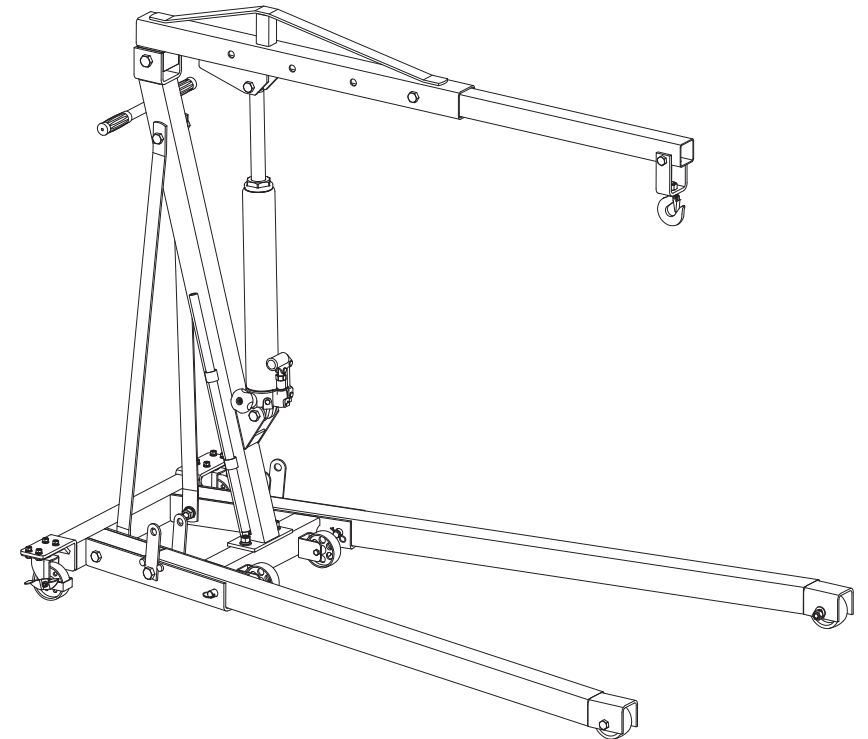


| Ref. | Description | Qty |
|------|-----------------------------|-----|
| 1 | Hex head bolt M14x95mm | 2 |
| 2 | Ring | 4 |
| 3 | Bushing | 2 |
| 4 | Front wheel | 2 |
| 5 | Washer M14 | 5 |
| 6 | Spring washer M14 | 4 |
| 7 | Nut M14 | 4 |
| 8 | Front leg | 2 |
| 9 | Hitch Pin | 2 |
| 10 | Nut M8 | 2 |
| 11 | Washer M8 | 4 |
| 12 | Caster 3.5" | 2 |
| 13 | Bushing | 2 |
| 14 | Hex head bolt M8x65mm | 2 |
| 15 | Frame base | 1 |
| 16 | Hex head bolt M14x100mm | 3 |
| 17 | Quick-release pin Ø18x125mm | 2 |
| 18 | Hex head bolt M8x130mm | 2 |
| 19 | Connector plate bracket | 4 |
| 20 | Spring washer M18 | 2 |
| 21 | Nut M18 | 2 |
| 22 | Swivel caster 3-1/2" | 2 |
| 23 | Hex head bolt M16x120mm | 2 |
| 24 | Support strap | 2 |
| 25 | Spring washer M16 | 5 |
| 26 | Nut M16 | 6 |
| 27 | Hex head bolt M16x90mm | 2 |
| 28 | Main column assembly | 1 |
| 29 | Washer M16 | 4 |
| 30 | Hydraulic ram | 1 |
| 31 | Pump handle | 1 |
| 32 | Hex head bolt M16x110mm | 1 |
| 33 | Pull handle | 1 |
| 34 | Hex head bolt M8x10mm | 2 |
| 35 | Hex head bolt M18x130mm | 1 |
| 36 | Washer M18 | 3 |
| 37 | Hex head bolt M16x75mm | 1 |
| 38 | Main boom | 1 |
| 39 | Extended boom | 1 |
| 40 | Chain sling assembly | 1 |
| 41 | Self-locking nut M14 | 1 |
| 42 | Self-locking nut M18 | 1 |

OWNER'S MANUAL

2000KG LOW PROFILE ENGINE CRANE

Working Load Limit: 2000kg
 Height Lowered: 25mm
 Height Raised: 2445mm



WARNING

Do not overload. Overloading could cause damage or failure of the crane. Never exceed the safe working loads indicated on the boom.

Never use the crane on an uneven floor surface as this could result in the crane tipping over.

Always lock the legs and boom in position before lifting a load.

The nuts and bolts supplied with the crane are all high strength and should not be substituted for inferior types. Before each use ensure that all nuts and bolts are correctly fitted and tight.

WARNING: This double pump long ram is designed for lifting purposes only-not for supporting loads. Do not load beyond its rated capacity.

IMPORTANT: It is possible that air has got into the hydraulic system causing poor lifting performance. Purge any air from the system by fully opening the release valve (turn handle counter-clockwise) then while holding the boom down operate the pump handle rapidly several times.

Note: Before raising the legs to the storage position bolts must be inserted into the base support and tightened each time. If this procedure is not followed the unit may fall over.

MAINTENANCE

IMPORTANT: When adding or replacing oil always use high grade hydraulic jack oil. Avoid mixing different grades/types of oil. Do not use brake fluid, alcohol, glycerine, detergent motor oil or dirty oil. Improper fluid can cause serious internal damage to the ram.

When adding oil be very careful not to permit dirt or foreign matter to enter the system. Check ram and plunger every 3 months for any signs of rust or corrosion. Clean as needed and wipe with an oily cloth.

When not using the ram always leave the jib in the fully lowered position.

OPERATING INSTRUCTIONS

TO RAISE LOAD: Close release valve by turning handle clockwise to a snug-tight position. Do not over-tighten.

TO LOWER LOAD: Open release valve by turning handle counter-clockwise very slowly. The speed of the lowering is controlled by how much the handle is turned.

TROUBLE SHOOTING

| TROUBLE | PROBABLE CAUSE | REMEDY |
|---|---|---|
| Will not hold load. | Dirt on valve seats. | <ol style="list-style-type: none"> 1. Lower lifting boom. Close the release valve and remove oil filler plug. 2. Place one foot on the leg and pull up the lifting boom to its full height by hand. 3. Open the release valve to lower the lifting boom. 4. Replace worn seals. |
| Will not lift load. Will not lift to its full height. Pump feels unsteady under load. Pump will not lower completely. | Air block. | <ol style="list-style-type: none"> 1. Open the release valve and remove oil filler plug. 2. Pump handle a couple of full strokes and close the release valve. 3. Replace oil filler plug. |
| Pump will not lift to its full height. Pump feels unsteady under load. | The reservoir could be overfilled. Low hydraulic oil level. | Check the oil level. Remove the filler plug. Top up oil to correct level. |
| Pump feels unsteady under load. | The cup seal could be worn out. | Replace cup seal. |
| Will not lower completely. | Air block. Unit requires lubrication. | Release air from the hydraulic pump by removing filler plug. Oil external moving parts. |

PARTS LIST

