

# 2008-2009



## **VALKENPOWER**

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# **VALKENPOWER**



## DIESEL GENERATOR SET

|                                   | 2GF-L                                                          |     | 3GF-L                      |     | 5GF-L                      |     | 6GF-L                      |     |
|-----------------------------------|----------------------------------------------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|
| Frequency (Hz)                    | 50                                                             | 60  | 50                         | 60  | 50                         | 60  | 50                         | 60  |
| Max.AC output (KVA)               | 1.9                                                            | 2.2 | 3                          | 3.6 | 4.6                        | 5.5 | 5                          | 5.5 |
| RATED AC OUTPUT (KVA)             | 1.7                                                            | 2   | 2.8                        | 3.3 | 4.2                        | 5   | 4.6                        | 5.0 |
| DC output V-A                     | 12V/8.3A                                                       |     | 12V/8.3A                   |     | 12V/8.3A                   |     | 12V/8.3A                   |     |
| Rated voltage (V)                 | 230                                                            | 240 | 230                        | 240 | 230                        | 240 | 230/240                    |     |
| Power Factor $\phi$               | 1.0                                                            |     | 1.0                        |     | 1.0                        |     | 1.0                        |     |
| Phase                             | Single-phase                                                   |     | Single-phase               |     | Single-phase               |     | single phase               |     |
| Excitation System                 | Brushless, Self-excitation                                     |     | Brushless, Self-excitation |     | Brushless, Self-excitation |     | Brushless, Self-excitation |     |
| Dimension (LxWxH)mm               | 640x480x530                                                    |     | 640x480x530                |     | 720x480x600                |     | 720x480x600                |     |
| Dry weight (kg)                   | 49                                                             |     | 65                         |     | 74                         |     | 74                         |     |
| Engine Model                      | YM170FG                                                        |     | YM178FG                    |     | YM186FG                    |     | YM186FAG                   |     |
| Type                              | single-cylinder,vertical,4-stroke, air-cooled,direct-injection |     |                            |     |                            |     |                            |     |
| Displacement cc(cm <sup>3</sup> ) | 211                                                            |     | 296                        |     | 406                        |     | 418                        |     |
| fuel tank capacity(L)             | 2.5                                                            |     | 3.5                        |     | 5.5                        |     | 6.5                        |     |
| Lube.oil capacity (L)             | 0.75                                                           |     | 1.1                        |     | 1.65                       |     | 1.8                        |     |



**Economic Type**  
2GF-L 3GF-L 5GF-L 6GF-L



**Deluxe Type**  
2GF-M(ME) 3GF-M(ME)  
5GF-M(ME) 6GF-M(ME)

|                                   | 2GF-M/ME                                                       |     | 3GF-M/ME                   |     | 5GF-M/ME                   |     | 6GF-M/ME                   |     |
|-----------------------------------|----------------------------------------------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|
| Frequency (Hz)                    | 50                                                             | 60  | 50                         | 60  | 50                         | 60  | 50                         | 60  |
| Max.AC output (kVA)               | 1.9                                                            | 2.2 | 3                          | 3.6 | 4.6                        | 5.0 | 5.0                        | 5.5 |
| RATED AC OUTPUT (KVA)             | 1.7                                                            | 2   | 2.8                        | 3.3 | 4.2                        | 4.6 | 4.6                        | 5.0 |
| DC output V-A                     | 12V/8.3A                                                       |     | 12V/8.3A                   |     | 12V/8.3A                   |     | 12V/8.3A                   |     |
| Rated voltage (V)                 | 230                                                            | 240 | 230                        | 240 | 230                        | 240 | 230                        | 240 |
| Power Factor $\phi$               | 1.0                                                            |     | 1.0                        |     | 1.0                        |     | 1.0                        |     |
| Phase                             | Single-phase                                                   |     | Single-phase               |     | Single-phase               |     | single phase               |     |
| Excitation System                 | Brushless, Self-excitation                                     |     | Brushless, Self-excitation |     | Brushless, Self-excitation |     | Brushless, Self-excitation |     |
| Dimension (LxWxH)mm               | 640x480x530                                                    |     | 640x480x550                |     | 720x480x650                |     | 720x480x650                |     |
| Dry weight (kg)                   | 53                                                             |     | 69                         |     | 78                         |     | 92                         |     |
| Engine Model                      | YM170FG                                                        |     | YM178FG                    |     | YM186FG                    |     | YM186FAG                   |     |
| Type                              | single-cylinder,vertical,4-stroke, air-cooled,direct-injection |     |                            |     |                            |     |                            |     |
| Displacement cc(cm <sup>3</sup> ) | 211                                                            |     | 296                        |     | 406                        |     | 418                        |     |
| fuel tank capacity(L)             | 15                                                             |     | 15                         |     | 15                         |     | 16                         |     |
| Lube.oil capacity (L)             | 0.75                                                           |     | 1.1                        |     | 1.65                       |     | 1.8                        |     |

|                               | 3GF-LDE                                                         |         | 5GF-LDE                   |     | 6GF-LDE                   |     |
|-------------------------------|-----------------------------------------------------------------|---------|---------------------------|-----|---------------------------|-----|
| Frequency Hz                  | 50                                                              | 60      | 50                        | 60  | 50                        | 60  |
| Max.AC output (KVA)           | 3                                                               | 3.6     | 4.6                       | 5.0 | 5.0                       | 5.5 |
| Rated AC output (KVA)         | 2.8                                                             | 3.3     | 4.2                       | 4.6 | 4.6                       | 5.0 |
| DC output V-A                 | 12V/8.3A                                                        |         | 12V/8.3A                  |     | 12V/8.3A                  |     |
| Rated voltage (V)             | 230                                                             | 240/120 | 230                       | 240 | 230                       | 240 |
| Power factor                  | 1.0                                                             |         | 1.0                       |     | 1.0                       |     |
| Phase                         | single phase                                                    |         | Single-phase              |     | single phase              |     |
| Excitation system             | Brushless self-excitation                                       |         | Brushless self-excitation |     | Brushless self-excitation |     |
| Dimensions(LxWxH)mm           | 820x540x710                                                     |         | 910x540x710               |     | 910x540x710               |     |
| Dry weight (kg)               | 130                                                             |         | 165                       |     | 170                       |     |
| Engine Model                  | YM178FG                                                         |         | YM186FG                   |     | YM186FAG                  |     |
| Type                          | Single-cylinder, vertical 4-stroke, air-cooled,direct-injection |         |                           |     |                           |     |
| Displacement cc(cm3)          | 296                                                             |         | 418                       |     | 418                       |     |
| Fuel tank capacity L          | 16                                                              |         | 16                        |     | 16                        |     |
| Lube.Oil capacity L           | 1.1                                                             |         | 1.65                      |     | 1.8                       |     |
| Starting system               | Electric starter with                                           |         | Electric starter with     |     | Electric starter with     |     |
| Low oil pressure alarm system |                                                                 |         |                           |     |                           |     |



**LDE-NEW TYPE**



**LDE-OLD TYPE**

|                                 | 5GF-LDE3                                                       |         | 6GF-LDE3                  |         |
|---------------------------------|----------------------------------------------------------------|---------|---------------------------|---------|
| Frequency (Hz)                  | 50                                                             | 60      | 50                        | 60      |
| Max.AC output (KVA)             | 5.8                                                            | 6.5     | 6.4                       | 7.0     |
| Rated AC output (KVA)           | 5.2                                                            | 5.8     | 5.8                       | 6.5     |
| DC output V-A                   | 12/8.3                                                         |         | 12V/8.3A                  |         |
| Rated current (A)               | 7.9                                                            | 8.7     | 8.7                       | 9.6     |
| Rated voltage (V)               | 230/400                                                        | 240/415 | 230/400                   | 240/415 |
| Power Factor $\phi$             | 0.8                                                            |         | 0.8                       |         |
| Phase                           | Three-phase                                                    |         | Three phase               |         |
| Excitation System               | Brushless Self-excitation                                      |         | Brushless Self-excitation |         |
| Oil shut down protection system |                                                                |         |                           |         |
| Dimension (LxWxH)mm             | 910x540x710                                                    |         | 910x540x710               |         |
| Dry weight (kg)                 | 165                                                            |         | 170                       |         |
| Engine Model                    | YM186FG                                                        |         | YM186FAG                  |         |
| Type                            | single-cylinder,vertical,4-stroke, air-cooled,direct-injection |         |                           |         |
| Displacement cc(cm3)            | 406                                                            |         | 418                       |         |
| fuel tank capacity (L)          | 16                                                             |         | 16                        |         |
| Lube.oil capacity (L)           | 1.65                                                           |         | 1.8                       |         |
| Starting system                 | Electric starter with                                          |         | Electric starter with     |         |
| Low oil pressure alarm system   |                                                                |         |                           |         |

## 5GF-ME3

## 6GF-ME3

|                                 |                                                                |         |                           |         |
|---------------------------------|----------------------------------------------------------------|---------|---------------------------|---------|
| Frequency (HZ)                  | 50                                                             | 60      | 50                        | 60      |
| Max.AC output (KVA)             | 5.8                                                            | 6.5     | 6.5                       | 7.0     |
| Rated AC output (KVA)           | 5.2                                                            | 5.8     | 5.8                       | 6.5     |
| DC output V-A                   | 12/8.3                                                         |         | 12V/8.3A                  |         |
| Rated current (A)               | 7.9                                                            | 8.7     | 8.7                       | 9.6     |
| Rated voltage (V)               | 230/400                                                        | 240/415 | 230/400                   | 240/415 |
| Power Factor $\phi$             | 0.8                                                            |         | 0.8                       |         |
| Phase                           | Three-phase                                                    |         | Three Phase               |         |
| Excitation System               | Brushless Self-excitation                                      |         | Brushless Self-excitation |         |
| Oil shut down protection system |                                                                |         |                           |         |
| Dimension (LxWxH)mm             | 710x480x650                                                    |         | 720x480x650               |         |
| Dry weight (kg)                 | 97                                                             |         | 98                        |         |
| Engine Model                    | YM186FG                                                        |         | YM186FA                   |         |
| Type                            | single-cylinder,vertical,4-stroke, air-cooled,direct-injection |         |                           |         |
| Displacement cc(cm3)            | 418                                                            |         | 418                       |         |
| fuel tank capacity (L)          | 16                                                             |         | 16                        |         |
| Lube.oil capacity (L)           | 1.65                                                           |         | 1.8                       |         |
| Starting system                 | Electric starter with                                          |         | Electric starter with     |         |
| Low oil pressure alarm system   |                                                                |         |                           |         |



## OPTION FOR GENERATOR SET



**DIGITAL PANEL FOR LDE**



**REMOTE CONTROL SYSTEM**



**ATS**



**PREHEAT SYSTEM**



**HOUR METER**



**CART TYPE-B**

## GASOLINE GENERATOR SET



|                       | YM1000LQ                                                          |          | YM2500LQ                     |          | YM3500LQ                     |          | YM6500LQ/E                   |           |
|-----------------------|-------------------------------------------------------------------|----------|------------------------------|----------|------------------------------|----------|------------------------------|-----------|
| Frequency(Hz)         | 50                                                                | 60       | 50                           | 60       | 50                           | 60       | 50                           | 60        |
| Rated power(KVA)      | 0.85                                                              | 1.05     | 2                            | 2.2      | 3                            | 3.3      | 5                            | 5.5       |
| Rated voltage(V)      | 230                                                               | 240/120  | 230                          | 240/120  | 230                          | 240/120  | 230                          | 240/120   |
| Rated current(A)      | 3.7                                                               | 9.2/4.6  | 8.7                          | 18.3/9.2 | 9.3                          | 23/12.5  | 21.7                         | 22.9/45.8 |
| Rated speed(r/min)    | 3000                                                              | 3600     | 3000                         | 3600     | 3000                         | 3600     | 3000                         | 3600      |
| Phase                 | single-phase                                                      |          | single-phase                 |          | single-phase                 |          | single-phase                 |           |
| Power factor $\phi$   | 1.0                                                               |          | 1.0                          |          | 1.0                          |          | 1.0                          |           |
| Excitation system     | Transistorized controllably self-excitation and constant coupling |          |                              |          |                              |          |                              |           |
| DC output             | 12V/8.3A                                                          |          | 12V/8.3A                     |          | 12V/8.3A                     |          | 12V/8.3A                     |           |
| Structure             | Open-frame type                                                   |          | Open-frame type              |          | Open-frame type              |          | Open-frame type              |           |
| Dry weight (kg)       | 30                                                                |          | 45                           |          | 68                           |          | 25                           |           |
| Dimensions(LxWxH)mm   | 455x345x365                                                       |          | 600x430x485                  |          | 680x510x540                  |          | 680x510x540                  |           |
| Engine Model          | YM152F                                                            |          | YM168F-2                     |          | YM177F                       |          | YM188F                       |           |
| Type                  | 4-stroke,OHV gasoline engine                                      |          | 4-stroke,OHV gasoline engine |          | 4-stroke,OHV gasoline engine |          | 4-stroke,OHV gasoline engine |           |
| Displacement(ml)      | 80.7                                                              |          | 196                          |          | 242                          |          | 389                          |           |
| Rated power(kw/rpm)   | 1.8/3000                                                          | 2.0/3600 | 3.6/3000                     | 4.0/3600 | 5.8/3000                     | 6.2/3600 | 7/3000                       | 7.7/3600  |
| Noise level dB(7m)    | 70-74                                                             |          | 70-74                        |          | 70-74                        |          | 70-74                        |           |
| Compression ratio     | 8.5:1                                                             |          | 8.5:1                        |          | 8.5:1                        |          | 8.5:1                        |           |
| Starting system       | Recoil starter                                                    |          | Recoil starter               |          | Recoil starter               |          | Recoil/electric start        |           |
| Lube oil alarm system | With                                                              |          | With                         |          | With                         |          | With                         |           |



## WELDER 5GF-MEW 6GF-MEW

|                |                            |                                                |             |
|----------------|----------------------------|------------------------------------------------|-------------|
| Welder         | Rated Output(kw)           | 3.64                                           | 3.8         |
|                | Rated Current(A)           | 160                                            | 180         |
|                | Rated Voltage(V)           | 26                                             | 26          |
|                | Applicable Electrode(mm) Φ | 2.6-3.0                                        | 2.6-3.2     |
| Ac generator   | Rated Output (kw)          | 2                                              | 2.2         |
|                | Rated Frequency (Hz)       | 50                                             | 50          |
|                | Rated Voltage(v)           | 220                                            | 220         |
|                | Model                      | YM186FE                                        | YM186FAE    |
| Engine(diesel) | Type                       | Single-cylinder, vertical 4-stroke, Air-cooled |             |
|                | Dimension L x W x H(mm)    | 720x480x650                                    | 720x480x650 |
| Set            | N.W.(KG)                   | 98                                             | 98          |



## YANGDONG ENGIEN

| MODLE                    | 8GF          | 10GF         | 12GF           | 15GF           | 20GF           | 24GF           |
|--------------------------|--------------|--------------|----------------|----------------|----------------|----------------|
| Rated output(KW)         | 8            | 10           | 12             | 15             | 20             | 24             |
| Rated voltage(V)         | 230/400      | 230/400      | 230/400        | 230/400        | 230/400        | 230/400        |
| Rated current(A)         | 14.4         | 18           | 21.6           | 27             | 36             | 43.2           |
| Frequency(HZ)            | 50           | 50           | 50             | 50             | 50             | 50             |
| Engine model             | Y385G        | YD480G       | Y485G          | YSD490G        | Y4100GG        | Y495AD         |
| Engine power(KW)         | 11           | 13           | 15             | 19             | 25             | 30             |
| Rotation speed(RPM)      | 1500         | 1500         | 1500           | 1500           | 1500           | 1500           |
| Speed control            | machinery    | machinery    | machinery      | machinery      | machinery      | machinery      |
| Fuel consumption(g/kw*h) | 262          | 250          | 265            | 247            | 237            | 237            |
| Generator model          | TFW-8        | TFW-10       | TFW-12         | TFW-15         | TFW-20         | TFW-24         |
| Generator type           | brush type   | brush type   | brushless type | brushless type | brushless type | brushless type |
| Net weight(kg)           | 450          | 500          | 550            | 600            | 650            | 700            |
| Size(L*W*H)(mm)          | 1320×700×950 | 1320×700×950 | 1320×700×950   | 1320×700×950   | 1320×700×950   | 1320×700×950   |



## DEUTZ ENGIEN

| MODLE                    | 24GF           | 40GF           | 50GF           | 80GF           | 100GF          | 120GF          |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Rated output(KW)         | 24             | 40             | 50             | 80             | 100            | 120            |
| Rated voltage(V)         | 230/400        | 230/400        | 230/400        | 230/400        | 230/400        | 230/400        |
| Rated current(A)         | 54             | 72             | 90             | 144            | 180            | 216            |
| Frequency(HZ)            | 50             | 50             | 50             | 50             | 50             | 50             |
| Engine model             | D226B-3        | TD226B-3D      | TD226B-4D      | TD226B-6D      | TBD226B-6D     | TD226B-3D      |
| Engine power(KW)         | 30             | 45             | 60             | 120            | 132            | 132            |
| Rotation speed(RPM)      | 1500           | 1500           | 1500           | 1500           | 1500           | 1500           |
| Speed control            | machinery      | machinery      | machinery      | machinery      | machinery      | machinery      |
| Fuel consumption(g/kw*h) | 210            | 210            | 210            | 210            | 210            | 210            |
| Generator model          | TFW-24         | TFW-40         | TFW-50         | TFW-80         | TFW-100        | TFW-120        |
| Generator type           | brushless type | brushless type | brushless type | brushless type | brushless type | brushless type |
| Net weight(kg)           | 650            | 740            | 800            | 1300           | 1450           | 1600           |
| Size(L*W*H)(mm)          | 1680×720×1200  | 2300×900×1250  | 2300×900×1250  | 2450×900×1400  | 2500×900×1400  | 2600×900×1400  |

## ATS

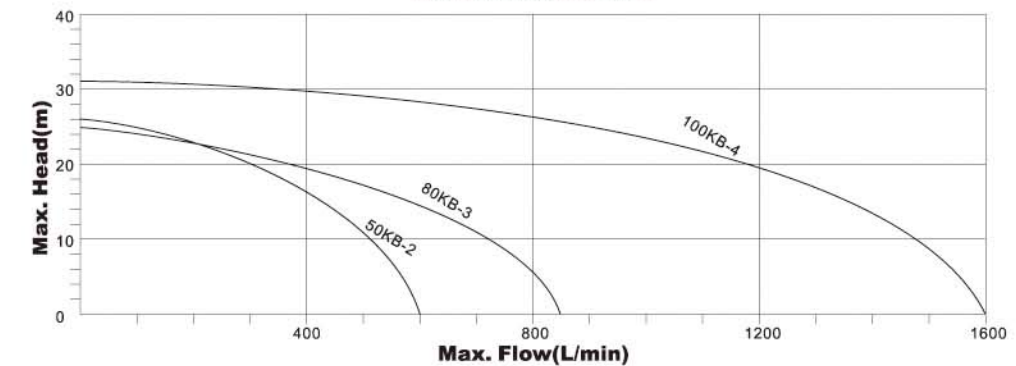
## WATER PUMP

### 50KB-2 80KB-3 100KB-4

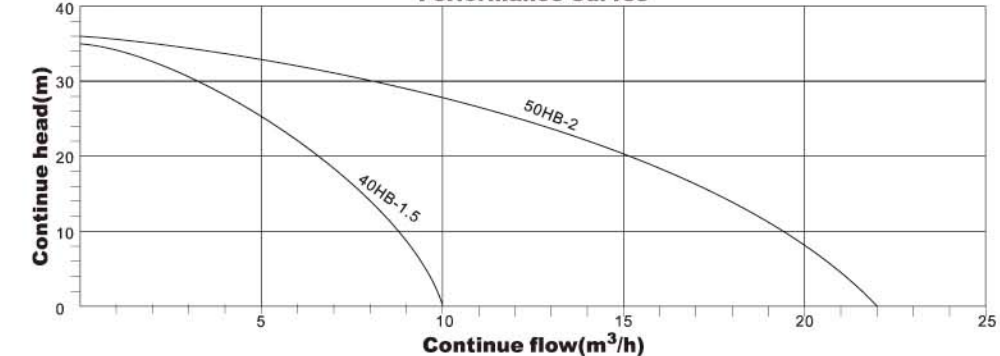
|                                  |                             |             |             |
|----------------------------------|-----------------------------|-------------|-------------|
| Type:                            | General-purpose diesel pump |             |             |
| Suction, discharge port dia.(in) | 2                           | 3           | 4           |
| Cont.capacity (m3/h)             | 22                          | 36          | 64          |
| cont.head( m)                    | 15                          | 13          | 16          |
| Self-priming time (s/4m)         | 70                          | 120         | 180         |
| Max. Suction head( m)            | 8                           | 8           | 8           |
| Dry weight kg                    | 35                          | 52          | 69          |
| Dimensions(LXWXH) (mm)           | 525X410X515                 | 570X445X550 | 645X480X602 |
| Engine Model                     | YM170FP                     | YM178FP     | YM186FP     |
| Cont.output kw(hp)               | 2.5(3.4)                    | 3.8(5.2)    | 6.5(9)      |
| Displacement(ml)                 | 211                         | 296         | 406         |
| Rated speed rpm                  | 3000                        | 3000        | 3000        |



Diesel water pump Performance Curves



Diesel high pressure water pump Performance Curves



### 40HB-1.5 50HB-2

|                         |                                                      |                    |
|-------------------------|------------------------------------------------------|--------------------|
| Type:                   | Fire fighting pump                                   | Fire fighting pump |
| Suction dismeter        | 1.5"                                                 | 2"                 |
| Discharge diameter      | 1.5"                                                 | 2"                 |
| Max.head                | 42m                                                  | 63m                |
| Suction lift            | 8m                                                   | 8m                 |
| Max.flow                | 5m³/h                                                | 36m³/h             |
| Pump body               | Aluminium alloy                                      | Aluminium alloy    |
| Impeller                | Carbon steel                                         | Carbon steel       |
| Mechanical seal         | Carbon-ceramic                                       | Carbon-ceramic     |
| Engine model            | YM178FP                                              | YM178FP            |
| Type                    | single cylinder, 4-stroke, air-cooled, diesel engine |                    |
| Displacement (cc)       | 196                                                  | 196                |
| Rated output(HP/rpm)    | 6.5HP/3600                                           | 6.5HP/3600         |
| Starting system         | Recoil start                                         | Recoil start       |
| Continuous working time | 3h                                                   | 3h                 |
| Dry weight(kg)          | 46kg                                                 | 57kg               |
| Dimension (LxWxH)mm     | 590×445×525                                          | 590×510×590        |





## PRESSURE WASHER



**HW154B**

| Model                 | HW154B                  |
|-----------------------|-------------------------|
| Pump Model            | LT3WZ-1200A             |
| Max.Pressure(PSI/bar) | 2200/154                |
| Flow(GPM/L/min.)      | 2.0/7.5                 |
| Power                 | 5.5HP                   |
| Rpm                   | 3400                    |
| Dimension (cm)        | 10-inch wheels:59x52x61 |



**HW196B**

| Model                 | HW196B      |
|-----------------------|-------------|
| Pump Model            | LT3WZ-1508A |
| Max.Pressure(PSI/bar) | 2800/196    |
| Flow(GPM/L/min.)      | 2.2/8.3     |
| Power                 | 7HP         |
| Rpm                   | 3400        |
| Dimension (cm)        | 66x52x63    |



**HW196BE**

| Model                 | HW196BE     |
|-----------------------|-------------|
| Pump Model            | LT3WZ-1508A |
| Max.Pressure(PSI/bar) | 2800/196    |
| Flow(GPM/L/min.)      | 2.2/8.3     |
| Power                 | 7HP         |
| Rpm                   | 3400        |
| Dimension (cm)        | 70x56x56    |



**HW238B**

| Model                 | HW238B      |
|-----------------------|-------------|
| Pump Model            | LT3WZ-1810A |
| Max.Pressure(PSI/bar) | 3600/252    |
| Flow(GPM/L/min.)      | 3.5/13.2    |
| Power                 | 13HP        |
| Rpm                   | 3400        |
| Dimension (cm)        | 67x59x67    |



**LT-18/24A**

| Model                 | LT-18/24A    |
|-----------------------|--------------|
| Pump Model            | LT3WZ-1810A  |
| Max.Pressure(PSI/bar) | 3600/252     |
| Flow(GPM/L/min.)      | 3.5/13.2     |
| Power                 | 13HP         |
| Rpm                   | 3400         |
| Dimension (cm)        | 81.5x51.5x65 |



**HW210DE**

| Model                 | HW210DE      |
|-----------------------|--------------|
| Pump Model            | LT3WZ-1808A  |
| Max.Pressure(PSI/bar) | 3200/224     |
| Flow(GPM/L/min.)      | 3.0/11.3     |
| Power                 | 10HP         |
| Rpm                   | 3000         |
| Dimension (cm)        | 81x64.5x75.5 |



**LT-18/24A**

| Model                 | LT-8.7/18M-1 | LT-18/20M-2 | LT-18/20M-3 | LT-8.7/18M-4 |
|-----------------------|--------------|-------------|-------------|--------------|
| Pump Model            | LT3WZ-1510A  | LT3WZ-1510A | LT3WZ-1808A | LT3WZ-1510A  |
| Max.Pressure(PSI/bar) | 1680/116     | 2600/182    | 1750/120    | 3000/210     |
| Flow(GPM/L/min.)      | 1.85/7       | 2.1/8.1     | 2.06/7.8    | 2.06/7.8     |
| Power                 | 3.7kw/4kw    | 3.7kw/4kw   | 3kw         | 3.7kw        |
| Rpm                   | 1450         | 2800        | 1450        | 2800         |
| Dimension(cm)         | 72.5x54x54   | 72.5x54x54  | 72.5x54x54  | 72.5x54x54   |

## ELECTRIC WINCH



**A SERIES**

**CW02V12 / CW02V24  
CW02V12-A / CW02V24-A**

### Specification:

|                        |                                     |
|------------------------|-------------------------------------|
| Rated line pull        | 2000lbs(907kgs)                     |
| Motor:permanent magnet | 1.08kW/1.5hp(12V);1.32kW/1.8hp(24V) |
| Gear reduction ratio   | 153:1                               |
| Cable(Dia, × L)        | Ø5/32" × 49' (Ø4mm × 15m)           |
| Drum size(Dia, × L)    | Ø1.24" × 2.88"(Ø31.5mm × 73mm)      |
| Mounting bolt pattern  | 3.13"(79.5mm)                       |

### CW02V12 / CW02V24:

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall dimensions(L × W × H) | 11.2" × 4.1" × 4.1" (285mm × 105mm × 105mm) |
| Weight                        | 14.8lbs(6.7kgs)                             |

### CW02V12-A / CW02V24-A:

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall dimensions(L × W × H) | 11.2" × 4.1" × 5.9" (285mm × 105mm × 150mm) |
| Weight                        | 15lbs(6.8kgs)                               |



**A SERIES**

**CW025V12 / CW025V24  
CW025V12-A / CW025V24-A**

### Specification:

|                        |                                   |
|------------------------|-----------------------------------|
| Rated line pull        | 2500lbs(1134kgs)                  |
| Motor:permanent magnet | 1.8kW/2.5hp(12V);2.4kW/3.2hp(24V) |
| Gear reduction ratio   | 170:1                             |
| Cable(Dia, × L)        | Ø3/16" × 45.99' (Ø4.8mm × 14m)    |
| Drum size(Dia, × L)    | Ø1.46" × 3.15"(Ø37mm × 80mm)      |
| Mounting bolt pattern  | 3.13"(79.5mm)                     |

### CW025V12 / CW025V24:

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall dimensions(L × W × H) | 12.4" × 4.6" × 4.4" (314mm × 116mm × 112mm) |
| Weight                        | 19.6lbs(8.89kgs)                            |

### CW025V12-A / CW025V24-A:

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Overall dimensions(L × W × H) | 12.8" × 4.6" × 6.49" (325mm × 116mm × 165mm) |
| Weight                        | 20.7lbs(9.39kgs)                             |

**CW03V12 / CW03V24  
CW03V12-A / CW03V24-A**

### Specification:

|                        |                                   |
|------------------------|-----------------------------------|
| Rated line pull        | 3000lbs(1361kgs)                  |
| Motor:permanent magnet | 1.8kW/2.5hp(12V);2.4kW/3.2hp(24V) |
| Gear reduction ratio   | 153:1                             |
| Cable(Dia, × L)        | Ø3/16" × 45.9' (Ø4.8mm × 14m)     |
| Drum size(Dia, × L)    | Ø1.24" × 2.88"(Ø31.5mm × 73mm)    |
| Mounting bolt pattern  | 3.13"(79.5mm)                     |

### CW03V12 / CW03V24:

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall dimensions(L × W × H) | 12.6" × 4.6" × 4.1" (320mm × 116mm × 105mm) |
| Weight                        | 19.1lbs(8.6kgs)                             |

### CW03V12-A / CW03V24-A:

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall dimensions(L × W × H) | 12.6" × 4.6" × 5.9" (320mm × 116mm × 150mm) |
| Weight                        | 20.3lbs(9.19kgs)                            |

**CW035V12 / CW035V24  
CW035V12-A / CW035V24-A**

### Specification:

|                        |                                       |
|------------------------|---------------------------------------|
| Rated line pull        | 3500lbs(1588kgs)                      |
| Motor:permanent magnet | 2.76kW/3.68hp(12V);4.32kW/5.76hp(24V) |
| Gear reduction ratio   | 170:1                                 |
| Cable(Dia, × L)        | Ø7/32" × 42' (Ø5.4mm × 12.8m)         |
| Drum size(Dia, × L)    | Ø1.46" × 3.15"(Ø37mm × 80mm)          |
| Mounting bolt pattern  | 3.13"(79.5mm)                         |

### CW035V12 / CW035V24:

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Overall dimensions(L × W × H) | 13" × 4.6" × 4.4" (329mm × 116mm × 112mm) |
| Weight                        | 20.7lbs(9.39kgs)                          |

### CW035V12-A / CW035V24-A:

|                               |                                            |
|-------------------------------|--------------------------------------------|
| Overall dimensions(L × W × H) | 13" × 4.6" × 6.49" (329mm × 116mm × 165mm) |
| Weight                        | 21.8lbs(9.89kgs)                           |

**CW04V12 / CW04V24  
CW045V12 / CW045V24**

### Specification:

|                               | CW04V12 / CW04V24                          | CW045V12 / CW045V24                        |
|-------------------------------|--------------------------------------------|--------------------------------------------|
| Rated line pull               | 4000lbs(1814kgs)                           | 45lbs(2041kgs)                             |
| Motor:permanent magnet        | 1.8kW/2.5hp(12V);2.4kW/3.2hp(24V)          | 2.76kW/3.68hp(12V);4.32kW/5.76hp(24V)      |
| Gear reduction ratio          | 423:1                                      | 423:1                                      |
| Cable(Dia. × L)               | Ø7/32" × 52' (Ø5.4mm × 16mm)               | Ø1/4" × 59' (Ø6mm × 18mm)                  |
| Drum size(Dia. × L)           | Ø1.8" × 3"(Ø45mm × 76mm)                   | Ø1.8" × 3.78"(Ø45mm × 96mm)                |
| Mounting bolt pattern         | 3.68"(93.5mm)or4.3" × 4.2"(109mm × 106mm)  | 3.68"(93.5mm)or5.1" × 4.2"(129mm × 106mm)  |
| Overall dimensions(L × W × H) | 12.7" × 5.6" × 6.3"(323mm × 142mm × 160mm) | 13.5" × 5.6" × 6.3"(343mm × 142mm × 160mm) |
| Weight                        | 27.6lbs(12.5kgs)                           | 30.0lbs(13.6kgs)                           |







**S SERIES**

**CW05V12 / CW05V24**  
**CW05V12-S / CW05V24-S**

**Specification:**

|                        |                                       |
|------------------------|---------------------------------------|
| Rated line pull        | 5000lbs(2268kgs)                      |
| Motor:permanent magnet | 2.76kW/3.68hp(12V);4.32kW/5.76hp(24V) |
| Gear reduction ratio   | 294:1(12V);210:1(24V)                 |
| Cable(Dia.× L)         | ø1/4" × 79' (ø6mm × 24m)              |
| Drum size(Dia.× L)     | ø2.48" × 5.5"(ø63mm × 140mm)          |
| Mounting bolt pattern  | 6.55" × 4.5"(166.4mm × 114.3mm)       |

**CW05V12 / CW05V24:**

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall dimensions(L × W × H) | 17.3" × 7.1" × 6.8" (440mm × 180mm × 173mm) |
| Weight                        | 47.4lbs(21.5kgs)                            |

**CW05V12-S / CW05V24-S:**

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Overall dimensions(L × W × H) | 17.3" × 7.1" × 10.63" (440mm × 180mm × 270mm) |
| Weight                        | 49.8lbs(22.6kgs)                              |

**CW08V12 / CW08V24**  
**CW08V12-S / CW08V24-S**

**Specification:**

|                       |                                     |
|-----------------------|-------------------------------------|
| Rated line pull       | 8000lbs(3629kgs)                    |
| Motor:Series wound    | 4.2kW/5.6hp(12V);5.76kW/7.68hp(24V) |
| Gear reduction ratio  | 210:1(12V);150:1(24V)               |
| Cable(Dia.× L)        | ø5/16" × 95' (ø8mm × 29m)           |
| Drum size(Dia.× L)    | ø2.48" × 9" (ø63mm × 228mm)         |
| Mounting bolt pattern | 10" × 4.5"(254mm × 114.3mm)         |

**CW08V12 / CW08V24:**

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall dimensions(L × W × H) | 20.9" × 7.1" × 6.8" (530mm × 180mm × 173mm) |
| Weight                        | 65.5lbs(29.7kgs)                            |

**CW08V12-S / CW08V24-S:**

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Overall dimensions(L × W × H) | 20.9" × 7.1" × 10.63" (530mm × 180mm × 270mm) |
| Weight                        | 8.1lbs(30.9kgs)                               |



**S SERIES**

**GEW10000/GEW10000-S**

**Specification:**

|                        |                                             |
|------------------------|---------------------------------------------|
| Rated line pull        | 10000lbs(4536kgs)                           |
| Motor:permanent magnet | 4.2kW/5.5hp(12V);5.5kW/7.5hp(24V)210:1(24V) |
| Gear reduction ratio   | 294:1(12V);210:1(24V)                       |
| Cable(Dia.× L)         | ø3/8" × 85' (ø9.2mm × 26m)                  |
| Drum size(Dia.× L)     | ø2.48" × 9"(ø63mm × 228mm)                  |
| Mounting bolt pattern  | 10" × 4.5"(254mm × 114.3mm)                 |

**GEW10000:**

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall dimensions(L × W × H) | 22.4" × 7.1" × 6.8" (570mm × 180mm × 173mm) |
| Weight                        | 75.1lbs(34.08kgs)                           |

**GEW10000-S:**

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Overall dimensions(L × W × H) | 22.4" × 7.1" × 10.63" (570mm × 180mm × 270mm) |
| Weight                        | 73.8lbs(33.48kgs)                             |



**S SERIES**

**GEW8000/GEW8000-S**

**Specification:**

|                        |                                   |
|------------------------|-----------------------------------|
| Rated line pull        | 8000lbs(3629kgs)                  |
| Motor:permanent magnet | 3.6kW/4.8hp(12V);4.8kW/6.4hp(24V) |
| Gear reduction ratio   | 210:1(12V);150:1(24V)             |
| Cable(Dia.× L)         | ø5/16" × 95' (ø8mm × 29m)         |
| Drum size(Dia.× L)     | ø2.48" × 9"(ø63mm × 228mm)        |
| Mounting bolt pattern  | 10" × 4.5"(254mm × 114.3mm)       |

**GEW8000:**

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall dimensions(L × W × H) | 22.4" × 7.1" × 6.8" (570mm × 180mm × 173mm) |
| Weight                        | 72.5lbs(32.88kgs)                           |

**GEW8000-S:**

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Overall dimensions(L × W × H) | 22.4" × 7.1" × 10.63" (570mm × 180mm × 270mm) |
| Weight                        | 73.8lbs(33.48kgs)                             |

**CW09V12 / CW09V24**

**Specification:**

|                       |                                   |
|-----------------------|-----------------------------------|
| Rated line pull       | 9000lbs(4082kgs)                  |
| Motor:Series wound    | 3.6kW/4.8hp(12V);4.8kW/6.4hp(24V) |
| Gear reduction ratio  | 294:1(12V);210:1(24V)             |
| Cable(Dia.× L)        | ø21/64" × 95' (ø8.3mm × 29m)      |
| Drum size(Dia.× L)    | ø2.48" × 9"(ø63mm × 228mm)        |
| Mounting bolt pattern | 10" × 4.5"(254mm × 114.3mm)       |

**CW09V12 / CW09V24:**

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall dimensions(L × W × H) | 22.4" × 7.1" × 6.8" (570mm × 180mm × 173mm) |
| Weight                        | 75.3lbs(34.18kgs)                           |



**CW095V2 / CW095V24**

**Specification:**

|                       |                                   |
|-----------------------|-----------------------------------|
| Rated line pull       | 9500lbs(4309kgs)                  |
| Motor:Series wound    | 4.2kW/5.5hp(12V);5.5kW/7.5hp(24V) |
| Gear reduction ratio  | 233:1(12V,24V)                    |
| Cable(Dia.× L)        | ø3/8" × 85' (ø9.2mm × 26m)        |
| Drum size(Dia.× L)    | ø2.48" × 9"(ø63mm × 228mm)        |
| Mounting bolt pattern | 10" × 4.5"(254mm × 114.3mm)       |

**CW095V12 / CW095V24:**

|                               |                                                |
|-------------------------------|------------------------------------------------|
| Overall dimensions(L × W × H) | 21.46" × 6.30" × 9.00" (545mm × 160mm × 220mm) |
| Weight                        | 68.3lbs(31kgs)                                 |



**V SERIES**

**Specification:**

|                               | <b>CW10V12 / CW10V24</b>                | <b>CW12V12 / CW12V24</b>                | <b>CW15V12 / CW15V24</b>                      |
|-------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------------|
| Rated line pull               | 10000lbs(4536kgs)                       | 12000lbs(5443kgs)                       | 15000lbs(6804kgs)                             |
| Motor:permane nt magnet       | 3.6kW/4.8hp(12V);4.8kW/6.4hp(24V)       | 4.2kW/5.5hp(12V);5.5kW/7.5hp(24V)       | 4.2kW/5.5hp(12V);5.5kW/7.5hp(24V)             |
| Gear reduction ratio          | 402:1                                   | 402:1                                   | 450:1                                         |
| Cable(Dia. × L)               | ø3/8" × 92' (ø9.2mm × 28m)              | ø13/32" × 87' (ø10.2mm × 26.5mm)        | ø7/16" × 92' (ø11mm × 28m)                    |
| Drum size(Dia. × L)           | ø2.8" × 8.8"(ø72mm × 222mm)             | ø2.8" × 8.8"(ø72mm × 222mm)             | ø3.5" × 8.8"(ø89mm × 222mm)                   |
| Mounting bolt pattern         | 10" × 4.5"(254mm × 114.3mm)             | 10" × 4.5"(254mm × 114.3mm)             | 10" × 4.5"(254mm × 114.3mm)                   |
| Overall dimensions(L × W × H) | 24" × 8.1" × 11"(610mm × 206mm × 280mm) | 24" × 8.1" × 11"(610mm × 206mm × 280mm) | 23.07" × 8.1" × 9.57" (586mm × 225mm × 243mm) |
| Weight                        | 128.5lbs(58.28kgs)                      | 132.3lbs(61kgs)                         | 162.9lbs(73.88kgs)                            |

**Specification:**

|                               | <b>CW10H12 / CW10H24</b>                  | <b>CW12H12 / CW12H24</b>                    | <b>CW15H12 / CW15H24</b>                    |
|-------------------------------|-------------------------------------------|---------------------------------------------|---------------------------------------------|
| Rated line pull               | 10000lbs(4536kgs)                         | 12000lbs(5443kgs)                           | 15000lbs(6804kgs)                           |
| Motor displacement            | 50ml/r                                    | 80ml/r                                      | 80ml/r                                      |
| Oil flow                      | 5.3~13.2G/min(20~50 L/min)                | 5.3~15.9G/min(20~60 L/min)                  | 5.3~15.9G/min(20~60 L/min)                  |
| Pressure                      | 14MPa                                     | 10MPa                                       | 14MPa                                       |
| Gear reduction ratio          | 33:1                                      | 33:1                                        | 37:1                                        |
| Cable(Dia. x L)               | ø13/32" × 87'(ø10.2mm × 26.5m)            | ø7/16" × 92'(ø11mm × 28m)                   | ø15/32" × 87'(ø12mm × 26.5m)                |
| Drum size(Dia. x L)           | ø2.8" × 8.8"(ø72mm × 222m)                | ø3.5" × 8.8"(ø89mm × 222m)                  | ø3.5" × 8.8"(ø89mm × 222m)                  |
| Overall dimensions(L × W × H) | 20" × 7.9" × 8.8" (510mm × 206mm × 224mm) | 20.9" × 7.9" × 8.8" (515mm × 206mm × 224mm) | 20.9" × 8.9" × 9.7" (530mm × 225mm × 247mm) |
| Mounting bolt pattern         | 10" × 4.5" (254mm × 114.3mm)              | 10" × 4.5" (254mm × 114.3mm)                | 14" × 4.5" (254mm × 114.3mm)                |
| Weight                        | 135.1lbs(61.28kgs)                        | 146.1lbs(66.28kgs)                          | 151.9lbs(68.88kgs)                          |

**PART FOR ELECTRIC WINCH**



**Bi-Fold Ramp, Tri-Fold Ramp**  
**Quick Load Aluminum Ramp**



**HSC 500**  
**Hand Operate Hoist**



**AJ020, AJ030, AJ032, AJ040**  
**Air Jack**



**QY2001, .....QY 2008**  
**Ratchet Pulley**



**HLJ64'**  
**64'High Lift Jack**



**WH1000L**



**WH2000L**



**RFnnnnn-C, RFnnnnn-P**  
**RF02, RF04, RF05,**  
**RF08, RF10, RF12**

Roller Fairlead  
nnnnn-Winch Rated Line Pull  
C:Chromeplate, P:Spray-Paint



**RMC08**  
**Remote Control**



**TC12/TC24**



**RMC12**  
**Remote Control**





**BPC**



**CWFC**  
Hawse Fairlead



**HF8000**



**SB03, SB08, SB12**  
Pulley Block



**HK0104, HK0516, HK0308**  
Hooks



**IS02**  
Installation Stand



**IS05**



**IS08**



Gloves



Workbag



**PKJK6A**  
SAFETYSWITCH



Quick Connector



**TS-1, TS-1.5, TS-2**  
Tree Savers



**SWHC2, SWHC3, SWHC2-DC24, SWHC3-DC24**  
Electric Valve



**SVP-C2, VP-C3**  
Valve Plate



**IST10000**  
WCK  
Wheel Chock



**IST1200**  
BSK  
Bow Shackle



**WREd-ee, WREd-ee-S**  
Wire Rope Extension



**SWRDd-11, SWRDd-11-H**  
Ster Wire Rope Replacement



**HPF08**  
High Pressure Plumbing Fixtures



**TBF, TBF-90**  
Tube Fittings



**SCB4000, SCB5000, SCB8000, SCB9000, SCB12000, SCB5000-S, SCB8000-S, SCB9000-S**  
Solenoid a Control Box



**C-60-1**

#### Plate Compactor

|                        |                |
|------------------------|----------------|
| Engine Power:          | 5~5.5HP        |
| Frequency:             | 5600V.P.M.     |
| Centrifugal Force:     | 10KN           |
| Travel Speed:          | 20~25M/MIN     |
| Limited Grade Ability: | 20°            |
| Plate Size:            | 51CM×35CM      |
| Dimension:             | 82CM×35CM×79CM |



**C-60-2**

#### Plate Compactor

|                        |                |
|------------------------|----------------|
| Engine Power:          | 5~5.5HP        |
| Frequency:             | 5600V.P.M.     |
| Centrifugal Force:     | 10KN           |
| Travel Speed:          | 20~25M/MIN     |
| Limited Grade Ability: | 20°            |
| Plate Size:            | 51CM×35CM      |
| Dimension:             | 82CM×35CM×79CM |



**C-77**

#### Plate Compactor

|                        |                 |
|------------------------|-----------------|
| Engine Power:          | 5~5.5HP         |
| Frequency:             | 5600V.P.M.      |
| Centrifugal Force:     | 13.5KN          |
| Travel Speed:          | 15~20M/MIN      |
| Limited Grade Ability: | 20°             |
| Plate Size:            | 57CM×43CM       |
| Dimension:             | 110CM×43CM×78CM |



**C-77W**

#### Plate Compactor

|                        |                 |
|------------------------|-----------------|
| Engine Power:          | 5~5.5HP         |
| Frequency:             | 5600V.P.M.      |
| Centrifugal Force:     | 13.5KN          |
| Travel Speed:          | 15~20M/MIN      |
| Limited Grade Ability: | 20°             |
| Plate Size:            | 57CM×43CM       |
| Dimension:             | 110CM×43CM×78CM |



**C-90**

#### Plate Compactor

|                        |                 |
|------------------------|-----------------|
| Engine Power:          | 5~5.5HP         |
| Frequency:             | 5800V.P.M.      |
| Centrifugal Force:     | 15.5KN          |
| Travel Speed:          | 20~25M/MIN      |
| Limited Grade Ability: | 20°             |
| Plate Size:            | 55CM×42CM       |
| Dimension:             | 116CM×42CM×90CM |



**C90WH**

#### Plate Compactor

|                        |                 |
|------------------------|-----------------|
| Engine Power:          | 5~5.5HP         |
| Frequency:             | 5800V.P.M.      |
| Centrifugal Force:     | 15.5KN          |
| Travel Speed:          | 20~25M/MIN      |
| Limited Grade Ability: | 20°             |
| Plate Size:            | 55CM×42CM       |
| Dimension:             | 116CM×42CM×90CM |



**C-120WH**

#### Plate Compactor

|                        |                 |
|------------------------|-----------------|
| Engine Power:          | 5~5.5HP         |
| Frequency:             | 5800V.P.M.      |
| Centrifugal Force:     | 21KN            |
| Travel Speed:          | 20~25M/MIN      |
| Limited Grade Ability: | 20°             |
| Plate Size:            | 60CM×48CM       |
| Dimension:             | 120CM×48CM×90CM |



**C-140-1**

#### Plate Compactor

|                        |                 |
|------------------------|-----------------|
| Engine Power:          | 5~5.5HP         |
| Frequency:             | 5800V.P.M.      |
| Centrifugal Force:     | 20.8KN          |
| Travel Speed:          | 20~25M/MIN      |
| Limited Grade Ability: | 20°             |
| Plate Size:            | 60CM×50CM       |
| Dimension:             | 120CM×50CM×85CM |

#### BPM180

|                  |                         |
|------------------|-------------------------|
| Weight:          | 74KGS                   |
| Diameter:        | 800MM                   |
| Driving Speed:   | 50~100R.P.M             |
| Power:           | Gasoline Engine 5~5.5HP |
| Blade Dimension: | 265MM×150MM             |
| Packing Size:    | 85CM×85CM×86CM          |

#### BPM100

|                  |                         |
|------------------|-------------------------|
| Weight:          | 76KGS                   |
| Diameter:        | 1000MM                  |
| Driving Speed:   | 50~130R.P.M             |
| Power:           | Gasoline Engine 5~5.5HP |
| Blade Dimension: | 350MM×150MM             |
| Packing Size:    | 105CM×105CM×88CM        |

#### BPM120

|                  |                         |
|------------------|-------------------------|
| Weight:          | 80KGS                   |
| Diameter:        | 1200MM                  |
| Driving Speed:   | 60~165R.P.M             |
| Power:           | Gasoline Engine 7.5~9HP |
| Blade Dimension: | 410MM×150MM             |
| Packing Size:    | 125CM×125CM×90CM        |



**C-140-2**

#### Plate Compactor

|                        |                 |
|------------------------|-----------------|
| Engine Power:          | 5~5.5HP         |
| Frequency:             | 5800V.P.M.      |
| Centrifugal Force:     | 21KN            |
| Travel Speed:          | 20~25M/MIN      |
| Limited Grade Ability: | 20°             |
| Plate Size:            | 61CM×46CM       |
| Dimension:             | 110CM×46CM×66CM |







#### Air compressor technical specifications:

| Model    | Code | Power     | Capacity        | Pressure | Cylinder  | Air tank   | N.W  | Overall Dimensions    |
|----------|------|-----------|-----------------|----------|-----------|------------|------|-----------------------|
| CP122T03 | CEFL | 1.5KW 2HP | 206L/min 7.3cfm | 8Bar     | 116.03Psi | 24L 6.3Gal | 27KG | 590×290×630 L×W×H(mm) |



CP222T05



CP222T10

#### Air compressor technical specifications:

| Model    | Code     | Power     | Capacity        | Pressure        | Cylinder | Air tank     | N.W   | Overall Dimensions     |
|----------|----------|-----------|-----------------|-----------------|----------|--------------|-------|------------------------|
| CP222T05 | VA55-50  | 1.5KW 2HP | 233L/min 8.3cfm | 10Bar 145.04Psi | 1Qty     | 50L 13.2Gal  | 55KG  | 940×380×720 L×W×H(mm)  |
| CP222T10 | VA55-100 | 1.5KW 2HP | 233L/min 8.3cfm | 10Bar 145.04Psi | 1Qty     | 100L 26.4Gal | 110KG | 1150×430×895 L×W×H(mm) |



TB265T-100



TB190T-120

#### Product

| Liters | Art. | Type       | Volt/PH | kw  | HP  | Model  | 1/min | m3/h | c.f.m | bar | p.s.i | R.P.m | n° | n° | db-A | LwA | BSP | L×D×H(cm) | kg  | Lbs | URO |
|--------|------|------------|---------|-----|-----|--------|-------|------|-------|-----|-------|-------|----|----|------|-----|-----|-----------|-----|-----|-----|
| 100    | -    | TB265T-100 | 400/3   | 3   | 4   | TB265T | 286   | 17.2 | 10.1  | 12  | 175   | 900   | 3  | 3  | 83   | 95  | -   | 115×43×80 | 107 | 236 |     |
| 120    | -    | TB190T-120 | 400/3   | 5.5 | 7.5 | TB190T | 340   | 20.4 | 12    | 12  | 175   | 900   | 2  | 2  | 85   | 98  | -   | 135×46×93 | 140 | 309 |     |



#### MMA WELDER

| TECHNICAL PARAMETER    | BX1-130C1 | BX1-160C1 | BX1-180C1 | BX1-200C1 | BX1-250C1 |
|------------------------|-----------|-----------|-----------|-----------|-----------|
| RATED INPUT VOLTAGE V  | 230       | 230       | 230       | 230/400   | 230/400   |
| NO-LOAD VOLTAGE V      | 48        | 48        | 48        | 48        | 50        |
| CURRENT RANGE AMP      | 55-130    | 55-160    | 60-180    | 60-200    | 60-200    |
| RATER DUTY %           | 10        | 10        | 10        | 10        | 10        |
| INPUT CAPACITY KW      | 6.4       | 8         | 9.6       | 11.2      | 14        |
| CLASS OF INSULATION IP | H         | H         | H         | H         | H         |
| USABLE ELECTRODES MM   | 2-3.2     | 2-4       | 2-4       | 2-4       | 2.5-5     |

#### cutting machine



#### description:

|                        |              |
|------------------------|--------------|
| Model                  | LGK-40       |
| Rated Input Voltage(V) | 230V         |
| Input Capacity(KVA)    | 5            |
| No-load Voltage(V)     | 244          |
| Current Range(A)       | 10-40        |
| Output Capacity(V)     | 100          |
| Rated duty cycle(%)    | 60           |
| Efficiency(%)          | 85           |
| Arc-startingCosφ       | 0.93         |
| Class of Insulation    | B            |
| Case Protection Degree | IP21         |
| Arc-starting           | HF           |
| Weight(kg)             | 8            |
| Exenal dimensiom(cm)   | 45.5×24.5×38 |



#### description:

| Moad    | Rated Input Voltage(V) | Input Capacity (KW) | Cueeent range(A) | Rated duty cycle (%) | Class of Insulation | elding Wire (φmm) | weight (kg) | Exernal dimension (mm) |
|---------|------------------------|---------------------|------------------|----------------------|---------------------|-------------------|-------------|------------------------|
| MIG-100 | 230                    | 2.5                 | 60-90            | 10                   | H                   | 0.6-0.9           | 25-28       | 42×21×34               |
| MIG-130 | 230                    | 4.5                 | 60-120           | 10                   | H                   | 0.6-0.9           | 28-31       | 49×22.5×38.5           |

#### description:

| Model   | Rated Input Voltage(V) | Input Capacity (KVA) | No-load Voltage(V) | Cueeent range(A) | output Current(V) | Rated duty cycle (%) | Efficiency (%) | Arc-starting Cosφ | Class of Insulation | Case protection Degree | Arc-starting | Weigh(kg) |
|---------|------------------------|----------------------|--------------------|------------------|-------------------|----------------------|----------------|-------------------|---------------------|------------------------|--------------|-----------|
| TIG-160 | 230                    | 3.3                  | 44                 | 10-160           | 16.4              | 60                   | 85             | 0.93              | F                   | IP21                   | HF           | 8         |
| TIG-200 | 230                    | 4.6                  | 44                 | 10-200           | 18                | 60                   | 85             | 0.93              | F                   | IP21                   | HF           | 8         |
| TIG-250 | 380                    | 4.6                  | 44                 | 15-250           | 20                | 60                   | 85             | 0.93              | F                   | IP21                   | HF           | 8         |



JH Series Concrete Mixer has two models differed by driven style: by engine and by motor. It is suitable for mixing mortar, with merits of small volume, easy for transport, high efficiency and outstanding quality.



JH90H



JH125H



JH90Z

#### Main Technical Specification

| Type   | Power                             | Dimension(MM)      | Weight(KG) | Volume(L) | Max Volume OF Mixed(L) |
|--------|-----------------------------------|--------------------|------------|-----------|------------------------|
| JH90H  | 4-9HP Diesel Engine 2.2KW Motor   | 1900 × 1170 × 1420 | 313        | 260       | 170                    |
| JH125H | 5.5-9HP Diesel Engine 2.2KW Motor | 1900 × 1170 × 1650 | 328        | 350       | 260                    |
| JH90Z  | 5.5-9HP Diesel Engine 2.2KW Motor | 1900 × 1170 × 1420 | 338        | 260       | 170                    |



## Concrete Mixer JZC series

JZC mixers are used to mix half-dry concrete and plastic concrete, especially for standard construction sites, road construction, bridge construction, and concrete pre-casts producers.



|                             | JZC 200        | JZC 350        | JZC 500         | JZC 750          |
|-----------------------------|----------------|----------------|-----------------|------------------|
| Types                       | mobile         | mobile         | mobile          | stationary       |
| Filling(L)                  | 320            | 560            | 800             | 1200             |
| Discharge(L)                | 200            | 350            | 500             | 750              |
| Production (cm/h)           | 6-8            | 10-14          | 18-20           | 20-22.5          |
| Drum Speed (r/min)          | 17             | 14             | 15.7            | 13               |
| Aggregate max. (mm)         | 60             | 60             | 60              | 80               |
| Water dosing precision (mm) | ≤2%            | ≤2%            | ≤2%             | ≤2%              |
| Discharge height (mm)       | 800            | 1250           | 1500            | 1800             |
| Mix. motor                  | Y112M-120.55   | Y123S-45.5K    | Y160M-411KW     | Y160L-415KW      |
| Lifting motor (KW)          |                |                | YEZ1325-4-B55.5 | YEZ132M-4-B5 7.5 |
| Pump motor (KW)             | 40JDB-120.55   | 40JDB-12.55    | 50WDB20-8A 0.75 | 50WDB20-8A 0.75  |
| Wheel tire size             | 6.50-16        | 6.50-16        | 7.50-16         |                  |
| Trawling speed max. (km/h)  | 20             | 20             | 20              |                  |
| Outer dimensions (L)        | 2380×2042×2760 | 2810×2140×3070 | 5230×2300×5450  | 6117×2050×6070   |
| Weight (kg)                 | 1300           | 1970           | 3200            | 4300             |

## ELECTRIC HOIST



HC020E



HC0250E

| Specification | method of use | Rated volt(v) | Input power(w) | Rated Lifting weight(kg) | Lifting speed(m/min) | Lifting height(m) | QTY/CTN(PCS) | Packing dimension(cm) | G.W./N.W.(kg) |
|---------------|---------------|---------------|----------------|--------------------------|----------------------|-------------------|--------------|-----------------------|---------------|
| HC0200E       | Single-hook   | 220/230       | 510            | 100                      | 10                   | 12                | 2            | 47×37×16              | 24/22         |
|               | Duble-hook    |               |                | 200                      | 5                    | 6                 |              |                       |               |
| HC0250E       | Single-hook   | 220/230       | 510            | 125                      | 10                   | 12                | 2            | 47×37×16              | 24/22         |
|               | Double-hook   |               |                | 250                      | 5                    | 6                 |              |                       |               |
| HC0300E       | Single-hook   | 220/230       | 510            | 150                      | 10                   | 12                | 2            | 47×37×16              | 25/23         |
|               | Double-hook   |               |                | 300                      | 5                    | 6                 |              |                       |               |



HC0500E



HC0600E



HC0800E

| Specification | method of use | Rated volt(v) | Input power(w) | Rated Lifting weight(kg) | Lifting speed(m/min) | Lifting height(m) | QTY/CTN(PCS) | Packing dimension(cm) | G.W./N.W.(kg) |
|---------------|---------------|---------------|----------------|--------------------------|----------------------|-------------------|--------------|-----------------------|---------------|
| HC0400E       | Single-hook   | 220/230       | 980            | 200                      | 10                   | 12                | 2            | 52×42×17              | 35/33         |
|               | Duble-hook    |               |                | 400                      | 5                    | 6                 |              |                       |               |
| HC0500E       | Single-hook   | 220/230       | 1020           | 250                      | 10                   | 12                | 2            | 52×42×17              | 35/33         |
|               | Double-hook   |               |                | 500                      | 5                    | 6                 |              |                       |               |
| HC0600E       | Single-hook   | 220/230       | 1200           | 300                      | 10                   | 12                | 2            | 52×42×17              | 35/33         |
|               | Double-hook   |               |                | 600                      | 5                    | 6                 |              |                       |               |
| HC0700E       | Single-hook   | 220/230       | 1250           | 350                      | 8                    | 12                | 2            | 52×45×17              | 39/37         |
|               | Double-hook   |               |                | 300                      | 4                    | 6                 |              |                       |               |
| HC0800E       | Single-hook   | 220/230       | 1300           | 400                      | 8                    | 12                | 2            | 52×45×17              | 39/37         |
|               | Double-hook   |               |                | 800                      | 4                    | 6                 |              |                       |               |
| HC1000E       | Single-hook   | 220/230       | 1600           | 500                      | 8                    | 12                | 1            | 51×34×18              | 33/32         |
|               | Double-hook   |               |                | 1000                     | 4                    | 6                 |              |                       |               |
| HC1200E       | Single-hook   | 220/230       | 1800           | 600                      | 8                    | 12                | 1            | 51×34×18              | 33/32         |
|               | Double-hook   |               |                | 1200                     | 4                    | 6                 |              |                       |               |



## DY TYPE SINGLE SHEAVE SNATCH BLOCKS

| TYPE     | S.W.L | SHEAVE DIA | FOR WIRE DIA | N.W. |
|----------|-------|------------|--------------|------|
| HOOK EYE | (t)   | D(mm)      | (MM)         | KG   |
| PB02     | 0.5   | 75         | 8            | 1.5  |
| PB10     | 1     | 100        | 10           | 2.6  |
| PB15     | 1.5   | 125        | 13           | 4.8  |
| PB20     | 2     | 150        | 16           | 7.4  |
| PB30     | 3     | 180        | 19           | 11.9 |
| PB40     | 4     | 200        | 22           | 20.4 |
| PB50     | 5     | 250        | 25           | 33   |
| PB60     | 6     | 300        | 26           | 48   |
| PB100    | 10    | 350        | 28           | 66   |

## LEVER BLOCKS

| Model                            | LB02C | LB05C | LB07C | LB10C | LB15C | LB20C | LB30C | HSB-V60 |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|---------|
| Cspcity T                        | 0.25  | 0.5   | 0.75  | 1     | 1.5   | 2     | 3     | 6       |
| Test load T                      | 0.365 | 0.75  | 1.125 | 1.5   | 2.5   | 3     | 4.5   | 9       |
| Standard lift m                  | 1     | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5     |
| Min. distnce between two hoops m | 205   | 260   | 295   | 335   | 385   | 385   | 450   | 540     |
| Effors required at capacity N    | 235   | 328   | 140   | 234   | 251   | 251   | 362   | 362     |
| No.of load chains                | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1       |
| Diameter of load chain           | 4     | 5     | 6     | 6     | 7.1   | 8     | 9     | 9       |
| Net weight kg                    | 1.85  | 3.5   | 7     | 7     | 11    | 15.5  | 20    | 28      |

| Model                      | TW25   | TW50 | TW75 | TW100 | TW150 | TW200 | TW300 | TW600 | TW900 |
|----------------------------|--------|------|------|-------|-------|-------|-------|-------|-------|
| Rated Capacity             | kg 250 | 500  | 750  | 1000  | 1500  | 2000  | 3000  | 6000  | 9000  |
| Standard Lifting Height    | m 1    | 1.5  | 1.5  | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   |
| Test load                  | kg 375 | 750  | 1125 | 1500  | 2250  | 3000  | 4500  | 9000  | 13500 |
| Effort to Rated Capacity   | N 282  | 248  | 265  | 270   | 295   | 315   | 335   | 370   | 420   |
| No.of load chain falls     | 1      | 1    | 1    | 1     | 1     | 1     | 1     | 2     | 3     |
| Diameter of load chain     | mm 4   | 5    | 5.6  | 6     | 7     | 8     | 10    | 10    | 10    |
| Min.distance between hooks | mm 245 | 300  | 330  | 365   | 400   | 445   | 520   | 640   | 770   |
| Length of lever handle     | mm 158 | 253  | 278  | 278   | 378   | 378   | 388   | 388   | 388   |
| Net Weight                 | kg 2.1 | 5.3  | 6.5  | 6.8   | 10.2  | 14.3  | 22    | 34    | 45    |

## CHAIN BLOCK



CB50C



CB05C



CB20C



CB30C

| Part Code                        | CB05C  | CB10C  | CB15C  | CB20C | CB30C  | CB50C |
|----------------------------------|--------|--------|--------|-------|--------|-------|
| Capacity                         | 0.5Ton | 1Ton   | 1.5Ton | 2Ton  | 3Ton   | 5Ton  |
| Lift                             | 2.5m   | 2.5m   | 2.5m   | 3m    | 3m     | 3m    |
| Test Load                        | 6.3Kn  | 12.5Kn | 18.8Kn | 25Kn  | 37.5Kn | 75Kn  |
| Effort Required To Lift Max Load | 231N   | 309N   | 320N   | 360N  | 340N   | 414N  |
| Diameter of Load Chain           | 6mm    | 6mm    | 8mm    | 8mm   | 8mm    | 10mm  |
| Weight                           | 10Kg   | 12Kg   | 19Kg   | 22Kg  | 32Kg   | 46Kg  |



## BOTTLE JACK



| Model   | Capacity | Minimum (Height) | Lifting Height(mm) | Adjusting Height(mm) | Base Plte (mm)             | N.W./G.W.(KG) | Package Size(mm) | QTY/Ctn | QTY/20'CY |
|---------|----------|------------------|--------------------|----------------------|----------------------------|---------------|------------------|---------|-----------|
| T90203  | 2TON     | 181(7-1/8")      | 116(4-9/16")       | 48(1-7/8")           | 88×92(3-1/2"×3-5/8")       | 2.7/2.9       | 315×220×220      | 6 PCS   | 5952 PCS  |
| T90403  | 4TON     | 194(7-5/8")      | 118(4-5/8")        | 60(2-3/8")           | 92×100(3-5/8"×3-15/16")    | 3.3/3.5       | 325×235×235      | 6 PCS   | 4932 PCS  |
| T90603  | 6TON     | 216(8-1/2")      | 127(5")            | 70(2-3/4")           | 96×100(3-3/4"×3-15/16")    | 4.5/4.8       | 256×235×255      | 4 PCS   | 3642 PCS  |
| T90803  | TON      | 230(9-1/16")     | 147(5-3/4")        | 80(3-1/8")           | 103×116(4-1/16"×4-11/16")  | 6/6.3         | 275×245×270      | 4 PCS   | 2740 PCS  |
| T91003  | 10TON    | 230(9-1/16")     | 150(5-15/16")      | 80(3-1/8")           | 110×123(4-5/16"×4-7/8")    | 6.6/6.9       | 285×290×280      | 4 PCS   | 2500 PCS  |
| T91203  | 12TON    | 230(9-1/16")     | 155(6-1/8")        | 80(3-1/8")           | 116×134(4-9/16"×5-5/16")   | 7.8/8.2       | 395×160×280      | 3 PCS   | 2100 PCS  |
| T91603  | 16TON    | 230(9-1/16")     | 150(5-15/16")      | 80(3-1/8")           | 133×136(5-1/4"×5-3/8")     | 8.6/9         | 320×170×285      | 2 PCS   | 1920 PCS  |
| T92003  | 20TON    | 242(9-1/2")      | 150(5-15/16")      | 60(2-3/8")           | 144×150(5-11/16"×5-15/16") | 11/11.4       | 330×175×285      | 2 PCS   | 1516 PCS  |
| T93007  | 30TON    | 240(9-7/16")     | 130(5-1/8")        | /                    | 190×155(7-1/2"×6-1/8")     | 21/21.7       | 210×185×270      | 1 PCS   | 800 PCS   |
| T95007  | 50TON    | 236(9-5/16")     | 120(4-3/4")        | /                    | 218×176(8-5/8"×6-15/16")   | 30/30.7       | 260×185×270      | 1 PCS   | 564 PCS   |
| T90203S | 2TON     | 181(7-1/8")      | 116(4-9/16")       | 48(1-7/8")           | 88×92(3-1/2"×3-5/8")       | 2.7/303       | 520×230×295      | 6 PCS   | 4620 PCS  |
| T90403S | 4TON     | 194(7-5/8")      | 118(4-5/8")        | 60(2-3/8")           | 92×100(3-5/8"×3-15/16")    | 3.3/4         | 570×230×305      | 6 PCS   | 4200 PCS  |
| T90603S | 6TON     | 216(8-1/2")      | 127(5")            | 70(2-3/4")           | 96×100(3-3/4"×3-15/16")    | 4.5/5.3       | 410×240×330      | 4 PCS   | 3340 PCS  |



| MODEL  | CAPACITY (ton) | CLOSED PIN CENTER DISTANCE(mm) | STROKE (mm) | AIR PRESSURE (MPa) |
|--------|----------------|--------------------------------|-------------|--------------------|
| SD2101 | 8              | 620                            | 475         | 0.75~0.85          |
| SD2102 | 8              | 615                            | 475         | 0.75~0.85          |

|  | N.W.(kg) | G.W.(kg) | PACKAGE SIZE (cm) | 20FT CNTR (pcs) |
|--|----------|----------|-------------------|-----------------|
|  | 16.5     | 17       | 66×21.5×13.5      | 1235            |
|  | 16       | 16.5     | 66×21.5×13.5      | 1270            |



## AIR/MANUAL BOTTLE JACK



| MODEL   | CAPACITY (TON) | MIN HT (MM) | MAX HT (MM) | RAM RAVEL (MM) | SCREW ADJ. (MM) | AIR PRESSURE (MPa) | N.W.(KG) | G.W.(KG) | PACKAGE SIZE(CM) |
|---------|----------------|-------------|-------------|----------------|-----------------|--------------------|----------|----------|------------------|
| SD0201  | 12 BJ12AH      | 260         | 510         | 170            | 80              | 0.75~0.85          | 23.5     | 25.5     | 39.5x27x31       |
| SD2002  | 20 BJ20AH      | 262         | 506         | 160            | 84              | 0.75~0.85          | 31.5     | 33.5     | 40.5x31x30.5     |
| SD2002S | 20 BJ20AH-S    | 220         | 434         | 130            | 84              | 0.75~0.85          | 30       | 32       | 41x31x26.5       |
| SD2003  | 35 BJ35AH      | 264         | 414         | 150            | /               | 0.75~0.85          | 30       | 31       | 27x23x30         |
| SD2004  | 50 BJ50AH      | 307         | 485         | /              | /               | /                  | 38.5     | 39.5     | 33x23x35.5       |

## FARM JACK

| MODEL  | SIZE | MIN HT (mm) | MAX HT (mm) | N.W.(kg) | G.W.(kg) | PACKAGE SIZE(CM) | 20FT CNTR(pcs) |
|--------|------|-------------|-------------|----------|----------|------------------|----------------|
| HM2901 | 48 " | 154         | 1071        | 14.3     | 16       | 125×28×14.5      | 1200           |
| HM2902 | 20 " | 153         | 680         | 12       | 13       | 54×24.5×14       | 1320           |
| HM2903 | 33 " | 153         | 700         | 13       | 14       | 89×24.5×14       | 950            |
| HM2904 | 60 " | 155         | 1350        | 14.5     | 15.5     | 151.5×24.5×14    | 550            |



## SPRING COMPRESSOR

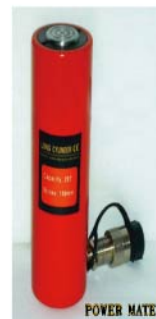
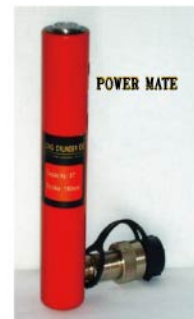
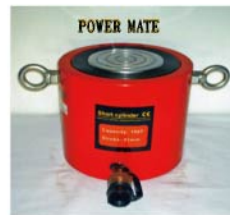
| MODEL   | CAPACITY(ton) | MAX WORKING LENGTH(mm) | RAM TRAVEL(mm) | SPRING SIZE(inch) | N.W.(kg) | G.W.(kg) | PACKAGE SIZE(CM) |
|---------|---------------|------------------------|----------------|-------------------|----------|----------|------------------|
| SD1201  | 1             | 210                    | 110            | 4~6~1/2           | 18.5     | 19.5     | 62×26.5×16.5     |
| SD1201A | 1             | 240                    | 240            | 4~6~1/2           | 19.5     | 20.5     | 65×26.5×16.5     |
| SD1201F | 1             | 210                    | 110            | 4~6~1/2           | 18.5     | 19.5     | 62×26.5×16.5     |
| SD1202  | 1             | 590                    | 325            | 4~10              | 37       | 39       | 123×29×17        |
| SD1203  | 1             | 590                    | 325            | 4~10              | 40       | 42       | 123×29×17        |

## ENGINE STAND

| MODEL  | CAPACITY(lb) | CENTER HEIGHT (mm) | N.W.(kg) | G.W.(kg) | PACKAGE SIZE(CM) | 20FT CNTR(pcs) |
|--------|--------------|--------------------|----------|----------|------------------|----------------|
| HM2601 | 750          | 800                | 18       | 20       | 88×20×19.5       | 870            |
| HM2602 | 1000         | 800                | 20       | 22       | 90×21×19.5       | 830            |
| HM2603 | 1250         | 820                | 27       | 29       | 91×22×21.5       | 700            |
| HM2604 | 1500         | 820                | 31       | 33       | 86×23×22.5       | 660            |





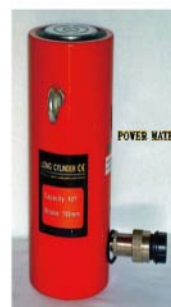


### Hydraulic Cylinder Short

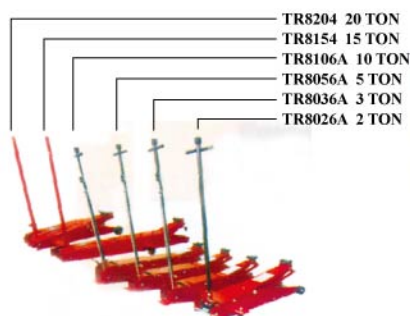
| Model              | SC005H | SC020H | SC030H | SC050H | SC100H | SC150H |
|--------------------|--------|--------|--------|--------|--------|--------|
| Capacity           | 5T     | 20T    | 30T    | 50T    | 100T   | 100T   |
| Lifting Height(mm) | 24     | 44     | 62     | 60     | 57     | 51     |
| Min Height(mm)     | 72     | 96.5   | 116    | 121    | 141    | 206    |
| Cylinder(mm)       | 45     | 80     | 100    | 135    | 165    | 215    |
| Weight(kg)         | 1.9    | 5      | 6.5    | 12     | 29     | 42.1   |

### Hydraulic Cylinder Long

| Model              | LC005H  | LC010H  | LC020H  | LC030H  | LC050H  | LC100H  |
|--------------------|---------|---------|---------|---------|---------|---------|
| Capacity           | 5T      | 10T     | 20T     | 30T     | 50T     | 100T    |
| Lifting Height(mm) | 150,120 | 150,120 | 150,120 | 150,120 | 150,120 | 127.63  |
| Min Height(mm)     | 230,200 | 230,200 | 230,200 | 230,200 | 230,200 | 250,185 |
| Cylinder(mm)       | 45      | 60      | 80      | 100     | 135     | 165     |
| Weight(kg)         | 2.5     | 4.2     | 8.8     | 12      | 25      | 40      |



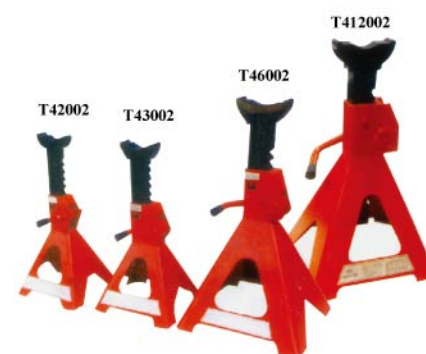
### HEAVY DUTY LONG FLOOR JACK



| Model   | Capacity | Minimum Height | Maximum Height | Product size (mm) | N.W./G.W.(KG) | Package Size(mm) | PCS/20'CY |
|---------|----------|----------------|----------------|-------------------|---------------|------------------|-----------|
| TR8204A | 2TON     | 140mm          | 800mm          | 1220×430×200      | 58/65         | 1250×470×210     | 220 PCS   |
| TR8036A | 2TON     | 130mm          | 600mm          | 1400×320×200      | 70/90         | 1460×370×300     | 160 PCS   |
| TR8056A | 5TON     | 150mm          | 560mm          | 1510×380×210      | 95/115        | 1570×420×340     | 128 PCS   |
| TR8106A | 10TON    | 160mm          | 560mm          | 1640×480×260      | 145/170       | 1700×520×340     | 98 PCS    |
| TR8154  | 15TON    | 180mm          | 720mm          | 2370×550×235      | 260/300       | 2400×560×260     | 60 PCS    |
| TR8204  | 20TON    | 220mm          | 680mm          | 1420×550×270      | 215/240       | 1430×560×280     | 75 PCS    |

### JACK STAND

| Model            | T42002         | T43002         | T46002           | T412002        |
|------------------|----------------|----------------|------------------|----------------|
| Capacity         | 2TON           | 3TON           | 6TON             | 12TON          |
| Min.Height       | 272mm(10-3/4") | 285mm(11-5/8") | 386mm(15-1/4")   | 460mm(18-1/8") |
| Max.Height       | 425mm(16-3/4") | 420mm(16-3/4") | 605mm(23-13/16") | 715mm(28")     |
| N.W.(KG)         | 4.9/Pair       | 6.6/Pair       | 13.6/Pair        | 27/Pair        |
| G.W.(KG)         | 5.5/Pair       | 7.5/Pair       | 14.7/Pair        | 28.7/Pair      |
| Package Size(mm) | 193×180×350    | 214×191×361    | 291×255×462      | 322×292×572    |
| QTY 1 Package    | 2PCS           | 2PCS           | 2PCS             | 2PCS           |
| QTY20'Container  | 2350 Pairs     | 1900 Pairs     | 860 Pairs        | 550 Pairs      |



### Hydraulic Jack



- ◆ Compact and stable constructions.
- ◆ Can be used in any position.
- ◆ Housing revolves 360 degrees.
- ◆ Lowering speed can be accurately adjusted.
- ◆ Protected against overloading.
- ◆ Pump lever is removable.
- ◆ According to CE and US standard USA ASME/ANSI B 30/1.1986

| Model   | Capacity tonne | Lifting Range of Foot(mm) | Lifting Range of Head(mm) | Max. Lever Force(kg) | Weight(kg) | Minimum Qty(pcs) |
|---------|----------------|---------------------------|---------------------------|----------------------|------------|------------------|
| HMJ05HD | 5              | 25-230                    | 368-573                   | 38                   | 25         | 20               |
| HMJ10HD | 10             | 30-260                    | 420-650                   | 40                   | 35         | 10               |
| HMJ25HD | 25             | 58-273                    | 505-720                   | 40                   | 102        | 2                |

### TROLLEY



TBT1003  
(TB202A)



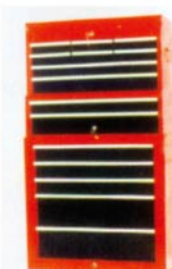
TBT2006A  
(TB221-II A)  
TBT2006A-X  
(TB2210BBS-A)  
TBR2003A  
(TB221-II A)  
TBR2003A-X  
(TB221-II BBS-B)



TBT3006  
(TB205A)  
TBT3006-X  
(TB250BBS-A)  
TBR3007  
(TB205B)  
TBR3007-X  
(TB2050BBS-B)



TBR1002  
(TB202-II A)  
TBR1000A  
(TB202-II B)



TBT2008  
(TB223A)  
TBT2008-X  
(TB2230BBS-A)  
TBI2002A-X  
(TB2220BBS-B)  
TBR2005  
(TB223C)  
TBR2005-X  
(TB2230BBS-C)



TBT3004  
(TB206A)  
TBT3004-X  
(TB22060BBS-AA)  
TBR3003  
(TB206B)  
TBR3003-X  
(TB2060BBS-B)



TBR1204  
(TB201A)  
TBR1201  
(TB201B)



TBI2002  
(TB221B)  
TBT2006  
(TB221A)  
TBR2006-X  
(TB2210BBS-A)  
TBI2002-X  
(TB2210BBS-B)  
TBR2003A  
(TB221-II B)  
TBR2003A-X  
(TB221BBS-C)



TBR2110-X  
(TB2001BBS-A)  
TBS2103  
(TB2001C)  
TBR2108-X  
(TB2001BBS-B)



TBR1306  
(TB220A)  
TBR1302  
(TB220B)



TBT10302A  
(TB220S-B)  
TBR1306  
(TB220A)



TBT2006B  
(TB222A)  
TBI2002A  
(TB222B)  
TBI2002A-X  
(TB2220BBS-B)  
TBR2003B  
(TB222C)

### HAND-AY TOOL BOXES



TBH101  
(TB101)



TBH102  
(TB102)



TBH109  
(TB102C)



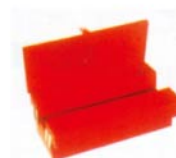
TBH105  
(TB105)



TBH105A  
(TB105A)



TBH110  
(TB110)



TBC121  
(TB121)



TBC122  
(TB122)



TBC122B  
(TB122B)



TBC123 (TB123)  
TBC124 (TB124)



TBC125 (TB125)  
TBC126 (TB126)



TBC127  
(TB127)



TBD131  
(TB131)



TBD132  
(TB132)



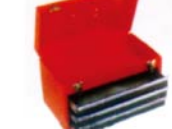
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TBD133  
(TB133)



TBD133A  
(TB133A)



TBD134  
(TB134)



TBP135  
(TB135)



TBP136  
(TB136)



TBP136B  
(TB136B)



TBP137  
(TB137)



TBP139  
(TB139)



TBP140  
(TB140)



## WORDBENCH

**MW100-92C**

NW100-92C  
1000W×550D×927H(mm)

**CTR-BT50**

CTR-BT50  
600W×600D×795H(mm)

**EB15-c4#90**

Wk18-g2  
1800W×700D×860H(mm)

**WK15/WK18**

WK15-G3/WK18-G3  
1500W×700D×860H(mm)  
1800W×700D×860H(mm)

**MW100-92b**

MW100-92b  
100W×500D×1000H(mm)

## Portable mid-rise lift

VL60HE Lifts cars,vans and lightduty trucks for wheel and brake related repair,tire and wheel changing, collision repair work and new car preparation.



Country of Origin:

- ◆ China

Key Specifications/Special Features:

- ◆ Electro-hydraulic system,use electricity as its power,push the hydraulic pump,and lift the load
- ◆ 2 powerful hydraulic cylinders,fast and stable lifting
- ◆ Scissor structure improving the stability and safety when lifting,with four wheels , the unit is easily maneuvered
- ◆ Four rotated holder can support load safelyat any position
- ◆ With safety support machinery ,lifting becomes much safer
- ◆ specifications form 1
- ◆ specifications form 2

## Transmissin jack motorcycle lift

JACK TRANSMISSION ADAPTER

**MODEL LYJ 1  
1 TON CAPACITY****MODEL BG1500  
880LB CAPACITY**

| Model Number | Capacity | Working Range                                                      | Package size                             | Shipping Weight (kg) | 20'Container(pcs) |
|--------------|----------|--------------------------------------------------------------------|------------------------------------------|----------------------|-------------------|
| LYJ 1        | 1 TON    | 195-810mm<br>7-11/16" -31-7/8"                                     | 960X540X420<br>37-13/16"X21-1/4X16-9/16" | 85                   | 120               |
| BG1500       | 880 lb   | angle0(-300)-600<br>L:10" -15/16" -14" -9/16"<br>W:16" H:11" -1/4" | 365X295X170mm<br>14-3/8"X -5/8" X 6-3/4" | 17                   | 950               |

**LJV12**

| MODLE | CAPACITY | A                | B                | C               | D               | E            | F            | DIE SIZE                                   |
|-------|----------|------------------|------------------|-----------------|-----------------|--------------|--------------|--------------------------------------------|
| LJV12 | 12 TON   | 610mm<br>24"     | 545mm<br>21-1/2" | 160mm<br>6-1/4" | 110mm<br>4-3/8" | 330mm<br>13" | 255mm<br>10" | 1/2",3/4",1"<br>1-1/4",1-1/2",2"           |
| LJV16 | 16 TON   | 630mm<br>24-3/4" | 590mm<br>24-3/4" | 185mm<br>7-1/4" | 139mm<br>5-1/2" | 330mm<br>13" | 255mm<br>10" | 1/2",3/4",1",1-1/4"<br>1-1/2",2",2-1/2",3" |

## FEATURES:

- ◆For collecting,depurating, replacing dirty oil;convenient and safety servicing with guage for compressed air output pressure and excessive air pressure protecting instruments.
- ◆Depth of funnel:5"
- ◆Max input air pressure:400psi
- ◆Max output air pressure:10psi

## INTENDED USE:

For collecting and filtering oil of engine and shop machine in repairing, and return oil to engine and shop machine after repairing.

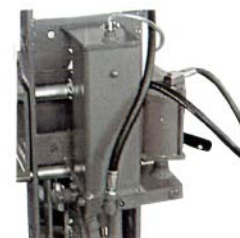
| MODLE | CAPACITY | WORKING RANGE<br>(FUNNEL HEIGHT) | PACKAGE SIZE                                 | SHIPPING<br>WEIGHT (KG) | 20' CONTAINER (PCS) |
|-------|----------|----------------------------------|----------------------------------------------|-------------------------|---------------------|
| SJQ21 | 21 gal   | 1130-1839mm<br>44-1/2"-72-3/8"   | 910×420×490mm<br>35-13/16"×21-1/16"×19-5/16" | 30                      | 120                 |

**SJQ21****HYCQ 50**

**50 TON CAPACITY INTENDED USE:**  
Straightening, bending and pressing.  
removing and installinggears ,  
bearings and bushes.

**HYC 50**

**50 TON CAPACITY INTENDED USE:**  
Without the air pump, others are  
same as model.



| MODLE  | CAPACITY | A               | B              | C               | D               | E              | F             | G               | H          | I              | WORKING RANGE        | PACKAGE SIZE                               | SHIPPING<br>WEIGHT(kg) | 20' CONTAINER<br>(pcs) |
|--------|----------|-----------------|----------------|-----------------|-----------------|----------------|---------------|-----------------|------------|----------------|----------------------|--------------------------------------------|------------------------|------------------------|
| HYCQ50 | 50 TON   | 1120<br>44-1/8" | 800<br>31-1/2" | 1720<br>67-3/4" | 1670<br>65-3/4" | 780<br>30-3/4" | 140<br>5-1/2" | 830<br>32-5/18" | 990<br>39" | 370<br>14-5/8" | 0-780mm<br>0-30-3/4" | 1840×1110×540mm<br>72-1/2"×43-3/4"×21-1/4" | 332                    | 332                    |
| HYC50  | 50 TON   | 1120<br>44-1/8" | 800<br>31-1/2" | 1720<br>67-3/4" | 1670<br>65-3/4" | 780<br>30-3/4" | 140<br>5-1/2" | 830<br>32-5/18" | 990<br>39" | 370<br>14-5/8" | 0-780mm<br>0-30-3/4" | 1840×1110×540mm<br>72-1/2"×43-3/4"×21-1/4" | 330                    | 25                     |



## Long frame aluminum jack



COLOR: RED, SILVER, GOLD, BLACK

MODEL LSC 3000  
3000 LB CAPACITYMODEL LSC 3000 H  
3000 LB CAPACITY

## FEATURES:

- ◆ Lightweight for easy portability.
- ◆ Low profile single piece, front roller.
- ◆ Two pieces oversized knurled aluminum handle.
- ◆ Reaches full lifting height with just 7 pumps.
- ◆ Swivel casters for easy mobility

| Model Number | Capacity | Working Range                | Package size                           | Shipping Weight (kg) | 20'Container(pcs) |
|--------------|----------|------------------------------|----------------------------------------|----------------------|-------------------|
| LSC 3000     | 3000 lb  | 90-447mm<br>3-9/16" -17-5/8" | 740X330X220mm<br>29-1/18"X13"X8-11/16" | 19                   | 500               |
| LSC 3000     | 3000 lb  | 90-447mm<br>3-9-16"-17-5/8"  | 740X330X220mm<br>29-1/18"X13"X8-11/16" | 18                   | 500               |

## Frame straightener 10 ton

FS10HH Exerts 10 ton pressure allowing you to dolly.position heat or weld metal while performing collision d)amage repair operations

## Key Specifications/Special Features:

- ◆ Ideally designed to quickly and precisely straighten badly damaged body and frame.
- ◆ Moving range of anchor post with horizontal pull is 15 degrees
- ◆ Length of horizontal beam is 2930mm, and its strength is good
- ◆ Positioning range of chair on anchor post is 890mm maximum in height

| Model Number | Capacity | Package size                                 | Shipping Weight (kg) | 20'Container(pcs) |
|--------------|----------|----------------------------------------------|----------------------|-------------------|
| FS10HH       | 10 ton   | 3060X475X310mm<br>120-7/15"X18-7/10"X12-1/5" | 250                  | 56                |
| JLZ10        | 10 ton   | 1600X1400X490mm<br>63"X55-1/9"X19-3/10"      | 110                  | 42                |



## Fork Extensions



- ◆ The simple but effective way of lengthening your forks to handle longer loads safely, without damage to the load.
- ◆ Heavy duty steel construction, fit onto forks up to 50mm (2") thickness.
- ◆ Steel retaining strap prevents forks extensions from sliding off forks during use.
- ◆ Sold in pair only.
- ◆ Min. quantities: 10 pairs.

## Cautions:

- ◆ Contact the manufacturer of your forklift for written approval for the use of any fork lift attachments.
- ◆ Fork extension do not exceed length of forks on which they are installed by more than 50%.
- ◆ Capacity is based on length of your fork tine.
- ◆ For each 25mm(1") of extension beyond fork, reduce capacity by:
  - ◆ 77kg(170lbs)per 25 mm(1")on 2000kg (4500lbs)forklift.
  - ◆ 73kg(160lbs)per 25 mm(1")on 2300kg (5000lbs)forklift.
  - ◆ 70kg(155lbs)per 25 mm(1")on 2500kg (5500lbs)forklift.

| Model | Length of Extension | Fit Fork Width | Net Weight Per pair               |
|-------|---------------------|----------------|-----------------------------------|
| EX484 | 48(inch)            | 1219(mm)       | 4(inch) 100(mm) 77.5(lbs) 35(kg)  |
| EX604 | 60(inch)            | 1525(mm)       | 4(inch) 100(mm) 97 (lbs) 44(kg)   |
| EX724 | 72(inch)            | 1830(mm)       | 4(inch) 100(mm) 116(lbs) 53(kg)   |
| EX844 | 84(inch)            | 2134(mm)       | 4(inch) 100(mm) 136(lbs) 62(kg)   |
| EX964 | 96(inch)            | 2435(mm)       | 4(inch) 100(mm) 155(lbs) 70(kg)   |
| EX485 | 48(inch)            | 1219(mm)       | 5(inch) 125(mm) 87(lbs) 39(kg)    |
| EX605 | 60(inch)            | 1525(mm)       | 5(inch) 125(mm) 108(lbs) 49(kg)   |
| EX725 | 72(inch)            | 1830(mm)       | 5(inch) 125(mm) 130(lbs) 59(kg)   |
| EX824 | 82(inch)            | 2085(mm)       | 4(inch) 100(mm) 133(lbs) 60(kg)   |
| EX825 | 82(inch)            | 2085(mm)       | 5(inch) 125(mm) 148(lbs) 67(kg)   |
| EX845 | 84(inch)            | 2134(mm)       | 5(inch) 125(mm) 152(lbs) 69(kg)   |
| EX965 | 96(inch)            | 2435(mm)       | 5(inch) 125(mm) 173(lbs) 79(kg)   |
| EX486 | 48(inch)            | 1219(mm)       | 6(inch) 150(mm) 94(lbs) 43(kg)    |
| EX606 | 60(inch)            | 1525(mm)       | 6(inch) 150(mm) 117.5(lbs) 53(kg) |
| EX726 | 72(inch)            | 1830(mm)       | 6(inch) 150(mm) 141(lbs) 64(kg)   |
| EX846 | 84(inch)            | 2134(mm)       | 6(inch) 150(mm) 164.5(lbs) 75(kg) |
| EX966 | 96(inch)            | 2435(mm)       | 6(inch) 150(mm) 188(lbs) 85(kg)   |



| MODEL   | CAPACITY(LB) | MIN HT(MM) | MAX HT(MM) | PLATFORM SIZE(MM) | RAMP SIZE(MM) | N.W.(KG) | G.W.(KG) | PACKAGESIZE(CM) | 40FT CNTR (PCS) |
|---------|--------------|------------|------------|-------------------|---------------|----------|----------|-----------------|-----------------|
| ML37HH  | 1000         | 175        | 750        | 2200x680          | 650x680       | 127      | 158      | 227.5x74.5x20   | 150             |
| SD1001A | 1000         | 175        | 750        | 2060x550          | 650x550       | 121      | 148      | 212x64x22       | 162             |
| SD1002  | 800          | 205        | 780        | 1345x490          | 855x490       | 95       | 115      | 150x69x25       | 192             |
| ML37HA  | 800          | 205        | 780        | 2200x490          | 855x490       | 105      | 136      | 158x70x30.5     | 168             |
| ML13HS  | 800          | 205        | 780        | 1345x490          | 855x490       | 93       | 113      | 150x69x25       | 192             |
| SD1005  | 1000         | 175        | 750        | 2200x680          | 650x690       | 135      | 166      | 227.5x74.5x20   | 144             |
| SD1005A | 1000         | 175        | 750        | 2060x550          | 650x550       | 129      | 147      | 212x64x22       | 162             |
| ML40HH  | 1000         | 195        | 780        | 1825x660          | 690x660       | 129.5    | 160.5    | 210x84.5x24     | 126             |
| ML40HA  | 1000         | 195        | 780        | 1825x660          | 690x660       | 127      | 158.5    | 210x81x24       | 126             |
| ML75HA  | 1500         | 185        | 825        | 1995x1190         | 650x1190      | 21       | 22       | 121.5x67.5x4.5  | 71              |
|         |              |            |            |                   |               | 13       | 15.5     | 62.5x26.5x23    |                 |

## SHOP PRESS



| MODEL  | CAPACITY (TON) | STROKE (MM) | WORKING RANGE (MM) | BED WIDTH (MM) | AIR PRESSURE (MPa) | AIR INLET | N.W.(KG) | G.W.(KG) | PACKAGE SIZE(CM) | 20FT CNTR (PCS) |
|--------|----------------|-------------|--------------------|----------------|--------------------|-----------|----------|----------|------------------|-----------------|
| SP20HH | 20             | 190         | 0~955              | 550            | /                  | /         | 59.5     | 61       | 156x19.5x13.5    | 215             |
|        |                |             |                    |                |                    |           | 33       | 34.5     | 73x27x17         |                 |
| SP20HA | 20             | 190         | 0~955              | 550            | 0.75~0.85          | 1/4"NPT   | 56.2     | 58       | 156x19.5x13.5    | 218             |
|        |                |             |                    |                |                    |           | 35       | 37       | 69x27x16.5       |                 |
| SD0806 | 40             | 190         | 0~1040             | 660            | 0.75~0.85          | 1/4"NP    | 215      | 245      | 198x49x28.5      | 88              |
| SD0807 | 45             | 190         | 0~800              | 820            | 0.75~0.85          | 1/4"NP    | 265      | 330      | 180x109x50       | 55PCS/40'HQ     |
| SD0809 | 20             | 190         | 0~990              | 550            | /                  | /         | 128      | 145      | 160x76x27        | 80              |
| SD0810 | 10             | 190         | 0~430              | 380            | /                  | /         | 65.5     | 85       | 104x63x35.5      | 108             |



## Hand Pallet Trucks

### PT Series

One of Best Selling in World.

- ◆ ne of Best Selling in World.
- ◆ 3 years warranty pump: a built in overload valve and totally sealed hydraulic pump.
- ◆ German seal kit offers long span life of pump for 3 years warranty .
- ◆ Heavy duty and reinforced forks for greatest strength and durability.
- ◆ 2 nylon entry and exit rollers prevent physical exertion of the operator and protect load rollers and pallet
- ◆ Oilless bushings at key points offer you less operating force and longer span life of pallet truck

| Model                       | PT20S                                                  | PT20L | PT25S | PT25L | PT30S | PT30L |
|-----------------------------|--------------------------------------------------------|-------|-------|-------|-------|-------|
| Capacity(kg)                | 2000                                                   | 2000  | 2500  | 2500  | 3000  | 3000  |
| Max .Fork Height(mm)        | 205(or 195)                                            |       |       |       |       |       |
| Min. Fork Height(mm)        | 85(or 75)                                              |       |       |       |       |       |
| Fork Length(mm)             | 1150                                                   | 1220  | 1150  | 1220  | 1150  | 1220  |
| Width Overall Forks(mm)     | 540                                                    | 680   | 540   | 680   | 540   | 680   |
| Individual Fork Width(mm)   | 160                                                    |       |       |       |       |       |
| Load Roller Diameter(mm)    | §11 82 x70( or §11 70 x70) Nylon ,Polyurethane         |       |       |       |       |       |
| Steering Wheel Diameter(mm) | §11 200X50( or §11180 x50) Nylon, Polyurethane, Rubber |       |       |       |       |       |
| Net Weight(kg)              | 78                                                     | 82    | 80    | 84    | 85    | 89    |



## Grip Puller

### CP Series

Characteristics:

- ◆ accurate operation.
- ◆ Virtuall maintenance-free.
- ◆ Body made of high-strength cast aluminium with low own weight.
- ◆ Shearing pin breaks at 25% overload and operating lever bends at an overload of approximately 50%.
- ◆ Shearing pin can be replaced under full load.
- ◆ Spare shearing pins are located in the transport handle or in the operating lever (GP-0.8)
- ◆ Wire rope set; the standard wire rope length is 20 metres,30,40,50 metres are available as option.
- ◆ Conforms to CE safety standard.

Options:

- ◆ Wire rope set: the standard wire rope lengths are 20, 30, 40,50, and 60 metres.

| Type   | WLL (vertical)<br>(kg) | Hand effort<br>max (kg) | Lever Length<br>(kg) | Wire rope<br>diameter (kg) | Lifting height at 1<br>movement of lever (mm) | Weight without<br>rope(kg) | Weight 20m<br>rope (kg) |
|--------|------------------------|-------------------------|----------------------|----------------------------|-----------------------------------------------|----------------------------|-------------------------|
| CP0800 | 800                    | 32                      | 740                  | 8.3                        | 52                                            | 6.1                        | 6                       |
| CP1600 | 1600                   | 42                      | 1200                 | 11                         | 55                                            | 11.9                       | 12                      |
| CP3200 | 3200                   | 44                      | 1200                 | 16                         | 28                                            | 22                         | 22                      |

## Forklift Seat

### FS12 FS13

#### Model FS12 Vinyl, FS13 Cloth

Fore and aft adjustment 150mm in increments of 15mm.  
Suspension stroke 40mm.  
Weight adjustment 110-265 lbs infinitely.  
Angle adjustment of backrest infinitely 15;ã  
Overall size:508x483x483mm.



FS13



FS12

## Semi-Electric Stacker

### MS.A series

- ◆ Compact design and reliable mast construction.
- ◆ Safely guard on load roller and steering wheel.
- ◆ Light and easy manual steering system.
- ◆ Capacity:1000kg
- ◆ Lifting height:1600-2500 mm
- ◆ Conforms to EN1757-1:2001,EN1727 .



| Model               | MS1016A | MS1025A              |
|---------------------|---------|----------------------|
| Capacity(kg)        | 1000    | 1000                 |
| Max.Fork Height(mm) | 1600    | 2500                 |
| Min.Fork Height(mm) | 90      | 90                   |
| Overall Length(mm)  | 1420    | 1420                 |
| Overall Width(mm)   | 700     | 785                  |
| Overall Height(mm)  | 1950    | 1935(two stage mast) |

## Crane Fork



- ◆ No slings or chains necessary
- ◆ Crane operator will not need to leave cab of lorry or crane
- ◆ Forks will remain horizontal when loaded and unloaded
- ◆ Adjustable fork width
- ◆ Adjustable height

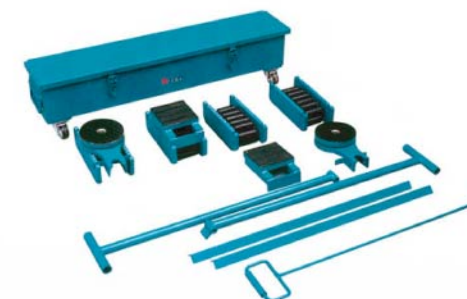


## High Lift Pallet Truck

| Model                 | HL540M |
|-----------------------|--------|
| Type                  | Manual |
| Capacity (kg)         | 100    |
| Min./Max. Height (mm) | 85/800 |
| Fork Width (mm)       | 540    |
| Fork Length (mm)      | 1150   |
| Battery (V-Ah)        |        |
| Net Weight (kg)       | 112    |

| Model | Work Load Limit<br>WWL tonne | Adjustable fork width<br>b mm | Hook height<br>h1 mm | Effective height<br>h mm | Fork Length<br>l mm | Fork cross<br>D mm | Overall size<br>L×W×H mm | Nt weight<br>kg |
|-------|------------------------------|-------------------------------|----------------------|--------------------------|---------------------|--------------------|--------------------------|-----------------|
| CK10  | 1                            | 350-900                       | 1390-1890            | 1100-1600                | 1000                | 100×30             | 1120×920×1390            | 130             |
| CK20  | 2                            | 400-900                       | 1640-2340            | 1300-2000                | 1000                | 120×40             | 1140×920×1640            | 200             |
| CK30  | 3                            | 450-900                       | 1670-2370            | 1300-2000                | 1000                | 120×50             | 1140×920×1670            | 250             |
| CK50  | 5                            | 530-1000                      | 1700-2400            | 1300-2000                | 1000                | 150×60             | 1160×1020×1700           | 370             |

## Complete Skate Kits



Including 4 roller skates, 2 turntables, 2 packing plates, 2 steering handles, 2 link-up bars, one draw bar, one metal box.

- ◆ For short, variable transportation distances.
  - ◆ For installation works and movement of heavy loads.
  - ◆ The steering handle give you precise control making it easy to manoeuvre large machinery or into tight areas.
- Moving speed no exceeding 5m/min.  
Minimum turning circle is 3m.

| Model                  | SK20MM | SK30MM | SK60MM |
|------------------------|--------|--------|--------|
| Capacity (tonne)       | 20     | 30     | 60     |
| Length Support (mm)    | 120    | 120    | 130    |
| Width Support (mm)     | 120    | 120    | 130    |
| Total Height (mm)      | 108    | 117    | 140    |
| Rollers Dia. (mm)      | Φ18    | Φ24    | Φ30    |
| Swivel Top (mm)        | Φ130   | Φ130   | Φ150   |
| Net Weight of Kit (kg) | 50     | 58     | 92     |

## Steerable Skates

They incorporate a 1 meter drawbar and a platform that swivels on a thrust bearing allowing movement around bends

| Model                | SK03HS      | SK06HS      | SK12HS      |
|----------------------|-------------|-------------|-------------|
| Capacity (tonne)     | 3           | 6           | 12          |
| Type of roller       | nylon       | nylon       | steel       |
| No.of roller         | 4           | 8           | 8           |
| Roller size Φ×W(mm)  | Φ85×90      | Φ85×90      | Φ83×85      |
| Dimensions L×W×H(mm) | 310×255×105 | 630×400×115 | 630×400×115 |
| Weight (kg)          | 15          | 50          | 66          |



SK03HS

SK06HS

SK12HS



## Adjustable Skates



The adjustable skates are actually 2 skates each, they are connected by two steel rods making one skate adjustable from 500mm to 1400mm (model CM60) and 720mm to 1500mm (model CM120 and CM240)

| Model                       | SK06H8      | SK12H8      | SK24H8      |
|-----------------------------|-------------|-------------|-------------|
| Capacity (tonne)            | 6           | 12          | 24          |
| Type of Roller              | nylon       | nylon       | steel       |
| Number of Roller (pcs)      | 8           | 12          | 16          |
| Skate Dimensions LxWxH (mm) | 300x250x115 | 360x220x115 | 360x220x115 |
| Net Weight (kg)             | 30          | 38          | 65          |

## Lift Table



LT11HE  
LT22HE

| Model                | LT11HE        | LT22HE    |
|----------------------|---------------|-----------|
| Capacity (kgs)       | 2000          | 2000      |
| Lowered Height (mm)  | 230           | 230       |
| Raised Height (mm)   | 1050          | 1050      |
| Platform Size (mm)   | 1300x850      | 1600x1000 |
| Base Frame Size (mm) | 1220x785      | 1220x785  |
| Lift Time (seconds)  | 20            | 20        |
| Power Pack           | 380V/50HZ, AC | 1.5 kw    |
| Net Weight (kgs)     | 235           | 268       |

## Manual Furniture Mover



MF060HW

| Model                    | MF060HW     |
|--------------------------|-------------|
| Load Capacity (kg)       | 600         |
| Lifting Height (mm)      | 300         |
| Lifting Plate WxD (mm)   | 225x120     |
| Wheel, Polyurethane (mm) | Φ125        |
| Overall Size LxWxH (kg)  | 570x390x780 |
| Net Weight               | 25          |

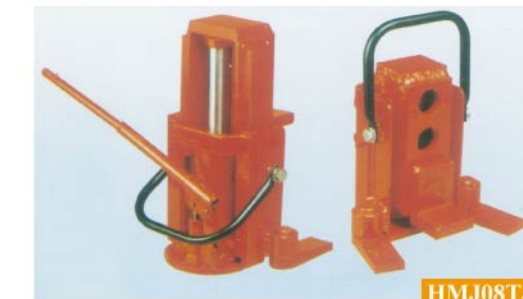
## Hydraulic Furniture Mover



MF180HW

| Model                    | MF180H       | MF180HW      |
|--------------------------|--------------|--------------|
| Load Capacity (kg)       | 1800         | 1800         |
| Lifting Height (mm)      | 100          | 250          |
| Lifting Plate WxD (mm)   | 600x60       | 600x60       |
| Wheel, Polyurethane (mm) | Φ150         | Φ150         |
| Overall Size LxWxH (kg)  | 680x420x1000 | 680x420x1070 |
| Net Weight               | 80           | 86           |

## Toe Jack



HMJ08TJ

| Model                | HMJ03TJ | HMJ08TJ |
|----------------------|---------|---------|
| Capacity (tonne)     | 3       | 8       |
| Lifting Height (mm)  | 130     | 140     |
| Min. Toe Height (mm) | 15      | 25      |
| Lifting Range (mm)   | 15-240  | 25-295  |
| Net Weight           | 21.5    | 28      |

## Steel Jack

- ◆ In accordance with DIN 7355 (type HVS).
- ◆ Suitable for lifting loads of any type
- ◆ With lifting body.
- ◆ Safety crank with folding handle.
- ◆ Type HKB comes with low body height.
- ◆ Lifting either with fixed toe or on clawed head
- ◆ All construction components standardized
- ◆ Low expenditure of force through optimal ratio



| Model                                  | SJ015 | SJ030 | SJ050 | SJ100 | SJ200 |
|----------------------------------------|-------|-------|-------|-------|-------|
| Safety Working Load (tonne)            | 1.5   | 3     | 5     | 10    | 20    |
| Height of Jack Body (mm)               | 725   | 725   | 725   | 800   | 810   |
| Lifting Height (mm)                    | 330   | 330   | 300   | 300   | 340   |
| Height of Clawing Lowest Position (mm) | 70    | 75    | 75    | 85    | 95    |
| Net Weight                             | 12    | 20    | 24    | 42    | 63    |

## ZF505-1W/ ZF505LED

- TECHNICAL DETAILS:
- ◆ 1 watt "Luxeon Star"
  - ◆ Use 2x "AA" Batteries
  - ◆ DC-DC control circuit and voltage-rising circuit inside
  - ◆ Output power: 25 Lumen
  - ◆ Burn time: 20 hrs
  - ◆ Water Resistant
  - ◆ Packing: Blister or Gift Box

QTY/CTN: 60pcs  
G.W/N.W: 10/8Kgs  
MEAS: 69x28x25.5cm

## ZF907LED

QTY/CTN: 60pcs  
G.W/N.W: 12/10Kgs  
MEAS: 76.5x45x35.5cm

## ZF6502T1

- TECHNICAL DETAILS:
- ◆ Hands-Free convenience
  - ◆ Great for Bicycling, Hiking, Working
  - ◆ Use 3xAAA Batteries
  - ◆ 3LEDS + 1Krypton
  - ◆ 6LEDS + 1Krypton
  - ◆ 7LEDS + 1Krypton
  - ◆ 14LEDS, 19LEDS

QTY/CTN: 60pcs  
G.W/N.W: 8/6Kgs  
MEAS: 67.5x62x26.5cm

## ZF502

Use 2xAAA Batteries

- TECHNICAL DETAILS:
- ◆ Heavy Duty aluminum
  - ◆ Water AND Shock resistant
  - ◆ Krypton Bulb (Spare Bulb included)

## ZF501

Use 1xAAA Batteries

- TECHNICAL DETAILS:
- ◆ Heavy Duty aluminum
  - ◆ Water AND Shock resistant
  - ◆ Krypton Bulb (Spare Bulb included)

## ZF6508 / ZF6508-1

- TECHNICAL DETAILS:
- ◆ Hands-Free convenience
  - ◆ Great for Bicycling, Hiking, Working
  - ◆ Use 3xAAA Batteries
  - ◆ 8 LEDES or 8 White Led + 2 Red Flashing Led
- QTY/CTN: 24pcs  
G.W/N.W: 7/6Kgs  
MEAS: 63.5x36.5x23.5cm

## ZF3803LED

- ◆ 3 LEDs wind-up flashlight never needs batteries
- ◆ simply shake clock wise for 30 seconds for 20 min of power
- ◆ switch from one to three LED
- ◆ Compact design with comfortable grip

## ZF6863

1 watt "Luxeon Star"  
Use 3x "D" Batteries

## ZF2207-1W

- TECHNICAL DETAILS:
- ◆ 1 watt "Luxeon Star"
  - ◆ Use 2x "C" Batteries
  - ◆ DC-DC control circuit and voltage-rising circuit inside
  - ◆ Output power: 25 Lumen
  - ◆ Burn time: 20 hrs
  - ◆ Water Resistant
  - ◆ Packing: Double blister

## ZF6804

- TECHNICAL DETAILS:
- ◆ 6V DC 500MA battery charger
  - ◆ 12LEDS on
  - ◆ 24LEDS on
  - ◆ 36LEDS on



**IW10LT**

1" Impact Wrench  
Air Inlet: 1/2"  
Air Pressure: 0.8Mpa  
Free Speed: 4500r.p.m  
Max Torque: 2200N.m  
Net Weight: 14.5Kg

**IW12**

1/2" Impact Wrench  
(Rocking Dog Clutch)  
Package: Color Box  
20": 6640, 40"HQ: 15415

| Free Speed<br>RPM | Average Air<br>Consumption<br>(25%)scfm | Max Torque<br>N-M FT-LB | Clutch Type | Bolt Capacity<br>mm in | Exhaust | Length<br>mm in | Weight<br>Kg Lb | Air Pressure<br>psi kg/cm2 | Air Inlet | Per Ctn<br>Pcs | Size of Ctn<br>cm | G.W./N.W.<br>kgs |
|-------------------|-----------------------------------------|-------------------------|-------------|------------------------|---------|-----------------|-----------------|----------------------------|-----------|----------------|-------------------|------------------|
| 7000              | 4                                       | 312 230                 | Rocking Dog | 14 9/16"               | Front   | 180 7.09        | 2.20 4.84       | 90 6.3                     | 1/4"      | 6              | 37.5x27.5x24.5    | 16/15            |

**IW12S**

1/2" Impact Wrench (Twin Hammer)  
Package: Color Box  
20": 7044, 40"HQ: 16352

| Free Speed<br>RPM | Average Air<br>Consumption<br>(25%)scfm | Max Torque<br>N-M FT-LB | Clutch Type | Bolt Capacity<br>mm in | Exhaust | Length<br>mm in | Weight<br>Kg Lb | Air Pressure<br>psi kg/cm2 | Air Inlet | Per Ctn<br>Pcs | Size of Ctn<br>cm | G.W./N.W.<br>kgs |
|-------------------|-----------------------------------------|-------------------------|-------------|------------------------|---------|-----------------|-----------------|----------------------------|-----------|----------------|-------------------|------------------|
| 7                 | 4                                       | 610 450                 | Twin Hammer | 16 5/8"                | Handle  | 210 8.27        | 2.6 5.73        | 90 6.3                     | 1/4"      | 8              | 4.5x23x31         | 24/23            |

**MAG01**

Mini Die Grinder Kit Rpm25000  
Contents: 1pc-WFG-1010 6mm or 1/4"  
Mini Die Grinder  
2pcs-hand wrenches  
5pcs-3mm(1/8")mounted grinding stones  
5pcs-6mm(1/4")mounted grinding stones  
1pc-3mm(1/8")collet  
1pc-nipple  
1pc-blow mold case  
PER CTN: 10sets  
Package: Color Sleeve  
Size of CTN: 43X24.5X35CM  
G.W./N.W.: 14/12Kgs  
20": 7588, 40"HQ: 17615

**MAG02**

Die Grinder Kit Rpm22000  
Contents:  
1pc-WFG-1310 6mm or 1/4" air die grinder  
2pcs-hand Wrenches  
5pcs-3mm(1/8")Mounted Grinding Stones  
5pcs-6mm(1/4")Mounted Grinding Stones  
1pc-3mm(1/8")collet  
1pc-nipple  
1pc-blow mold case  
Per CTN: 10 Sets  
Package: Color Sleeve  
Size of CTN: 42.5X24.5X29.5cm  
G.W./N.W.: 14/12kgs  
20": 9120, 40"HQ: 21172

**IW1K01**

1/2" Air Impact Kit Rpm7000  
N-m 312 ft-lb 230  
Contents:  
1pc-WFI-1070 1/2" Air Impact Wrench  
1pc-4mm Hex Key Wrench  
1pc-1/2" dr 125mm Extension Bar  
1pc-oil pot  
10pc-1/2"dr Sockets: 9, 10, 11, 13, 14, 17, 19, 22, 24, 27mm  
1pc-Nipple  
1pc-mini Oiler(Or Univ.Joint)  
1pc-Blow Mold Case  
Per CTN: 6Sets  
Package: Color Sleeve  
Size of CTN: 54x28x31  
G.W./N.W.: 27/25Kgs  
20": 3582, 40"HQ: 8315

**AS61****AS62**

| MODLE | Free speed<br>RPM | Average air consumption<br>(25%) scfm | PAD<br>in mm | ANGLE | Exhaust   | Length<br>mm in | Weight<br>kg Lb | air pressure<br>psi kg/cm <sup>2</sup> | Air Inlet |
|-------|-------------------|---------------------------------------|--------------|-------|-----------|-----------------|-----------------|----------------------------------------|-----------|
| AS61  | 10000             | 4                                     | 6" 150       | 90°   | Botton    | 227 8.94        | 1.73 3.81       | 90 6.3                                 | 1/4"      |
| AS62  | 10000             | 4                                     | 5" 127       | 90°   | Rear 360° | 255 10.04       | 1.74 3.84       | 90 6.3                                 | 1/4"      |

**WFG-1310**

Air Die Grinder

| Free Speed<br>RPM | Average Air<br>Consumption<br>(25%)scfm | Collet<br>In mm | Exhaust  | Length<br>mm in | Weight<br>Kg Lb | Air Pressure<br>psi kg/cm2 | Air Inlet | Per Ctn<br>Pcs | Size of Ctn<br>cm | G.W./N.W.<br>kgs |
|-------------------|-----------------------------------------|-----------------|----------|-----------------|-----------------|----------------------------|-----------|----------------|-------------------|------------------|
| 22000             | 4                                       | 1/8", 1/4"      | 3.6 Rear | 173 6.81        | 0.582 1.283     | 90 6.3                     | 1/4"      | 8              | 40.5x24x30        | 16/15            |

**WFG-1010**

Mini Air Die Grinder

| Free Speed<br>RPM | Average Air<br>Consumption<br>(25%)scfm | Collet<br>In mm | Exhaust   | Length<br>mm in | Weight<br>Kg Lb | Air Pressure<br>psi kg/cm2 | Air Inlet | Per Ctn<br>Pcs | Size of Ctn<br>cm | G.W./N.W.<br>kgs |
|-------------------|-----------------------------------------|-----------------|-----------|-----------------|-----------------|----------------------------|-----------|----------------|-------------------|------------------|
| 25000             | 4                                       | 1/8", 1/4"      | 3.6 Front | 125 4.92        | 0.36 0.78       | 90 6.3                     | 1/4"      | 40             | 29x26x25          | 17/15            |

**SG01K4**

4PC H.V.L.P. SPRAY GUN KIT  
Dual set-ups allow you to  
dedicate each gun to a specific use  
—Dual set-ups  
1.4mm, 0.8mm, 1.7mm  
1000ml aluminum cup  
& 100ml aluminum cup  
—Regulator  
5sets/58x59x44cm 19/16kgs

**SG01K3**

3PC H.V.L.P. SPRAY GUN KIT  
Dual set-ups allow you to  
dedicate each gun to a specific use  
—Dual set-ups  
1.4mm, 1.7mm  
1000ml aluminum cup  
—regulator  
5sets/62x47x43cm 15/13kgs

**RAH10**

Air hose  
Available material: Rubber

**PAH10**

Air hose  
Available material: PVC  
10m: 20pcs 43x42x52cm 24/22kgs  
15m: pcs 45x23x53cm 17/15kgs  
20": 5100, 40HQ: 11839

**SAH10**

Spiral air hose with connectors  
Available material: PU, PE  
Length:  
5m: 100pcs 66x43x43cm  
20": 22950, 40HQ: 53278  
10m: 50pcs 66x43x43cm  
20": 11475, 40HQ: 26639  
4m: 100pcs 53x43x44cm  
20": 27916, 40HQ: 64805  
8m: 50pcs 53x43x44cm  
20": 13958, 40HQ: 32402  
12m: 25pcs 43x40x44cm  
20": 19247, 40HQ: 21466  
7.5m: 50pcs 50x43x43cm  
20": 15135, 40HQ: 35135  
15m: 20pcs 51x43x34.5cm  
20": 7397, 40HQ: 17173

**GG01**

AIR GREASE GUN  
Epochal, innovative achievement for  
constructional improvement designed facility  
Fully automatic, cycles continuous  
grease flow with trigger depressed.  
Exclusive air piston design assures  
consistent priming  
Heavy-duty spring for prime retention  
Air Pressure: 30-90PSI  
Air Inlet: 1/4"  
capacity: 450cc  
Color box 10PCS 40x37x37cm 14/13KGS  
20": 5109, 40"HQ: 11861

**PT10C**

Paint tank holds up to 8 liter of high  
production use.  
8 liter. Heavy-duty Paint tank with air  
Regulator and ring-pull Safety Valve.  
Safety Valve. Specification:  
Material Feed: Pressure,  
tank 8 liter paint tank with 80" of air  
and fluid hoses.

Color Box: 1PCS 29x29x40cm 12/14KGS  
20": 833, 40"HQ: 1934  
Air Inlet: 1/4"NPS Fluid Inlet: 3/8"NPS  
Compressor Required: 2HP  
Fluid Nozzle Orifice mm: 1.0  
Air Consumption SCFM: 12.5  
Required Air Pressure Psi: 50



## LATHE MACHINE



LM1340G

NORTON LEVER &amp; CLOSED BOX, YOU CAN SELECT ONE.

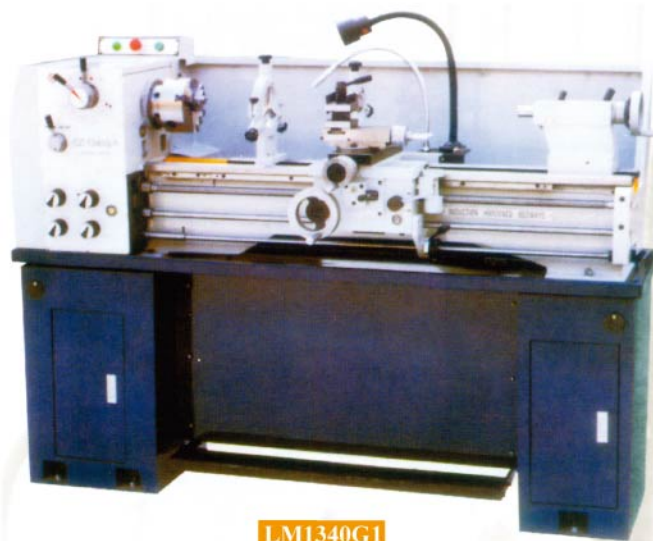
|                            |                                |
|----------------------------|--------------------------------|
| MODE                       | CZ1324G                        |
| MAIN DATA                  |                                |
| Swing over bed             | 330mm                          |
| Distance between centers   | 530mm                          |
| Swing over gap             | 480mm                          |
| Swing over carriage        | 195mm                          |
| SPINDLE                    |                                |
| Spindle hole               | 38mm                           |
| Taper of spindle           | M.T.5                          |
| Step of speed              | 9 kinds                        |
| Range of speed             | 64-1500r.p.m.(50Hz)            |
| FEED SYSTEM                | 60Hz                           |
| Thread of lead screw       |                                |
| Metric thread can open     | 8 T.P.I.                       |
| Inch thread can open       | 0.25-7.5mm                     |
| Range of feed amount       | 4-112T.P.I.                    |
| SADDLE AND CARRIAGE        |                                |
| Saddle travel              | 510mm                          |
| Cross travel               | 150mm(5-29/32")                |
| Compound travel            | 90mm(3-6/11")                  |
| TALK STOOCKI               |                                |
| Barrel travel              | 100mm                          |
| Taper of center            | M.T.3                          |
| MOTOR                      |                                |
| Voltage/Frequency          | AS CUSTOMER'S REQUIREMENT      |
| Power                      | 1.1kw(1.5HP)                   |
| SHIPMENT DATA              |                                |
| Packing size Machine       | 1420X740X750mm                 |
| Stand(Large, Small)        | 415X360X680mm<br>290X360X680mm |
| N.weigh/G. weight(machine) | 382kg/432kg                    |
| N.weigh/G. weight(stand)   | 60kg/65kg                      |
| Loading amount             | 270 pcs/20'container           |

## ACCESSORIES

1. Tool post wrench
2. Double end wrench
3. Allen wrenches
4. Screw driver
5. Centers(M.T.3)
6. Center sleeve(M.T.3)
7. Change gears
8. Oil gun
9. Tool box
10. Steady rest
11. Follow rest
12. 3-Jaw chuck



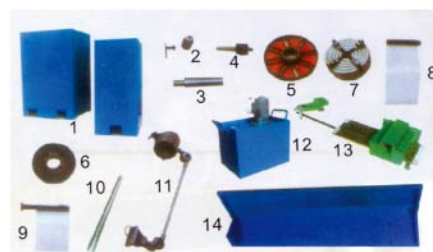
## BENCHLATHE



LM1340G1

|                                     |                           |
|-------------------------------------|---------------------------|
| MODE                                | LM1340G1                  |
| MAIN DATA                           |                           |
| Swing over bed                      | 13"(330mm)                |
| Distance between centers            | 40"(100mm)                |
| Swing over gap                      | 18-3/4(476mm)             |
| SPINDLE                             |                           |
| Spindle hole                        | 1-1/2"(38mm)              |
| Spindle nose                        | D 1-4"ASA Std. (ISO)      |
| Taper of spindle nose               | M.T.5                     |
| Step of speed                       | 8 steps                   |
| Range of speed                      | 70-2000r/min              |
| THREAD CUTTING                      |                           |
| Inch thread(34kinds)                | 4-56t.p.i.                |
| Metric thread(26kinds)              | 0.4-7.0mm                 |
| FEED                                |                           |
| Longitudinal feeds(inch)(32kinds)   | 0.002-0.0548"/rev         |
| Longitudinal feeds(metric)(32kinds) | 0.052-1.392mm/rev         |
| Cross feeds(inch)(34kinds)          | 0.0007-0.0187"/rev        |
| Cross feeds(metric)(34kinds)        | 0.014-0.380mm/rev         |
| TAIL STOCK                          |                           |
| Diameter of barrel                  | 1-1/4"(32mm)              |
| Barrel travel                       | 3-3/4"(95mm)              |
| Taper of barrel                     | M.T.3                     |
| MOTOR                               |                           |
| Voltage/Frequency                   | AS CUSTOMER'S REQUIREMENT |
| Power                               | 1.5kw(2HP)                |
| SHIPMENT DATA                       |                           |
| Packing size Machine                | 1920X760X760mm            |
| Stand(Large, Small)                 | As customer's requirement |
| N.weigh/G. weight(machine)          | 500kg/50kg                |
| Loading amount                      | 18 pcs/20'container       |

1. Machine stand
2. Drilling chuck
3. Taper shank
4. Live center
5. Face plate
6. Back plate for 4-jaw chuck
7. 4-jaw chuck
8. Protection for toolpost
9. Protection for chuck
10. Protection for leadscrew
11. Working lamp
12. Cooling pump
13. Taper attachment
14. Splash guard
15. Foot brake



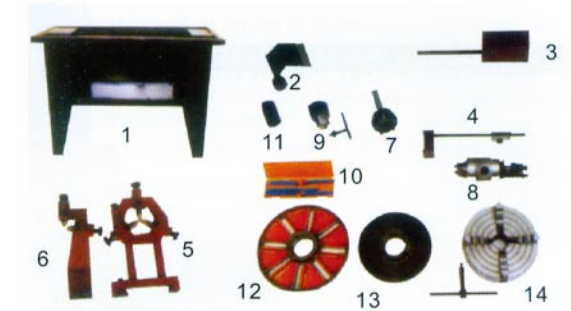
## ACCESSORIES

## MULTI-PURPOSE MACHINE



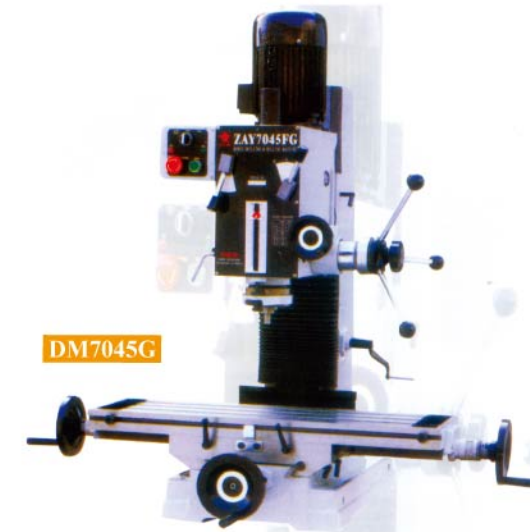
DL400B3

DL800



## ACCESSORIES

1. Maching stand
2. Protection for toolpost
3. Protection for chuck
4. Protection spindle of drilling and milling unit
5. Steady rest
6. Follow rest
7. Milling cutter holder
8. Reversible thread tapping tools
9. Drill chuck
10. Lathe tools
11. Protection for lead screw
12. Face plate
13. Back plate for 4-jaw chuck
14. 4-jaw chuck



DM7045G

## MILLING &amp; DRILLING MACHINE

|                                                          |                                          |
|----------------------------------------------------------|------------------------------------------|
| MODE                                                     | DM7045G                                  |
| Drilling capacity                                        | 45mm                                     |
| Face milling capacity                                    | 80mm                                     |
| end milling capacity                                     | 32mm                                     |
| Max. distance from spindle nose to table                 | 450mm                                    |
| Min distance from spindle axis to column                 | 260mm                                    |
| Spindle travel                                           | 130mm                                    |
| Spindle taper                                            | M.T.4 of R8                              |
| Step of speed                                            | 6                                        |
| Range of spindle speed                                   | 80-1250r.p.m.<br>95-1500r.p.m.           |
| Swivel angle of head stock<br>(Head stock perpendicular) | +90                                      |
| Size of table                                            | 800x240mm:700X240mm                      |
| Forward and backward travel of table                     | 175mm                                    |
| Left and right travel of table                           | 500mm:400mm                              |
| Power                                                    | 1.5kw(2HP)                               |
| Voltage/Frequency                                        | As customer's requirement                |
| Overall height(Without stand)                            | 1020mm                                   |
| Net weight                                               | 325kg                                    |
| Gross weight                                             | 375kg                                    |
| Packing size                                             | 880X770X1140mm<br>1030X832X1140mm        |
| Loading amount(Size of table)                            | 800X240mm<br>700X240mm                   |
|                                                          | 28pcs/20'container<br>36pcs/20'container |

|                                                 |                                 |
|-------------------------------------------------|---------------------------------|
| MODE                                            | DL400B3(DL800)                  |
| TURNING                                         |                                 |
| Swing over bed                                  | 420mm                           |
| Distance between centers                        | 500mm(CNC HQ800:740/200mm)      |
| Max. longitudinal travel/Max. cross travel      | 400mm/200mm(CNCHQ800:740/200mm) |
| Taper of spindle                                | M.T.4                           |
| Spindle hole                                    | O28mm                           |
| Step of speed/Range of speed                    | 7/160-1360r.p.m.                |
| Barrel travel                                   | 70mm                            |
| Taper of center                                 | M.T.3                           |
| Metric thread can be cut                        | 0.2-6mm                         |
| Inch thread can be cut                          | 4-120T.P.I.                     |
| Longitudinal range of automatic feeding         | 0.05-0.35mm(0.002-0.014")       |
| Cross range of automatic feeding                | 0.05-0.35mm(0.002-0.014")       |
| DRILLING & MILLING                              |                                 |
| Drilling capacity                               | O22mm                           |
| Table size(LXW)                                 | 475X160mm2                      |
| End mill capacity                               | O28mm                           |
| face mill capacity                              | O80mm                           |
| Max. distance between spindle center and column | 285mm                           |
| Max. distance between spindle nose and table    | 306mm                           |
| Spindle travel                                  | 110mm                           |
| Spindle taper                                   | M.T.3                           |
| Steps of spindle speed/Range of spindle speed   | 16/120-3000r.p.m.               |
| Swiveling angle of headstock                    | +180                            |
| MOTOR                                           |                                 |
| Main motor power/Drilling and milling motor     | 0.55kw/0.55kw                   |
| Voltage/Frequency                               | As customer's requirement       |
| Motor speed                                     | 1400r.p.m.                      |
| NUMERICAL CONTROL PARAMETER                     |                                 |
| Program form                                    | ISO Program code ISO            |
| Number of control shaft                         | Three shaft                     |
| Number of shaft                                 | Three shaft transmission        |
| Max. programing size                            | +99999.999mm                    |
| Pulsing equivalent of coordinating              | 0.005/0.01/0.01mm               |
| Max. locating speed                             | 5000mm/min                      |
| Max. feeding speed Straight line                | 3000mm/min                      |
| Arc line                                        | 1500mm/min                      |



**LK09 Ratchet Tie Dow (European market)**

- ◆ 100% high tenacity polyester of lashing strap
- ◆ Low elongation
- ◆ Popular color of strap: orange, blue, yellow, red, black
- ◆ Width available: 25mm to 100mm
- ◆ Breaking strength scope: 0.5t to 10t
- ◆ Length available: 1m to 10m
- ◆ According to EN 12195/2

| PART NUMBER | WIDTH<br>(mm) | LOAD CAPACITY(kg)                                                                 |                                                                                   | BREAKING<br>STRENGTH(kg) |
|-------------|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------|
|             |               |  |  |                          |
| Rat75-2-JD  | 75            | 5000                                                                              | 10000                                                                             | 10000                    |
| Rat50A-2-JD | 50            | 2500                                                                              | 5000                                                                              | 5000                     |
| Rat50B-2-JD | 50            | 2000                                                                              | 4000                                                                              | 4000                     |
| Rat35A-2-JD | 35            | 1500                                                                              | 3000                                                                              | 3000                     |
| Rat35B-2-JD | 35            | 1000                                                                              | 2000                                                                              | 2000                     |
| Rat28-2-JD  | 28            | 750                                                                               | 1500                                                                              | 1500                     |
| Rat25A-2-JD | 25            | 500                                                                               | 1000                                                                              | 1000                     |
| Rat25B-2-JD | 25            | 400                                                                               | 800                                                                               | 800                      |
| Rat25C-2-JD | 25            | 250                                                                               | 500                                                                               | 500                      |

**CAUTIONS:**

- ◆ Never use a lashing as a lifting sling.
- ◆ Never twist a webbing.
- ◆ Protect the webbing from sharp edges by such as protective sleeves.
- ◆ Chemical active environments can effect the strength of slings.  
Polyester is resistant to acids, but affected by concentrated bases.
- ◆ Temperature range of -40 to +100.

**REMARKS:**

- ◆ Part number :width-one or two pc-end fitting
- ◆ One pc means: endless, without end fitting
- ◆ No black stripe on Pat25B-2, Rat25C-2
- ◆ Various end fitting available, see next page
- ◆ Cam buckle only for 1" items



| Model  | Size(L×D×H)    |
|--------|----------------|
| C-FA11 | 1400×1165×1235 |
| C-FA12 | 1400×1165×1435 |
| C-FA13 | 1400×1165×1535 |
| C-FA21 | 1500×1265×1235 |
| C-FA22 | 1500×1265×1435 |
| C-FA23 | 1500×1265×1535 |

**LK09 Ratchet Tie Dow (European market)****WAREHOUSE SHIELING**

| Post keyhole style 3"×1-5/8" |              |             |
|------------------------------|--------------|-------------|
| Item                         | Size(Length) | Weight(LBS) |
| IU096                        | 96"          | 14          |
| IU120                        | 120"         | 17          |
| IU144                        | 144"         | 20          |
| IU168                        | 168"         | 23          |
| IU180                        | 180"         | 25          |
| IU192                        | 192"         | 27          |
| IU216                        | 216"         | 30          |
| IU240                        | 240"         | 33          |
| IU288                        | 288"         | 40          |

| Upright Frames Post-Keyhole style 3"×1-5/8" |              |             |           |
|---------------------------------------------|--------------|-------------|-----------|
| Item                                        | Size(Length) | Weight(LBS) | Load(LBS) |
| IU36096                                     | 36"×96"      | 44          | 16200     |
| IU36120                                     | 36"×120"     | 52          | 16200     |
| IU36144                                     | 36"×144"     | 64          | 16200     |
| IU36192                                     | 36"×192"     | 78          | 16200     |
| IU36216                                     | 36"×216"     | 86          | 16200     |
| IU36240                                     | 36"×240"     | 98          | 16200     |
| IU42096                                     | 42"×96"      | 46          | 14600     |
| IU42120                                     | 42"×120"     | 54          | 14600     |
| IU42144                                     | 42"×144"     | 67          | 14600     |
| IU42192                                     | 42"×192"     | 84          | 14600     |
| IU42216                                     | 42"×216"     | 94          | 14600     |
| IU42240                                     | 42"×240"     | 108         | 14600     |
| IU48096                                     | 48"×96"      | 49          | 12800     |
| IU48120                                     | 48"×120"     | 57          | 12800     |
| IU48144                                     | 48"×144"     | 70          | 12800     |
| IU48192                                     | 48"×192"     | 87          | 12800     |
| IU48216                                     | 48"×216"     | 97          | 12800     |
| IU48240                                     | 48"×240"     | 109         | 12800     |

| Post keyhole style 3"×3" |              |             |
|--------------------------|--------------|-------------|
| Item                     | Size(Length) | Weight(LBS) |
| IU120                    | 120"         | 27          |
| IU144                    | 144"         | 32          |
| IU192                    | 192"         | 42          |
| IU240                    | 240"         | 51          |
| IU288                    | 288"         | 60          |

Pallet rack is a versatile system with unsurpassed adaptability for many types of industrial. Pallets are supported between load-supporting beams. Our system allows you to easily store pallets, special attachments and decking can be used to make the racks capable of supporting other types of unit loads besides pallets (e.g., coils, drums, skids). Engineered for maximum strength and value.

Pallet rack systems offer: Standard sizes to fit most racks; Fully utilize vertical space; Suitable for storing all kinds of goods; The bearing capacity per shelf of such rack may reach 4500kg; Durable finish, clean appearance, fire resistant.

All upright frames use rectangular tubing for frame bracing. The closed box section is superior to open channels, round tubing, rods or angle bracing. Independent triangulation is achieved by welding diagonals directly to columns, not to the horizontals. Rectangular tubing and independent triangulation are two important features that add up to years of durable and dependable service.

Beams use a minimum of three load bearing studs on each end plate to transfer loads safely to upright columns. These studs, in conjunction with teardrop keyholes, work together to draw the end plates securely against the upright columns, creating a tight connection that reduces rotation and sway. Drive-in/drive-thru support arms, 6 inch step beams, and mezzanine support beams all use four load bearing studs added safety.



| Post keyhole style 3"×3" |              |             |           |
|--------------------------|--------------|-------------|-----------|
| Item                     | Size(Length) | Weight(LBS) | Load(LBS) |
| IU36096                  | 36"×96"      | 61          | 21600     |
| IU36120                  | 36"×120"     | 75          | 21600     |
| IU36144                  | 36"×144"     | 85          | 21600     |
| IU36192                  | 36"×192"     | 110         | 21600     |
| IU36216                  | 36"×216"     | 123         | 21600     |
| IU36240                  | 36"×240"     | 138         | 21600     |
| IU42096                  | 42"×96"      | 64          | 19800     |
| IU42120                  | 42"×120"     | 78          | 19800     |
| IU42144                  | 42"×144"     | 88          | 19800     |
| IU42192                  | 42"×192"     | 113         | 19800     |
| IU42216                  | 42"×216"     | 126         | 19800     |
| IU42240                  | 42"×240"     | 142         | 19800     |
| IU48096                  | 48"×96"      | 68          | 18000     |
| IU48120                  | 48"×120"     | 81          | 18000     |
| IU48144                  | 48"×144"     | 95          | 18000     |
| IU48192                  | 48"×192"     | 117         | 18000     |
| IU48216                  | 48"×216"     | 130         | 18000     |
| IU48240                  | 48"×240"     | 147         | 18000     |

| Beam   |              |             |           |
|--------|--------------|-------------|-----------|
| Item   | Size(Length) | Weight(LBS) | Load(LBS) |
| IB4096 | 4"×96"       | 30          | 6000      |
| IB4108 | 4"×108"      | 32          | 5400      |
| IB4120 | 4"×120"      | 35          | 4800      |
| IB5096 | 5"×96"       | 33          | 6800      |
| IB5108 | 5"×108"      | 36          | 5900      |
| IB5120 | 5"×120"      | 40          | 5400      |
| IB5144 | 5"×144"      | 47          | 4900      |
| IB6120 | 6"×120"      | 46          | 6300      |
| IB6144 | 6"×144"      | 54          | 5800      |

| Safely Support |              |             |
|----------------|--------------|-------------|
| Item           | Size(Length) | Weight(LBS) |
| IIS36          | 36"          | 5.3         |
| IIS42          | 42"          | 6.2         |
| IIS48          | 148"         | 7.1         |

We can also supply you the size specifications at your request!!!

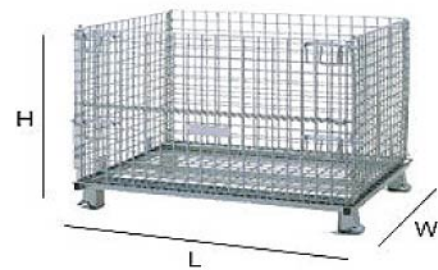
**LK01 Flat Webbing Sling****Technical specifications**

-Colour coded according to EN 1492-1:2000.

-Each sling is packed in plastic with CE declaration of conformity.

**Without capacity stripe**

| LIKA              |                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------|-------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Webbing width(mm) | Colour coded according to EN 1492-1 | Working Load Limit with 1 webbing sling                                             |                                                                                     |                                                                                     |                                                                                     | Working Load Limit with 2 webbing sling                                             |                                                                                     |                                                                                     |                                                                                     |
|                   |                                     | Straight life                                                                       | Choked life                                                                         |                                                                                     |                                                                                     | Straight life up to 45                                                              | Choked life up to 45                                                                | Straight life 40-60                                                                 | Choked life 45-60                                                                   |
|                   |                                     |  |  |  |  |  |  |  |  |
|                   |                                     | 1.0                                                                                 | 0.8                                                                                 | 2.0                                                                                 | 1.4                                                                                 | 1.0                                                                                 | 1.4                                                                                 | 1.12                                                                                | 1.0                                                                                 |
| 50                | WLL 1T                              | 1,000                                                                               | 800                                                                                 | 2,000                                                                               | 1,400                                                                               | 1,000                                                                               | 1,400                                                                               | 1,120                                                                               | 800                                                                                 |
| 60                | WLL 2T                              | 2,000                                                                               | 1,600                                                                               | 4,000                                                                               | 2,800                                                                               | 2,000                                                                               | 2,800                                                                               | 2,240                                                                               | 1,600                                                                               |
| 75                | WLL 3T                              | 3,000                                                                               | 2,400                                                                               | 6,000                                                                               | 4,200                                                                               | 3,000                                                                               | 4,200                                                                               | 3,360                                                                               | 2,400                                                                               |
| 100               | WLL 4T                              | 4,000                                                                               | 3,200                                                                               | 8,000                                                                               | 5,600                                                                               | 4,000                                                                               | 5,600                                                                               | 4,480                                                                               | 3,200                                                                               |
| 125               | WLL 5T                              | 5,000                                                                               | 4,000                                                                               | 10,000                                                                              | 7,000                                                                               | 5,000                                                                               | 7,000                                                                               | 5,600                                                                               | 4,000                                                                               |
| 150               | WLL 6T                              | 6,000                                                                               | 4,800                                                                               | 12,000                                                                              | 8,400                                                                               | 6,000                                                                               | 8,400                                                                               | 6,720                                                                               | 4,800                                                                               |
| 200               | WLL 8T                              | 8,000                                                                               | 6,400                                                                               | 16,000                                                                              | 11,200                                                                              | 8,000                                                                               | 11,200                                                                              | 8,960                                                                               | 6,400                                                                               |
| 240               | WLL 10T                             | 10,000                                                                              | 8,000                                                                               | 20,000                                                                              | 14,000                                                                              | 10,000                                                                              | 14,000                                                                              | 11,200                                                                              | 8,000                                                                               |



| Model   | Size(L×W×H)mm | Wire dia (mm) | Legs Height(mm) | Mesh Pitch(mm) | Volume(m3) | Capacity(kg) |
|---------|---------------|---------------|-----------------|----------------|------------|--------------|
| C-A-3   | 800×600×640   | 6.0           | 100             | 50×50          | 0.22       | 800          |
| C-A-5   | 1000×800×840  | 6.0           | 100             | 50×50          | 0.52       | 1200         |
| C-A-7   | 1200×1000×890 | 6.0           | 100             | 50×50          | 0.84       | 1500         |
| C-B-5   | 1000×800×840  | 6.4           | 100             | 50×50          | 0.52       | 1500         |
| C-B-7   | 1200×1000×890 | 6.4           | 100             | 50×50          | 0.84       | 2000         |
| C-B-1/2 | 1000×800×500  | 6.4           | 100             | 50×50          | 0.26       | 1000         |
| C-S-5   | 1000×800×840  | 6.4           | 100             | 50×100         | 0.52       | 1000         |
| C-S-7   | 1200×1000×890 | 6.4           | 100             | 50×100         | 0.84       | 1000         |
| C-C-2   | 800×500×540   | 4.8           | 100             | 25×50          | 0.15       | 500          |
| C-C-5   | 1000×800×840  | 4.8           | 100             | 50×50          | 0.52       | 500          |
| C-E-2   | 800×500×530   | 3.0           | 100             | 30×30          | 0.15       | 250          |



## Wheels &amp; Castors

Return to. Product Categories



Loose Wheel, 10", 800Kg

wivel Wheel Air, With Brake  
Height = 27cm  
Size = 2.50-4Wheel, Plastic  
Height = 27cm  
Size = 3.00/4Wheel, Iron  
Height = 28cm  
Size = 4.10/3.50Wheel With Fixed Holder, Air  
Height = 32cm  
Size = 4.10/3.50-4Swivel Wheel, Iron  
Height = 24cm  
Size = 8x2Wheel With Fixed Holders, Iron  
Height = 24cm  
Size = 8x2Swivel Wheel, Air  
Height = 32cm  
Size = 4.10/3.50-4

Loose Wheel, 8", 600Kg



Loose Wheel, 6", 500Kg

Wheel With Fixed Holder, Air Small  
Height = 25cm  
Size = 2.50-4Swivel Wheel, Air Small  
Height = 25cm  
Size = 2.50-4

Loose Wheel, 12", 800Kg



Loose Wheel, 14", 1000Kg



Loose Wheel, 16", 1200Kg



Loose Wheel, 6", 250Kg



Loose Wheel, 8", 350Kg



Loose Wheel, 10", 450Kg



Castor Wheel, 200Kg, 4"



Fixed Wheel, 200Kg, 4"



Castor Wheel, 200Kg, 4"



Fixed Wheel, 200Kg, 4"



Castor Wheel, 200Kg, 4"



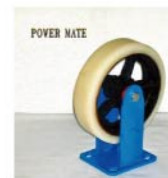
Fixed Wheel, 200Kg, 4"



Castor Wheel, 800Kg, 10"



Fixed Wheel, 800Kg, 10"



Fixed Wheel, 350Kg, 8"



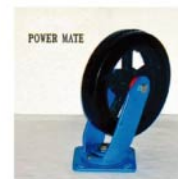
Castor Wheel, 1800Kg, 10"



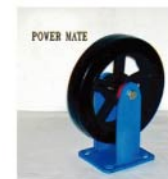
Fixed Wheel, 1800Kg, 10"



Loose Wheel, 10", 1800Kg



Castor Wheel, 350Kg, 8"



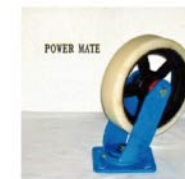
Fixed Wheel, 350Kg, 8"



Castor Wheel, 350Kg, 8"



Fixed Wheel, 350Kg, 8"



Castor Wheel, 350Kg, 8"

## HAND TROLLEY



HT2053A



HT2085

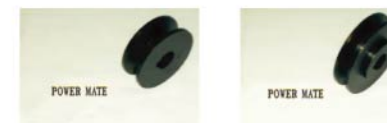


HT0102

## Pulley



Diameter 60mm Hole 19mm, Type A  
Diameter 80mm Hole 19mm, Type A  
Diameter 125mm Hole 19mm, Type A  
Diameter 150mm Hole 19mm, Type A  
Diameter 80mm Hole 24mm, Type A  
Diameter 100mm Hole 24mm, Type A  
Diameter 125mm Hole 24mm, Type A  
Diameter 150mm Hole 24mm, Type A



Diameter 60mm Hole 19mm, Type B  
Diameter 80mm Hole 19mm, Type B  
Diameter 100mm Hole 19mm, Type B  
Diameter 125mm Hole 19mm, Type B  
Diameter 150mm Hole 19mm, Type B  
Diameter 100mm Hole 22mm, Type B  
Diameter 80mm Hole 24mm, Type B  
Diameter 100mm Hole 24mm, Type B  
Diameter 125mm Hole 24mm, Type B  
Diameter 150mm Hole 24mm, Type B  
Diameter 100mm Hole 25mm, Type B



Diameter 80mm Hole 24mm, Type A Double  
Diameter 100mm Hole 24mm, Type A Double  
Diameter 125mm Hole 24mm, Type A Double  
Diameter 150mm Hole 24mm, Type A Double



Diameter 60mm Hole 19mm, Type B Double  
Diameter 80mm Hole 19mm, Type B Double  
Diameter 100mm Hole 19mm, Type B Double  
Diameter 125mm Hole 19mm, Type B Double  
Diameter 150mm Hole 19mm, Type B Double  
Diameter 100mm Hole 22mm, Type B Double  
Diameter 80mm Hole 24mm, Type B Double



Diameter 125mm Hole 28mm, Type B  
Diameter 150mm Hole 28mm, Type B  
Diameter 200mm Hole 28mm, Type B  
Diameter 250mm Hole 28mm, Type B



Diameter 60mm Hole 19mm, Type A Double  
Diameter 80mm Hole 19mm, Type A Double  
Diameter 100mm Hole 19mm, Type A Double  
Diameter 125mm Hole 19mm, Type A Double  
Diameter 150mm Hole 19mm, Type A Double

Diameter 100mm Hole 24mm, Type B Double  
Diameter 125mm Hole 24mm, Type B Double  
Diameter 150mm Hole 24mm, Type B Double  
Diameter 100mm Hole 25mm, Type B Double  
Diameter 125mm Hole 28mm, Type B Double  
Diameter 150mm Hole 28mm, Type B Double  
Diameter 200mm Hole 28mm, Type B Double  
Diameter 250mm Hole 28mm, Type B Double



**Features:**

- ◆ Outer jacket is made with high-strength synthetic polyester silk .
- ◆ Lined with rubber
- ◆ Good pressure-resistance,anti-corrosion ,non-permeable
- ◆ Low water-flow resistance ,quick water output
- ◆ Light and soft,long service life
- ◆ Can be used with fire hose reels ,fire vehicles ,pu-mps for water conveyers or other extinguishing agents
- ◆ Als used extensively in such industries as mining ,transportation ,chemicals ,agriculture
- ◆ Different colors of lining are available .(red,black,white )
- ◆ Length:15,20,25,30 or 40m

| TECHNICAL PARAMETERS |                     |                  |                               |                           |                         |
|----------------------|---------------------|------------------|-------------------------------|---------------------------|-------------------------|
| Modle                | Inner Dia<br>(inch) | Inner<br>Da (mm) | Working<br>Pressure (Bar/Psi) | Test<br>Pressure(Bar/Psi) | Burst Pressure(Bar/Psi) |
| C10                  | 2"                  | 50               | 10/145                        | 15/220                    | ≥30/435                 |
|                      | 2 1/2"              | 65               | 10/145                        | 15/220                    | ≥30/435                 |
|                      | 2 3/4"              | 70               | 10/145                        | 15/220                    | ≥30/435                 |
|                      | 3"                  | 75               | 10/145                        | 15/220                    | ≥30/435                 |
|                      | 4"                  | 100              | 10/145                        | 15/220                    | ≥30/435                 |
| C13                  | 1 1/2"              | 40               | 13/190                        | 20/290                    | ≥39/565                 |
|                      | 1 3/4"              | 45               | 13/190                        | 20/290                    | ≥39/565                 |
|                      | 2"                  | 50               | 13/190                        | 20/290                    | ≥39/565                 |
|                      | 2 1/2"              | 65               | 13/190                        | 20/290                    | ≥39/565                 |
|                      | 2 3/4"              | 70               | 13/190                        | 20/290                    | ≥39/565                 |
| C16                  | 1 1/2"              | 40               | 16/235                        | 20/290                    | ≥48/700                 |
|                      | 1 3/4"              | 45               | 16/235                        | 20/290                    | ≥48/700                 |
|                      | 2"                  | 50               | 16/235                        | 20/290                    | ≥48/700                 |
|                      | 2 1/2"              | 65               | 16/235                        | 20/290                    | ≥48/700                 |
|                      | 2 3/4"              | 70               | 16/235                        | 20/290                    | ≥48/700                 |
| C20                  | 3"                  | 75               | 16/235                        | 20/290                    | ≥48/700                 |
|                      | 4"                  | 100              | 16/235                        | 20/290                    | ≥48/700                 |
|                      | 1 1/2"              | 40               | 20/290                        | 30/435                    | ≥60/870                 |
| C20                  | 2"                  | 50               | 20/290                        | 30/435                    | ≥60/870                 |
|                      | 2 1/2"              | 65               | 20/290                        | 30/435                    | ≥60/870                 |



Nominal current (A):  $\frac{16A}{32A}$   
 Nominal voltage (V): 380-415V~  
 No. poles:   
 Code: RG 014  
 RG 024  
 Protection degree: IP44



Nominal current (A):  $\frac{63A}{125A}$   
 Nominal voltage (V):  $\frac{220-380V}{240-415V}$ ~  
 No. poles:   
 Code: RG 035  
 RG 045  
 Protection degree: IP67



Nominal current (A):  $\frac{16A}{32A}$   
 Nominal voltage (V): 220-250V~  
 No. poles:   
 Code: RG 013L  
 RG 023L  
 Protection degree: IP44



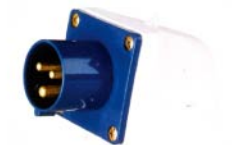
Nominal current (A):  $\frac{16A}{32A}$   
 Nominal voltage (V): 380-415V~  
 No. poles:   
 Code: RG 014L  
 RG 024L  
 Protection degree: IP44



Nominal current (A):  $\frac{16A}{32A}$   
 Nominal voltage (V):  $\frac{220-380V}{240-415V}$ ~  
 No. poles:   
 Code: RG 115  
 RG 125  
 Protection degree: IP44



Nominal current (A):  $\frac{16A}{32A}$   
 Nominal voltage (V):  $\frac{220-380V}{240-415V}$ ~  
 No. poles:   
 Code: RG 015L  
 RG 025L  
 Protection degree: IP44



Nominal current (A):  $\frac{16A}{32A}$   
 Nominal voltage (V): 220-250V~  
 No. poles:   
 Code: RG 513  
 RG 523  
 Protection degree: IP44



Nominal current (A):  $\frac{16A}{32A}$   
 Nominal voltage (V):  $\frac{220-380V}{240-415V}$ ~  
 No. poles:   
 Code: RG 515  
 RG 525  
 Protection degree: IP44



Nominal current (A):  $\frac{16A}{32A}$   
 Nominal voltage (V): 380-415V~  
 No. poles:   
 Code: RG 114  
 RG 124  
 Protection degree: IP44



Nominal current (A):  $\frac{16A}{32A}$   
 Nominal voltage (V): 380-415V~  
 No. poles:   
 Code: RG 114  
 RG 124  
 Protection degree: IP44

**SENECA TOOL****Torque Wrench**

| Part Code | 231000 | 231002   | 231003   | 231005    | 231006    | 231007    |
|-----------|--------|----------|----------|-----------|-----------|-----------|
| Drive     | 1/4"   | 3/8"     | 1/2"     | 3/4"      | 3/4"      | 1"        |
| Capacity  | 6~30Nm | 19~100Nm | 40~210Nm | 100~500Nm | 140~700Nm | 140~980Nm |

**Socket Wrench Set**

**Part Code.: 910003 24 Piece, Metric, 3/8" Drive, Professional**  
 Contents:17-Socket( 6, 7, 8, 9, 10, 11, 12, 13, 14,15,16,17,18,19,20,21,22mm)  
 2-Spark Plug Sockets( 16mm, 21mm)  
 2-Extension Bar 75mm, 150mm  
 1-Sliding T Bar  
 1-Universal Joint  
 1-Ratchet Handle

**Part Code.: 910001 62 Piece, Metric, 1/4" Drive, Professional**  
 Contents:13-Socket(4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm)  
 9-Deep Socket( 5, 6, 7, 8, 9, 10, 11, 12, 13mm)  
 23-Socket Set(SL 4.5, 5, 6.5 PH 1, 2, 3 PZ 1, 2, 3  
 HEX 3, 4, 5, 6, 7, 8 T8, T10, T15, T20, T25, T27, T30, T40  
 10-Hex Ball L Key ( Long Type ) 1.27, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10  
 3-Extension Bar 50mm, 100mm, 150mm  
 1-Sliding T Bar  
 1-Universal Joint  
 1-Spinner Handle  
 1-Ratchet Handle

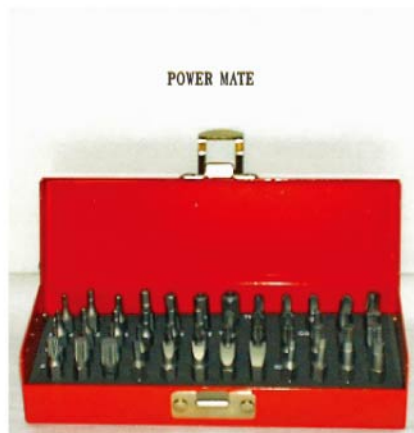
**Oil Filter Pliers, Professional**

**Part Code.: SE912 31 Piece Professional**  
 Contents  
 30-Bits  
 PH 1, 2, 3  
 PZ 1, 2, 3  
 SL 3.5, 4.5, 5.5, 6.5, 8  
 HEX 2, 3, 4, 5, 6, 7, 8  
 TT7, 8, 9, 10, 15, 20, 25, 27, 30, 40  
 SQ 1, 2  
 1- Bit Holder W/Quick Release Chuck

**Tool Chest**

**Part Code.: 901111 111 Tools Professional**  
 First Drawer  
 1/2" Drive  
 16 - Socket 12 - 32mm  
 2 - Extension Bar 125, 250mm  
 1 - Universal Joint  
 1 - Ratchet Handle  
 1/4" Drive  
 13 - Socket 4 - 14mm  
 3 - Extension Bar 50, 100, 150mm  
 1 - Universal Joint  
 1 - Sliding T Bar  
 1 - Spinner Handle  
 1 - Ratchet Handle  
 13 Combination Wrenches 7 - 22mm  
 Second Drawer  
 8 - Screwdriver 31 - Bits + Holder  
 1 - Screwdriver Holder 10 - Hex Ball L Key  
 1 - Knife  
 Third Drawer  
 1 - Locking Pliers 1 - Waterpump Pliers  
 1 - Long Nose Pliers 1 - Combination Pliers  
 1 - Diagonal Pliers 1 - Hammer





### Bitset

**Part Code.: SE917 48 Piece Professional**

Contents  
PH 1,2,3  
PZ 2, 3  
SQ 1, 2, 3  
Torq-Set 6, 8, 10  
Spanner 4, 6, 8, 10, 12  
Tri-Wing 1, 2, 3, 4, 5  
Clutch 5/32", 3/16", 1/4"  
Star Tamp 5, 6, 7, 8, 9, 10, 15, 20, 25, 27, 30, 40  
Hex Tamp 2, 2.5, 3, 4, 5, 6, 8, 5/32, 9/64, 1/8, 3/32, 5/64



### Double Open End Wrench Set

**Part Code.: 910011 11 Piece Professional**

Contents 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 8x19, 20x22, 21x23, 24x27, 30x32



### Socket Set

**Part Code.: 250009**

3/4" Impact, 8 Piece Metric Professional  
Drive = 3/4"  
Contents: 24, 27, 29, 30, 32, 33, 36, 38mm



### Ring Wrench Set

**Part Code.: 910012 75 Degree Offset, 8 Piece Professional**

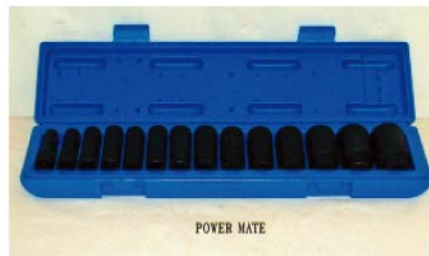
Contents 6x8, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x23



### Combination Wrench Set

**Part Code.: 910010 16 Pieces Professional**

Contents 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24mm



### Socket Set

**Part Code.: 250004 1/2" Deep Impact, 14 Piece Metric Professional**

Drive = 1/2"  
Contents: 10, 12, 14, 15, 16, 17, 18, 20, 21, 22, 24, 27, 30, 32mm



### Screwdriver Set

**Part Code.: 910020 8 Piece, Torx Tamp, Professional**

Contents: TT8, TT10, TT15, TT20, TT25, TT27, TT30, TT40



### Oil Filter Pliers, Professional

**Part Code.: 356112 Professional 300mm**



TYRE BALANCER MODEL NO: SBM96A

#### TECHNICAL FEATURES:

The compact, economical and computer control wheel balancer, can operate on car, motorcycle and light industrial vehicle wheels.

\*Double display

\*Self calibration

\*Dynamic program and static program

\*Alu program

\*Protection cover

\*It is changeable between gram and ounce

It is changeable between millimeter and inch

\*Optimization of wheel unbalance reading

\*Setting for double operator

\*Special flange is optional (work on wheels of IVICO, ISUZU and so on)

TECHNICAL DATA:

Max. Wheel weight: 65kg

Motor power: 0.2kw

Power supply: 110v/220v

Balancing accuracy:  $\pm 1g$

Balancing speed: 200r.p.m

Rim diameter: 10"~24"(265~615mm)

Rim width: 1.5"~20"(40~510mm)

Measuring time: 10 sec.

Noise level: <70db (A)



### Screwdriver Set

**Part Code.: 910009 8 Piece Professional**

Contents:

SL3 x 75mm SL3.5 x 100mm

SL4 x 100mm SL5.5 x 125mm

SL6.5 x 150mm SL8 x 175mm

PH1 x 80mm PH2 x 100mm



TYPE CHANGER MODEL NO: BL 502

#### TECHNICAL FEATURES:

Semi-automatic tyre changer is suitable for handling 10"-20"

wheels and capable of handling 17"aluminum alloy rims without using special attached device.

\*Self-centering device

\*Pneumatic bead-breaker

\*Slide with step function

#### TECHNICAL DATA

Rim clamping from outside: 10" -17"

Rim clamping from inside: 12"-20"

Bead-breaker force: 2500kg

Max wheel diameter: 960mm

Wheel width: 3" -11"

Operating pressure: 8-10bar

Motor power: 1.1/0.75kw

Power supply : 110/220/380v-3ph