

# HYDRAULIC CRANES

THE AUSTRALIAN  
LIFTING SOLUTION

Models

550s

700s

1000s

1500s



## Crane/Owner Details

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_

Date Purchased: \_\_\_\_\_

### Supplier Details

Supplier Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

ABN: \_\_\_\_\_

### Crane Details

Make and Model : \_\_\_\_\_

Serial Number: \_\_\_\_\_

Date Manufactured: \_\_\_\_\_

Design Code: \_\_\_\_\_

Asset/Fleet Number (if applicable): \_\_\_\_\_

Options Fitted: \_\_\_\_\_  
\_\_\_\_\_

### Manufacturer Information

Kevrek (Australia) Pty Ltd  
156 Beringarra Avenue  
MALAGA WA 6090  
Phone : 08 9248 5922  
ACN: 066 145 159  
ABN: 83 066 145 159

**All Kevrek Cranes are covered by a 12 month Warranty from the date of purchase.**

**Please read and understand Operator and Safety Instructions supplied in this Manual before attempting to operate this Crane.**

## Table Of Contents

### **Model Description and Options**

700 Series .....	4
1000/1500 Series .....	5

### **Safety Instructions .....**

### **Operating Instructions**

General Operation .....	7
Hydraulic Boom Sequence .....	8
Hydraulic Winch .....	9

### **Maintenance and Care .....**

### **Trouble Shooting .....**

### **Installation Instructions .....**

### **Slew Stop Adjustment .....**

### **Technical Specifications**

550 Series .....	15
700 Series .....	16-17
1000 Series .....	18-19
1500 Series .....	20-21

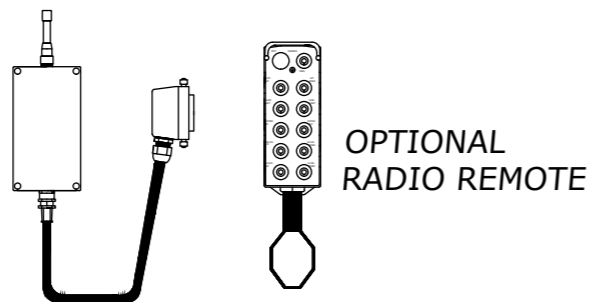
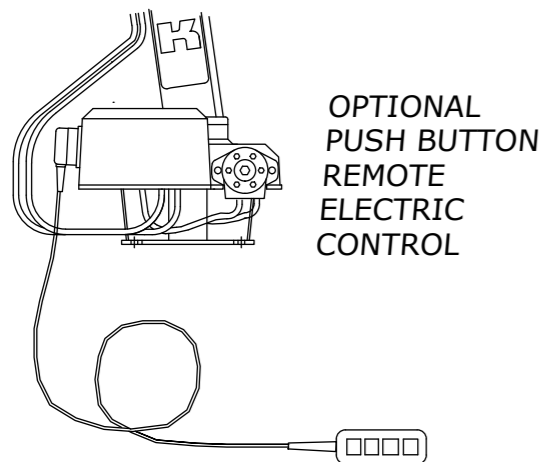
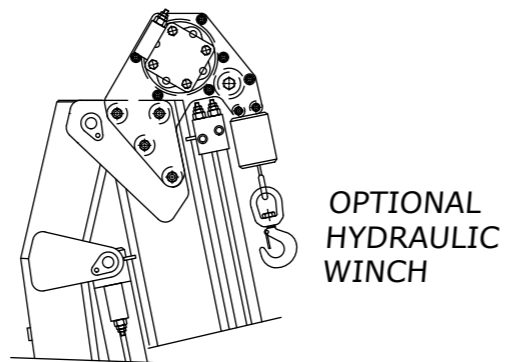
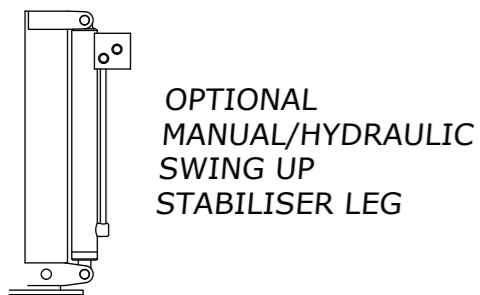
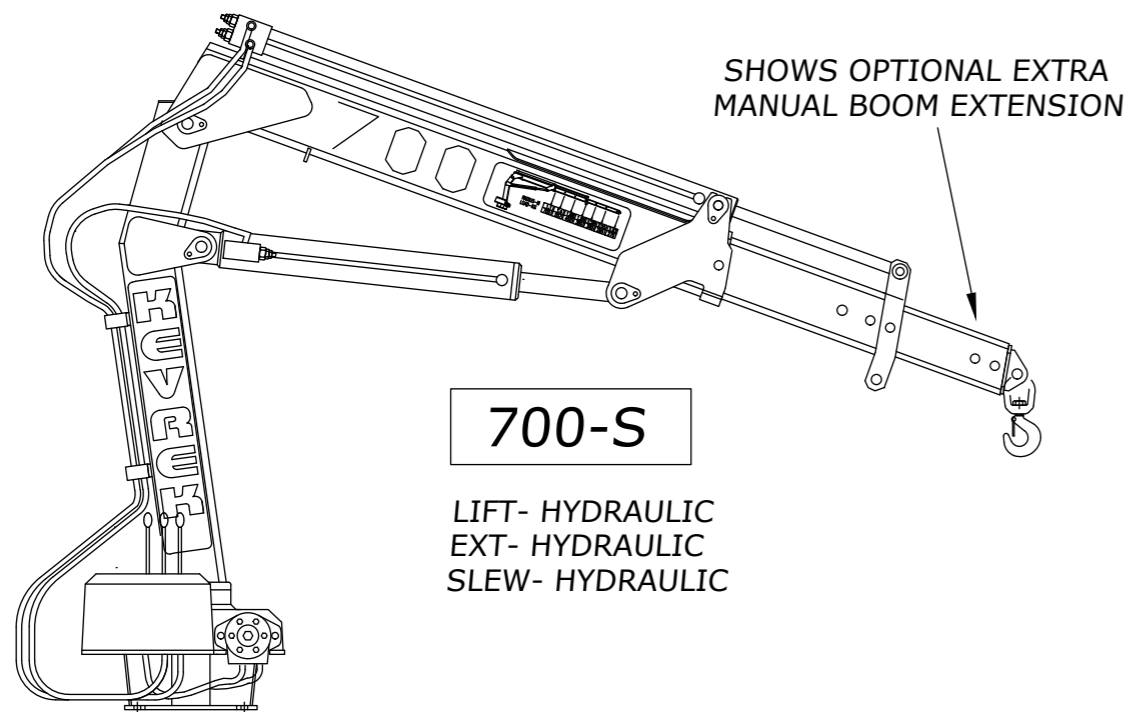
### **Electric and Hydraulic Schematic**

550 Series .....	22
700/1000/1500 Series .....	23

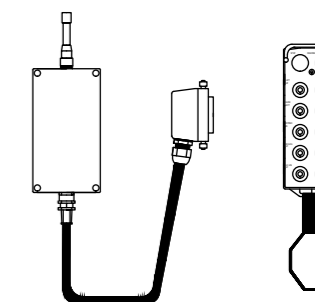
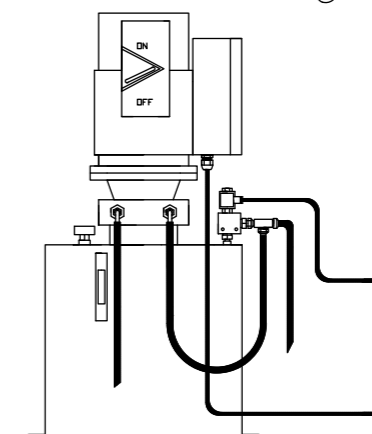
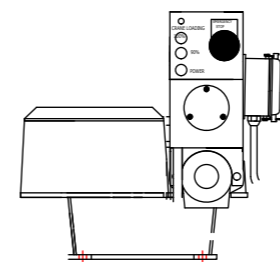
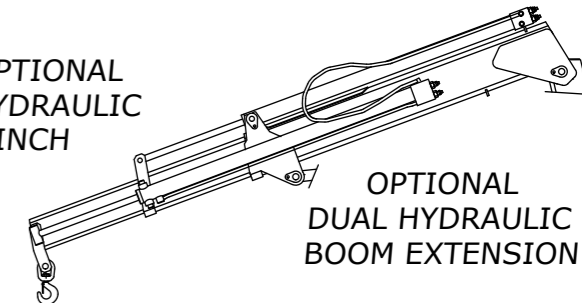
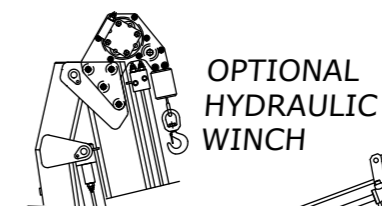
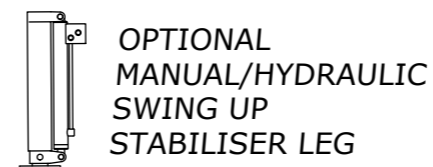
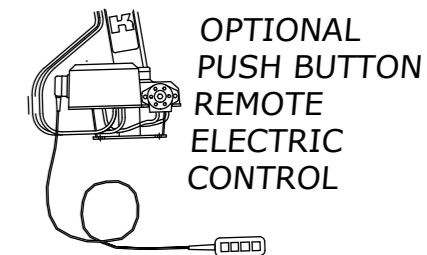
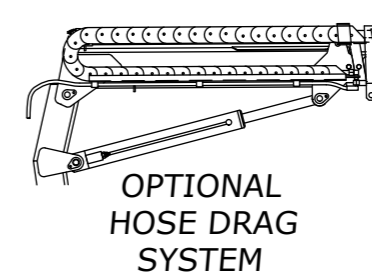
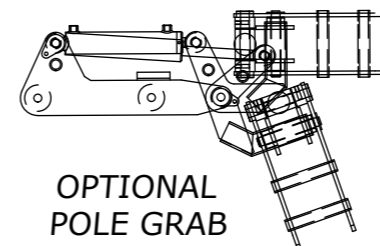
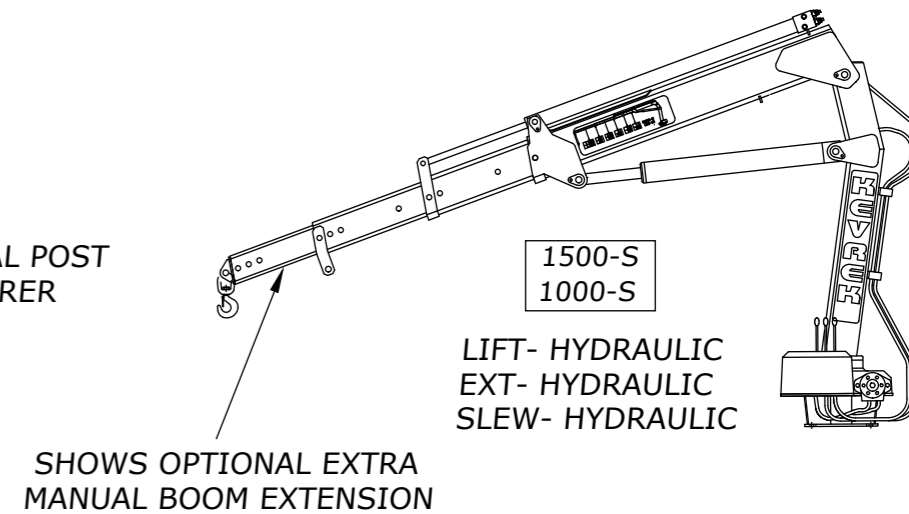
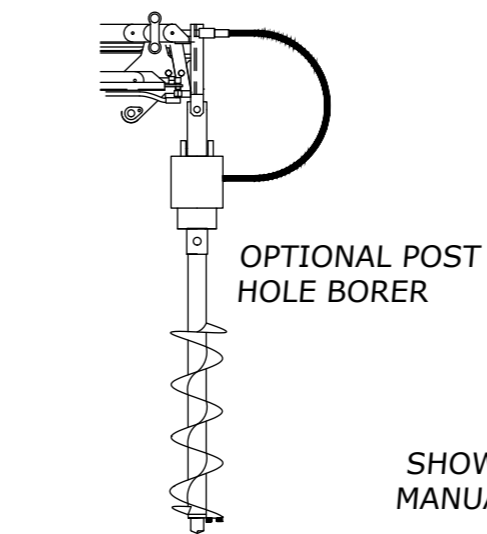
### **Spare Parts Breakdown**

Slew Base - All Models .....	24
Slew Base - 1500 Series .....	25
Hydraulic Control Valve - All Models .....	26
Main Post - All Models .....	27
Main Booms - 700/1000/1500 .....	28
Main Booms - 550 .....	29
2nd Boom - All Models .....	30
3rd Boom - All Models .....	31
Optional Pin Boom - All Models .....	32
Main Lift Cylinder - All Models .....	33
Hydraulic Extension Cylinder - All Models .....	34
1.5 Tonne Safety Hook - All Models .....	35
Leg and Motor Mounts - 550/700/1000 and 1500 Series .....	36
Under Body Mounting Frame 550/700/1000 and 1500 Series .....	37
Manual Stabiliser Leg - All Models .....	38
DC Power Pack - 550/700/1000 Series .....	39
DC Power Pack - 1500 Series .....	40
Hydraulic Hoses All Models .....	41
Hydraulic Hose Accessories - All Models .....	42
Dual Hydraulic Mountings - 1000/1500 Series .....	43
Hydraulic Winch - All Models .....	44
Hydraulic Winch -Anti Two Block Kit (Mechanical and Work Lights) .....	45
Hydraulic Winch -Anti Two Block Kit (Pressure Switches).....	46
Swing Up Extending Hydraulic and Manual Leg - All Models .....	47
Stabiliser Leg Monitoring System/Load Limiter - 1500 Series .....	48
3 Function 2 Speed Electric Valve - All Models .....	49
3 Function 2 Speed Electric Pendant - All Models .....	50
4 Function 2 Speed Electric Valve - All Models .....	51
4 Function 2 Speed Electric Pendant - All Models .....	52
5 Function 2 Speed Electric Valve - All Models .....	53
5 Function 2 Speed Electric Pendant - All Models .....	54
240v-415v Pump Unit - All Models .....	55
Load Limiter K1500 - 3 Sensors .....	56
Load Limiter K1000/1500 - 1 Sensor .....	57
Load Indicators - All Models .....	58
Pole Grab -1000/1500 Series .....	59
Post Hole Borer - 1000/1500 Series .....	60
Radio Remote Control .....	61

700 Series



1000/1500 Series



## Introduction

This Manual will assist you in the Installation, Operation and Maintenance of the Kevrek Crane. The Manual does not replace any government regulations, safety codes or insurance requirements.

DO NOT modify the Crane with anything other than genuine Kevrek spare parts. If in doubt, please contact your nearest Kevrek Dealer. NEVER alter or modify any Kevrek Safety Device. All Kevrek Safety Devices must be inspected, tested and maintained in proper working condition.

The owner of the Kevrek Crane is responsible for the maintenance and operation of the Crane in the safest working condition. Kevrek recommend that a complete service is carried out by a qualified Kevrek Service Agent, after first 6 months of operation and thereafter every 12 months. Failure to do so could result in the warranty to be void.

The Warranty on the Kevrek Crane will be void on any part of the unit that has been subjected to misuse due to overloading, abuse, lack of maintenance, incorrect operation or unauthorized modifications.

## Safety Instructions

### READ AND UNDERSTAND SAFETY INSTRUCTIONS BEFORE USING THIS CRANE

- \* Ensure vehicle is on secure ground and vehicle parking brake is engaged prior to operating Crane.
- \* NEVER operate the Crane on unlevel ground (up to 5° incline)
- \* NEVER operate the Crane without the **Stabiliser Leg or Leg`s in position on firm ground.**

*If ground below Stabiliser Leg is not firm, place wooden or steel planks under leg to stop leg from sinking into the ground under weight.*

- \* The Stabiliser Leg must not be adjusted while load is supported by the Crane.
- \* NEVER stand under a load when suspended from the Crane.
- \* When driving vehicle always ensure Crane is in the folded transport position.
- \* NEVER drive with load suspended from Crane, or with Boom extended.
- \* NEVER modify the Crane in any way.
- \* NEVER use the Crane for pulling or towing the load.
- \* ALWAYS ensure load is lifted clear of ground before attempting to slew.
- \* NEVER drag load along ground by slew mechanism.
- \* NEVER operate the Crane under or near overhead Electrical Wires.
- \* Observe the Load Chart affixed to both sides of the Crane and NEVER exceed or overload the Crane.

*The Kevrek Load chart must be kept in a clean and legible manner at all times.*

- \* NEVER position yourself between vehicle and suspended load.
- \* NEVER continue operating the unit with low vehicle battery power supply, low DC Power Pack, oil level or with worn or faulty components.
- \* ALWAYS use genuine Kevrek spare parts as failure to do so could cause warranty to be void
- \* Consult your Kevrek dealer for repair or maintenance work required.

**ALWAYS PUT SAFETY FIRST**

## Operating Instructions

### READ AND UNDERSTAND OPERATOR INSTRUCTIONS BEFORE USING THIS CRANE

1. Ensure vehicle is on secure ground and vehicle parking brake is engaged
2. Remove Manual Stabiliser Leg from Transport Mount and insert into Underbody Mount.
3. Lower leg onto firm ground via pin adjustment and final screw down adjustment.
4. Turn Battery Isolator Key **clockwise** to the ON position.

**Your Kevrek Crane is now powered ready for work.**

5. Operate Lever in-line with function required.

*The Hydraulic Control Lever Console at the base of the Crane is labelled for each function.*

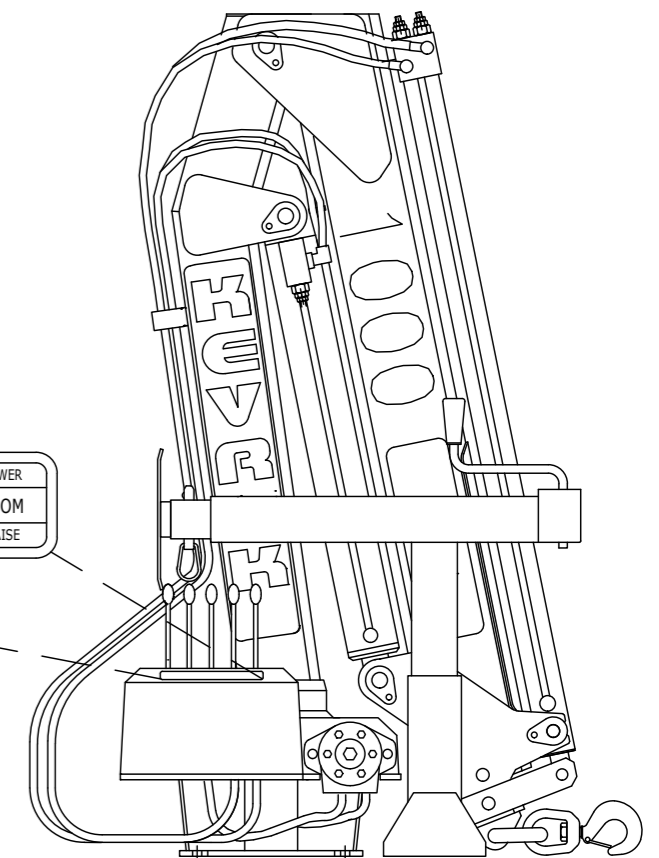
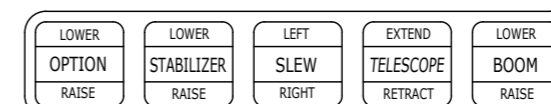
*When activating the required Valve Lever on the Control Console the first 5° of Lever movement serves to start the Motor of the Electric Power Pack. All progressive Lever movement from this point will result in a progressively faster hydraulic movement.*

6. Where Boom Extension function is not Hydraulic, i.e. Manual Pinned, ensure the Boom is pinned at the correct length prior to lifting load.

**NOTE: NEVER adjust Manual Boom while load is suspended.**

7. Where the slewing function is not Hydraulic, i.e.-Manual Crank, place the Crank Handle in the Slew Housing at the base of the Crane and crank manually clockwise or counter clockwise as desired.
8. If you do not know the weight of your load, pick it up from the shortest reach possible and NEVER extend with the possibility of overloading the Crane.
9. On completion of loading, return Crane into correct transport position.
10. Turn Battery Isolator Key **anti clockwise** to the OFF position.
11. Raise Stabiliser Leg and replace in Transport Mount.

**Diagram shows correct parking arrangement of Crane and correct valve sequence.**



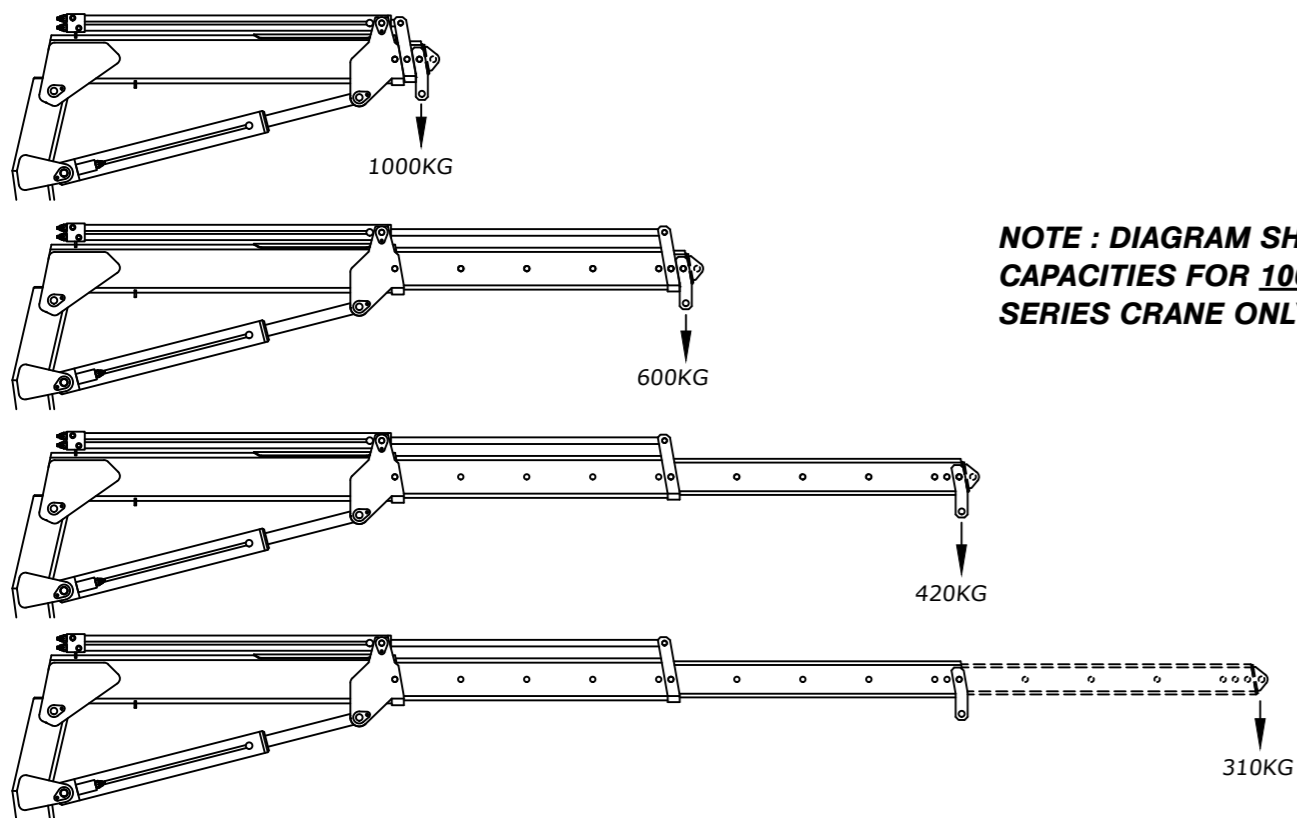


### Operating Instructions Hydraulic Boom Sequence

When operating a Kevrek Crane ALWAYS use the shortest possible Boom Extension, however, when it is necessary to extend the Crane Booms to obtain longer reach, do so by always using the largest Boom section then the next largest and so on in logical sequence as shown below.

Cranes fitted with Dual Hydraulic Extension Booms, have Sequencing Valves present, however, if in the course of operation the Boom starts to operate out of sequence then return the Crane to your local Kevrek Dealer to have the appropriate adjustments made.

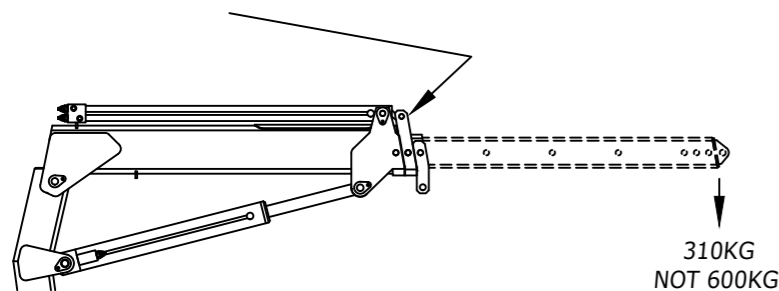
Diagram below shows **CORRECT** operational sequence of the Crane Extension Boom sections.



**NOTE : DIAGRAM SHOWS CAPACITIES FOR 1000 SERIES CRANE ONLY**

Diagram below shows **INCORRECT** operational sequence of the Crane Extension Boom sections.

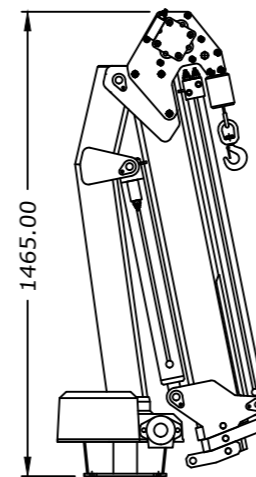
WHEN LOADING AT THIS RADIUS, THE FIRST EXTENSION SECTION SHOULD BE USED.



**NOTE : DIAGRAM SHOWS CAPACITIES FOR 1000 SERIES CRANE ONLY**

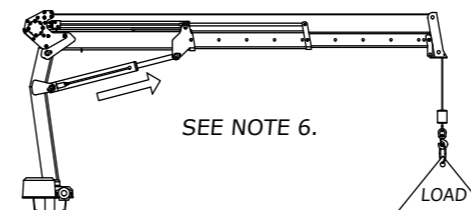
### Operating Instructions Hydraulic Winch

**READ IN CONJUNCTION WITH CRANE OPERATING INSTRUCTIONS PAGE 8**



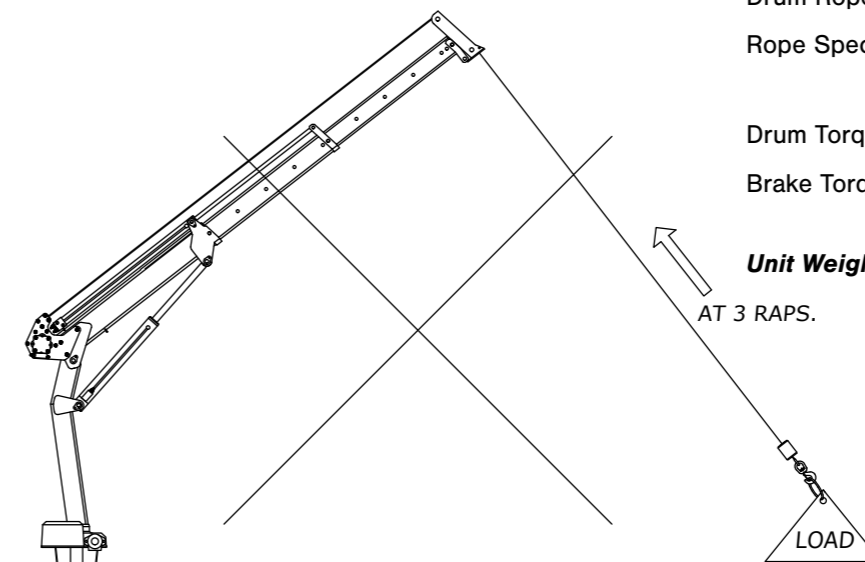
1. Raise Main Boom of Crane and Pin Sheave Block Assembly to end of Boom.
  2. Run Winch Rope out past Sheave Block Assembly and lay Rope into Sheave Rollers.
  3. Install Rope Retaining Pin.
  4. Winch Rope must now be lowered down to enable Crane Boom to be extended to required length.
- The Hydraulic Winch has a maximum lift capacity of 500kg constant line pull, this should be observed when operating the Winch at full Crane Boom Extension.**
5. When operating Winch ensure Crane load capacity stated on both sides of Main Boom is not exceeded.
  6. If weight of load being lifted is not known, first take up rope slack with Winch, then test lift with main boom cylinder. **If Main Boom Cylinder will not lift weight, DO NOT proceed to winch as this will overload the Crane.** If this occurs retract Extension Booms until the Main Boom Lift Cylinder will lift the weight, then winching can proceed.
  7. Before slewing Crane, ensure load is clear off ground.
  8. On completion of loading, remove Sheave Block, retract Winch Rope and return Crane into the transport position.

The Winch is designed for vertical lifting only, and **SHOULD NOT** be used for towing or dragging of weight.



**WINCH SPECIFICATIONS**

- Line Pull – 575kg 1st Rap
- 545kg 2nd Rap
- 515kg 3rd Rap
- Line Speed Unloaded – 6.9 > 7.6 meters P/MIN
- Line Speed Loaded – 5.9 > 6.5 meters P/MIN
- Drum Rope Capacity – 15 meters in 3 raps.
- Rope Specification – 5mm 7 x 19 92070 Galvanised Wire Core
- Drum Torque – 600nm
- Brake Torque – 430nm static, 700kg loaded at 3 raps.



## Maintenance and Care

As the owner of a Kevrek Crane, you can expect it to continue operating safely and reliably for many years. This statement and our warranty however presupposes that the crane will be subjected to regular inspection and preventative and service maintenance.

The objective of periodic inspection is to ensure the serviceability and safe operation of the crane. Recording of information will provide a history of the crane's condition from the inspection reports, maintenance and any repairs carried out in accordance with Kevrek's recommendations and proceeding. A record of the quarterly inspections and annual servicing is required and relevant information originating from each inspection and service..

***It is recommended that a Complete service is carried out by a qualified Kevrek service agent after the first 6 months of operation and thereafter every 12 months.***

### Weekly Inspection

- \* Check oil level in Hydraulic Oil Tank.
- \* Check Battery Isolator Key is functional.
- \* Check Valve and Microswitches. Start Electric Motor when lever is moved and stop Motor when lever is returned to neutral.
- \* Check the rest of the Crane for damage.
- \* Repair immediately any component on the Crane that is damaged.

### Inspection and Maintenance Every 3 Months

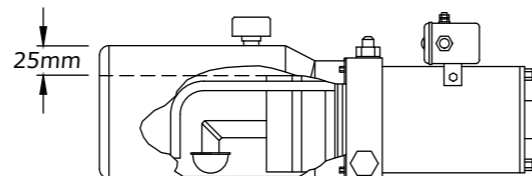
- \* Remove Console Cover and inspect Slew Worm for excessive wear or movement. Replace or tighten as necessary, clean off old grease and apply fresh grease.
- \* Check Valve Lead Seal is in place.
- \* Check Hose Connections under Valve and tighten if necessary.
- \* Check and tighten Hydraulic Connections around Power Pack and around Crane, Leg and Slew Motor.
- \* Check Safety Latch on hook and general condition of other lifting tackle that is used.
- \* Check all Notices, Load Chart Stickers and Valve Lever Stickers are in place and legible.
- \* Check Mounting Bolts and structural integrity of Mounting Frame.
- \* Carry out visual inspection of structural parts to detect any cracks or deformation.
- \* Inspect nylon wear buttons between Boom sections for excessive wear and replace if necessary.
- \* Check oil level in Hydraulic Oil Tank.
- \* Lubricate contact areas and the top and Bottom of the Booms with heavy, good quality grease.
- \* Put Crane through full capacity Load Test and listen for any suspicious noises or excessive play in pivot points.

### Hydraulic Oil Maintenance

The oil level in the Power Pack of your Kevrek Crane should be checked with the Crane in the fully folded position and should be at the level indicated in the diagram.

Hydraulic oil should be changed every 12 months. ***Use only fresh High Quality 46 WEIGHT Hydraulic Oil.***

Remove Power Pack front cover every six months to inspect Motor Brushes. Install new Brushes if necessary and re-install front cover securely.



## Trouble Shooting

### Crane will operate but Hydraulic action is slow and jerky:

- \* Check oil in Power Pack oil tank - top up if necessary.
- \* Check oil tank for contamination and possible contaminants in Control Valve or Load Holding Valves.
- \* Drain complete Hydraulic system.
- \* After reassembly be sure to bleed all Hydraulic functions free of air.
- \* Check Suction Filter is clean.

### Isolator Key Is on but Crane will not run:

- \* Check Emergency Stop is not pushed in.
- \* Check 5amp in-line Fuse in Harness running from Valve Console down to Electric Power Pack Solenoid - replace if necessary.
- \* Check Isolator Switch for correct operation - replace if faulty.
- \* Check for faulty Motor Solenoid or Electric Motor Brushes - replace if necessary.
- \* Check Emergency Stop N/C Contact Block

### Crane will not support Full Permissible Load, without slowly lowering down:

- \* Load Holding Valve is possibly blocked with contaminants or in need of adjustment. Contact your nearest Kevrek agent for this service.

### Crane will not lift allowable load:

- \* Pressure Relief Valve on Electric Power Pack or Control Valve requires adjustment. Contact your nearest Kevrek agent for this service.

### Crane Motor will not stop working when the Levers or Switches are not activated:

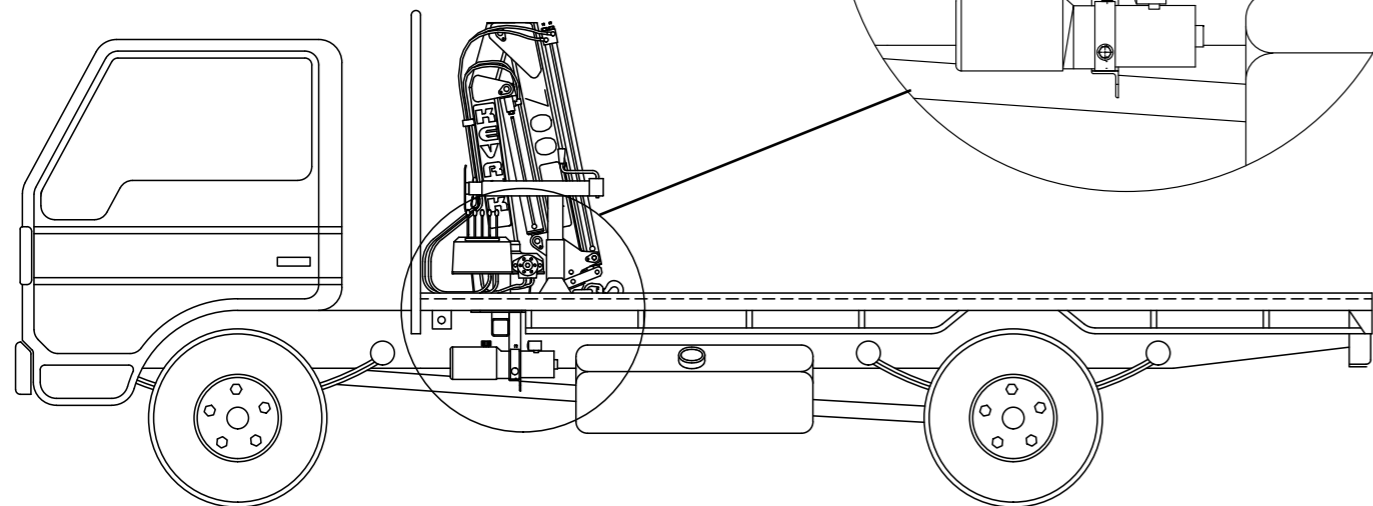
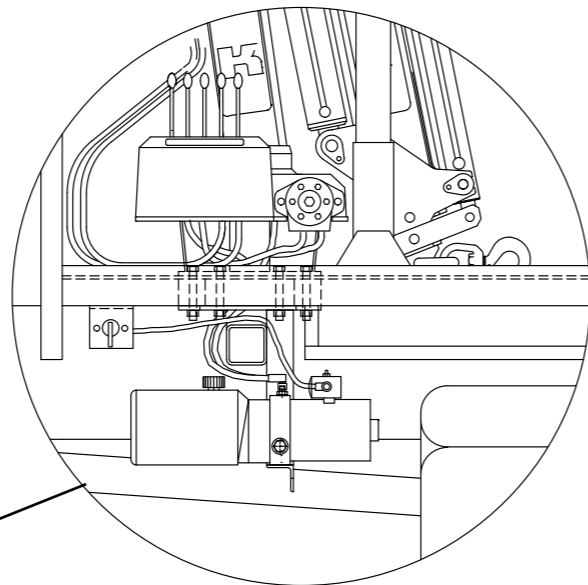
- \* The DC Motor Solenoid is stuck, closed or the Microswitch/Microswitch Actuator is faulty. - Replace the faulty part.  
(Until the part can be replaced, turn the Crane on and off by using the Isolation Switch).

**Installation Instructions**

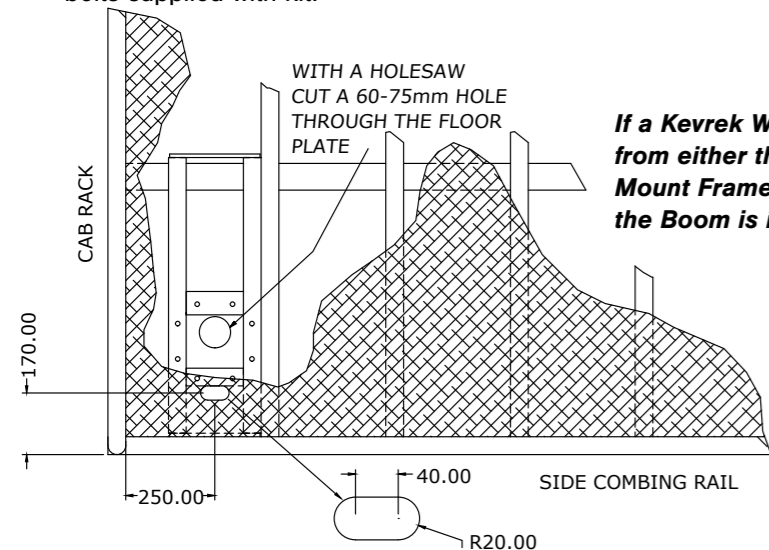
**FAILURE TO ADHERE TO AUSTRALIAN STANDARD MOUNTING INSTRUCTIONS, CAN RESULT IN EQUIPMENT FAILURE AND COULD RESULT IN SERIOUS INJURY.**

**When fitting a Kevrek Crane, make note of the underfloor cross support locations. When correctly fitted, the Mounting Frame sits in the cavity between the Main Load Bearer and the Floor Plate between 2 Cross Bearers and butts up to the Side Combing Rail.**

1. Disconnect vehicle battery supply in preparation for welding.
2. Fit Mounting Frame under floor of vehicle allowing at least 250mm from vehicle head board to center of the Mounting Frame.
3. Jack Mounting Frame hard up under vehicle floor plate and pull hard against vehicle Side Combing Rail.
4. Mounting Frame can now be welded to Side Combing Rail to Main Load Bearer to Cross Bearers and to Underfloor Plate to ensure frame is rigidly mounted.



5. Eight 14mm holes can now be drilled through the vehicle floor plate using pre-drilled Mounting Frame holes as a guide.
6. The slotted hole can now be drilled or gas cut to allow Hydraulic and Electric lines to go from Control Console to Electric Power Pack.  
*Where possible, slotted hole should be lined with Pinch Mold or Split Water Hose to stop abrasion on the lines.*
7. Mount Crane on the top of the floor and fasten through Mounting Frame then through Motor Mounting Frame using bolts supplied with kit.



**Important**

**If a Kevrek Winch is to be fitted, you will need to allow 400mm from either the Cab Rack or the Toolbox to the center of the Mount Frame. Failure to do this will cause the Winch to hit when the Boom is in the horizontal position.**

8. Feed Hydraulic Hoses through slotted hole in Floor Plate.
9. Fit Electric Power Pack up to Motor Mounting Base under vehicle body.

*Continued Next Page*

**Installation Instructions**

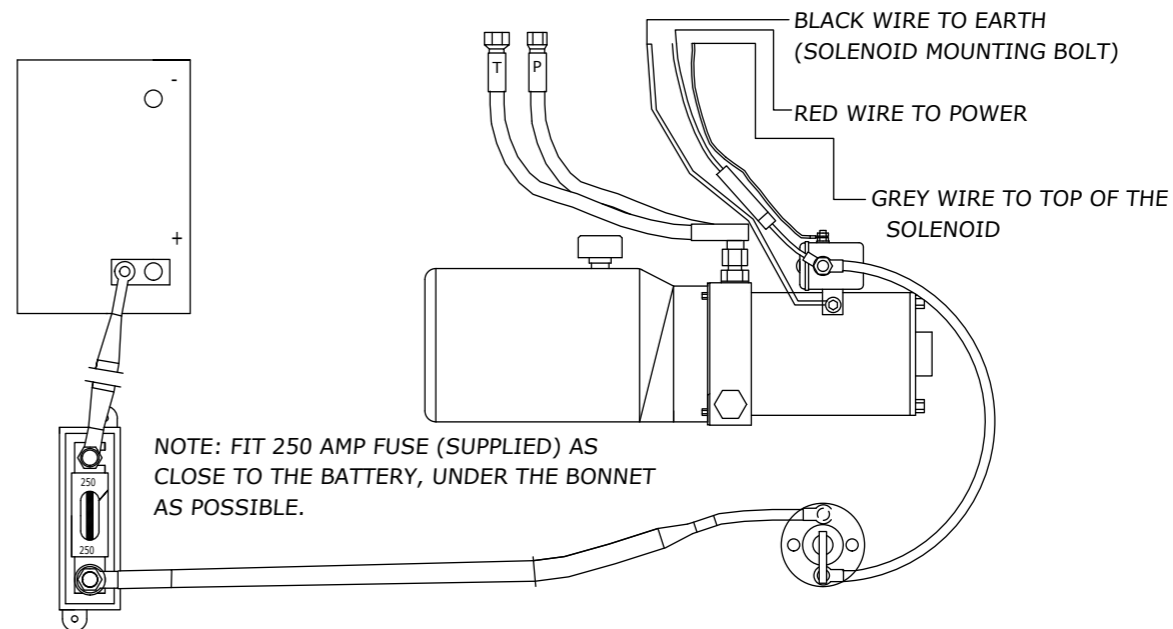
*Continued From Page 12*

10. Connect Hydraulic Hoses hanging through slot in Vehicle Floor Plate. The large Elbow Fitting to Large Nipple on near side of Power Pack and the small Elbow Fitting to Small Nipple on far side of Power Pack.
11. Connect Electrical Harness from Control Console through vehicle floor, to Motor Starter Solenoid shown in Diagram below.
12. Weld or bolt Battery Isolator (supplied in kit) under Vehicle Floor Plate or in a convenient location on the vehicle.
13. Mount Switch close enough so that the cable can be connected to the Large Lug on the near side of the Electric Motor Starter Solenoid.
14. Find a suitable place in the engine bay, as close as possible to the battery to mount the 250amp Fuse Holder.
15. Connect Cable supplied from the positive Battery Terminal to the 250amp Fuse
16. Run insulated Battery Cable from the 250amp Fuse along vehicle chassis to spare Terminal on Battery Isolator Key.  
**CAUTION: DO NOT CONNECT TO BATTERY POLE YET**

**NOTE: Cable length is supplied to accommodate for a majority of vehicle types and fitting positions and therefore may prove to be over length. If this is the case, simply run the cable along chassis, Past Power Pack and loop back to make connection, using zip ties to fasten to chassis as often as needed.**

17. Ensure that the vehicle body is properly grounded to chassis so that a suitable earth is obtained for Electric Power Pack.
18. Reconnect all vehicle Electrical Wires to original positions.
19. Connect Insulated Cable to positive terminal on Vehicle Battery.
20. Double check that when battery connections were tightened, lugs did not swing down to touch and possibly earth on the body or chassis parts nearby.
21. Double check and tighten all Crane Mounting Bolts.
22. Check Power Pack oil level.

**This Crane has been factory run and pressure tested, therefore hydraulic system is fully primed, however unit may need to be run through a complete cycle before lifting weight due to refitting of hoses.**



**Slew Stop Adjustment**

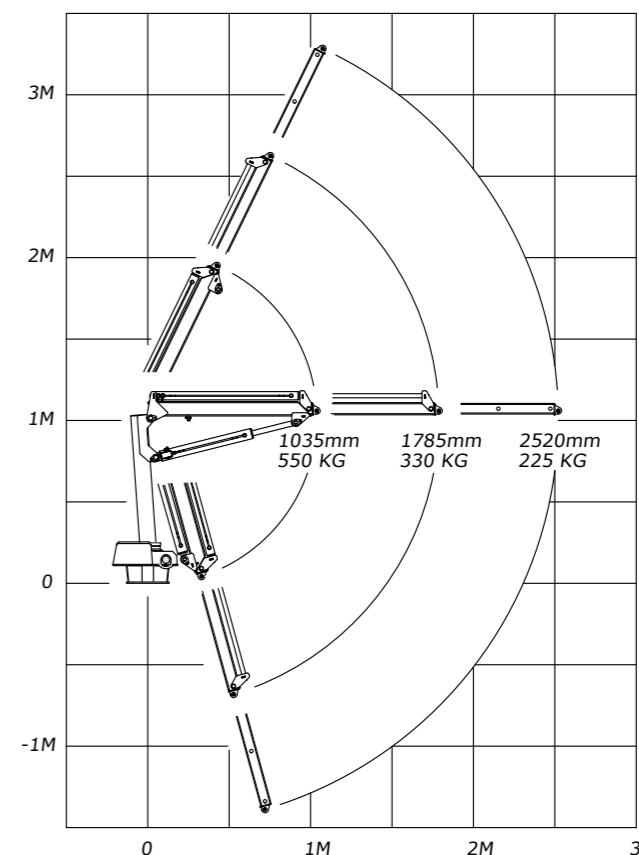
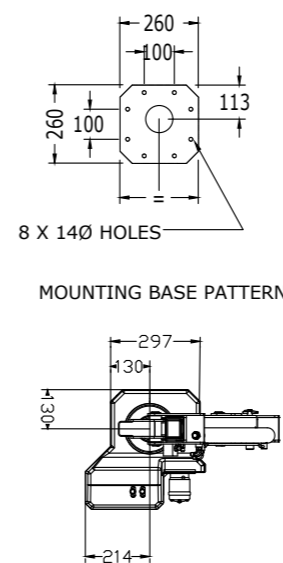
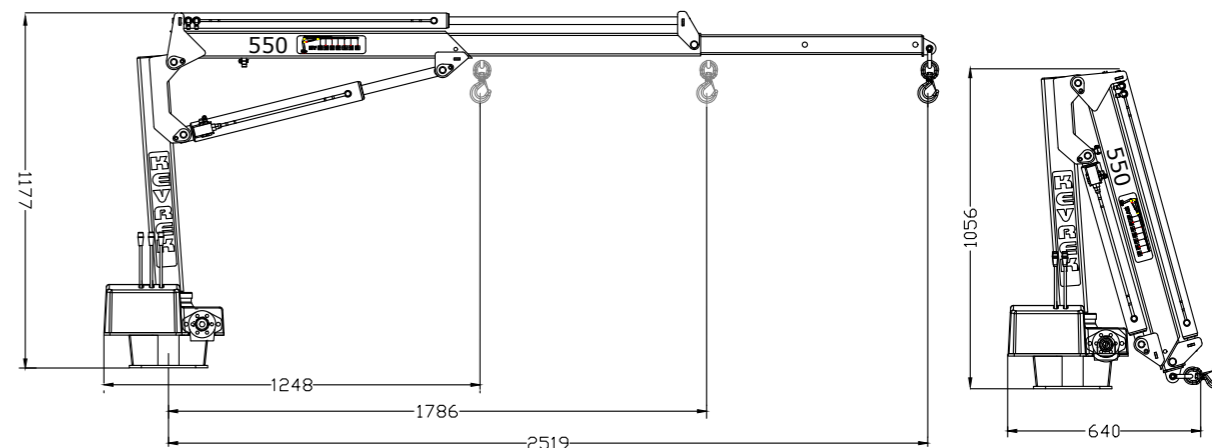
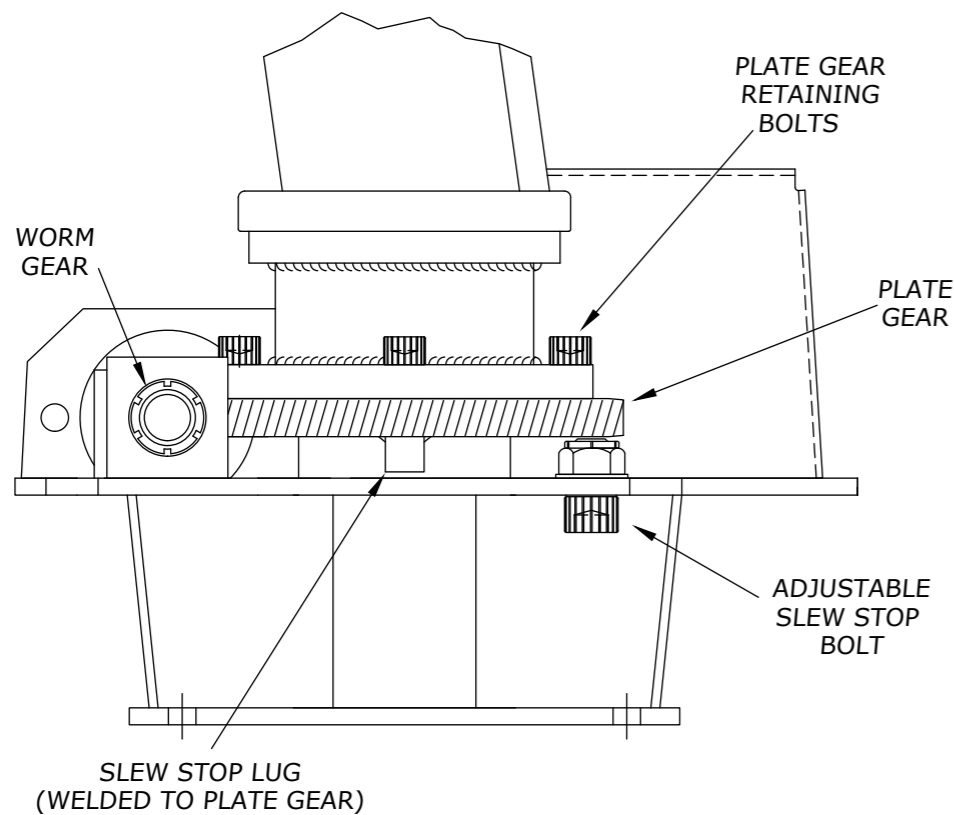
**550 Series**

All Kevrek Cranes fitted with a Manual Control Valve come standard with Dual Slew Stop to prevent the Boom from travelling over the operators position. If the Crane has a Cable or Radio Remote then the procedure below may be applicable.

**TO ADJUST THE POSITIONING OF THE SLEW STOP**

1. Remove Plastic Control Cover.
2. Remove adjustable Slew Stop Bolt and replace in 1 of 4 positions.
3. Where the rotation stop position was changed by more than 90°, the exit direction of the Hydraulic Hoses from the Base may have to be redirected from left to right hand exit according to Slew Stop adjustments made.
4. Reinstall Plastic Control Cover.
5. Test Crane slew rotation to ensure all adjustments made were correct.

Capacity Class		0.56Tm (5.49 kNm)
Maximum Lift Capacity		550kg @ 1.035m Radius
Standard Outreach		2.52m
With Additional Boom		N/A
Lifting Height Above Base Standard		3.25m
With Additional Boom		N/A
Outreach/Lifting Capacity	1.03m - 550kg	
	1.78m - 330kg	
	2.52m - 225kg	
Slewing Torque		1.5 kNm
Slewing Angle		290°
Pump Capacity		4.9 > 7.0l/min
Oil Tank Volume		3.0l
Working Pressure		1750 PSI (120 BAR)
Power Consumption	12 volt	50 > 150 amp
	24 volt	50 > 90 amp
Weight Inc/Power Pack And Oil		125kg
Weight - Manual Leg C/W Motor Mount and Storage Mount		14kg
Height Folded		1057mm

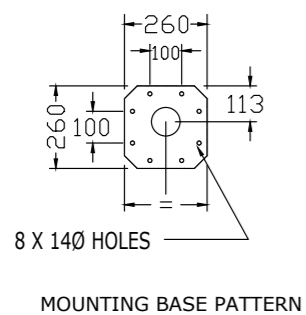
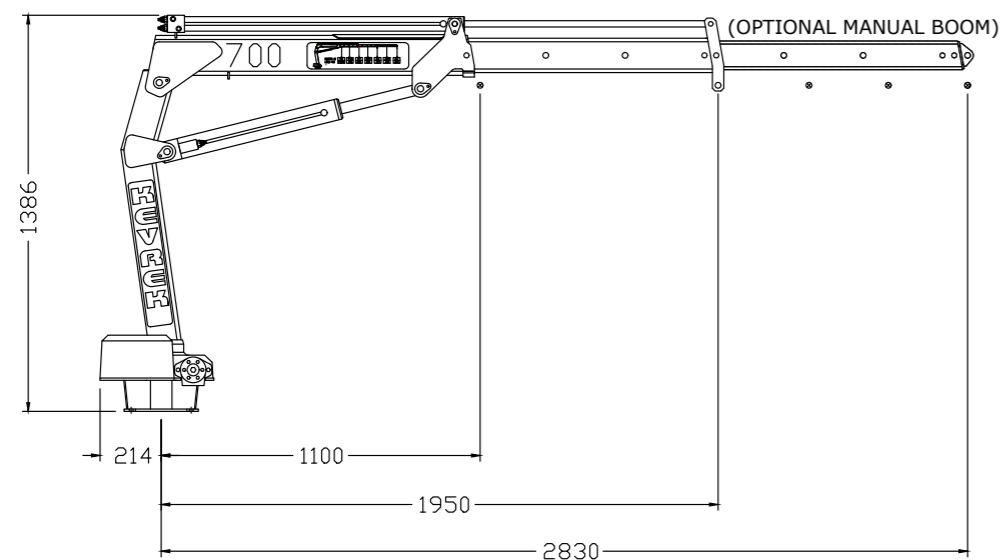


THE CAPACITY OF THIS CRANE IS LIMITED BY HYDRAULIC DEVICES.

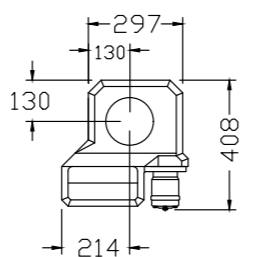
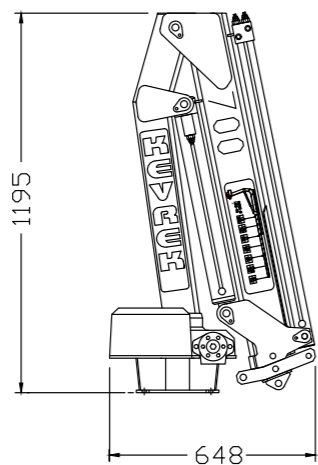


**700 Series**

Capacity Class		0.75 Tm (7.35 kNm)
Maximum Lift Capacity		700kg @ 1.12m Radius
Standard Outreach		1.95m
With Additional Boom		2.83m
Lifting Height Above Base Standard		2.90m
With Additional Boom		3.80m
Outreach/Lifting Capacity	1.10m - 700kg	
	1.40m - 557kg	
	1.68m - 450kg	
	1.95m - 390kg	
	2.28m - 340kg	
	2.55m - 285kg	
	2.83m - 270kg	
Slewing Torque		1.5 kNm
Slewing Angle		290°
Pump Capacity		4.9 > 7.0l/min
Oil Tank Volume		3.0l
Working Pressure		1750 PSI (120 BAR)
Power Consumption	12 volt	50 > 150 amp
	24 volt	50 > 90 amp
Weight Inc/Power Pack And Oil	"M" - Model	133kg
	"P" - Model	146kg
	"S" - Model	152kg
Weight - Manual Leg C/W Motor Mount and Storage Mount		18kg
Swing up Hydraulic Stabiliser Leg		~43kg
Height Folded		1195mm

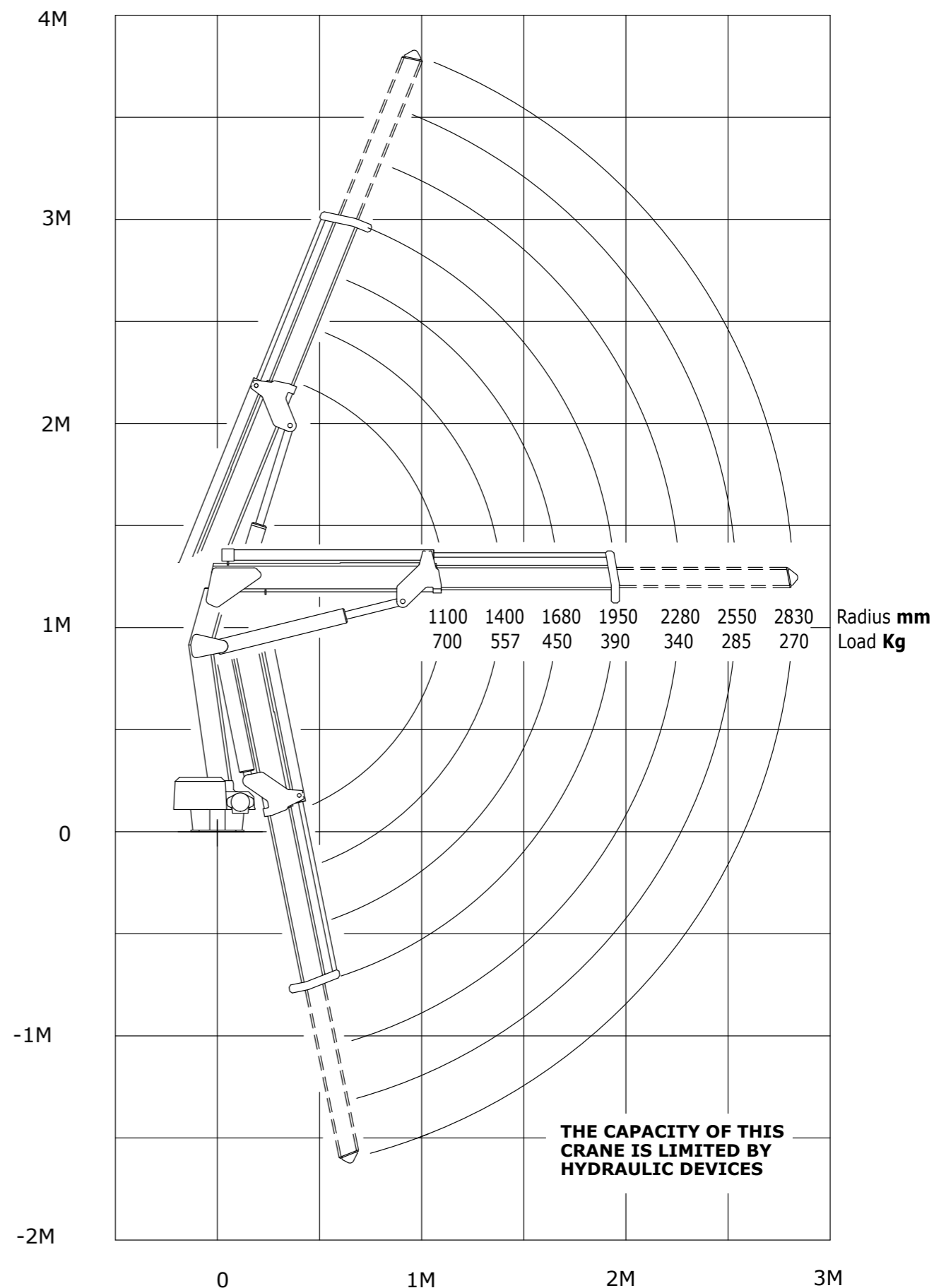


MOUNTING BASE PATTERN



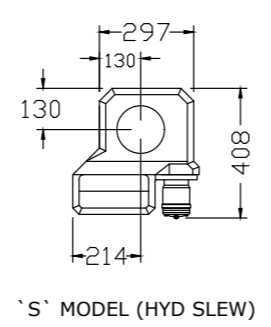
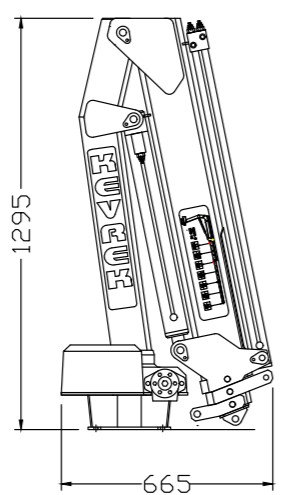
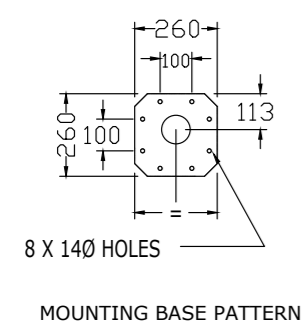
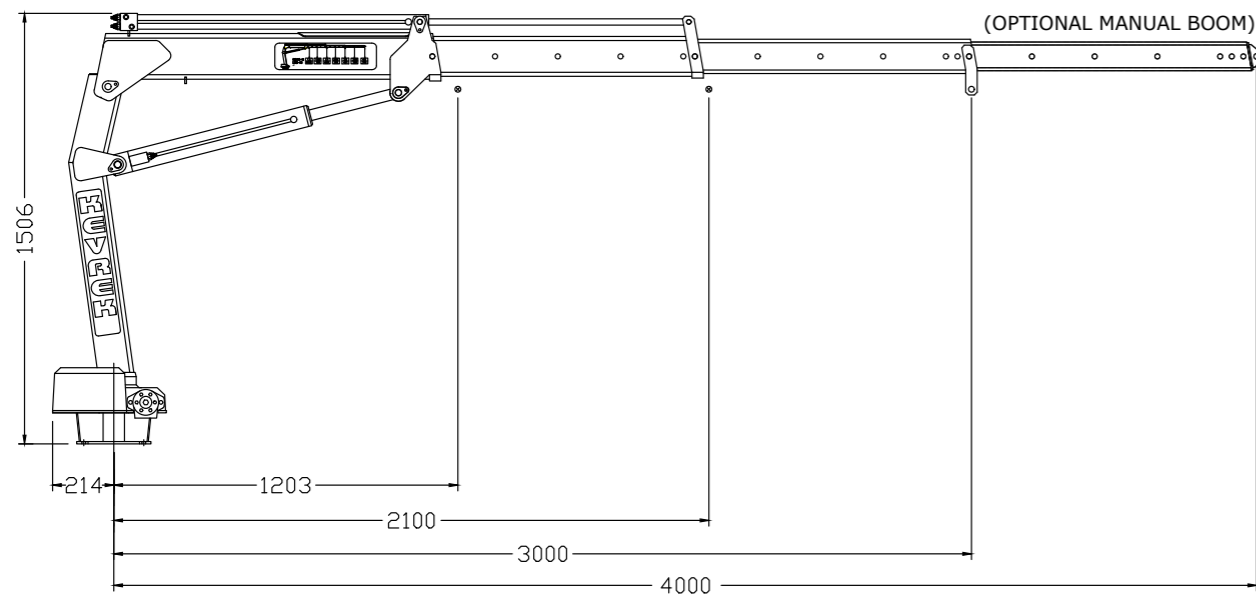
'S' MODEL (HYD SLEW)

**700 Series**

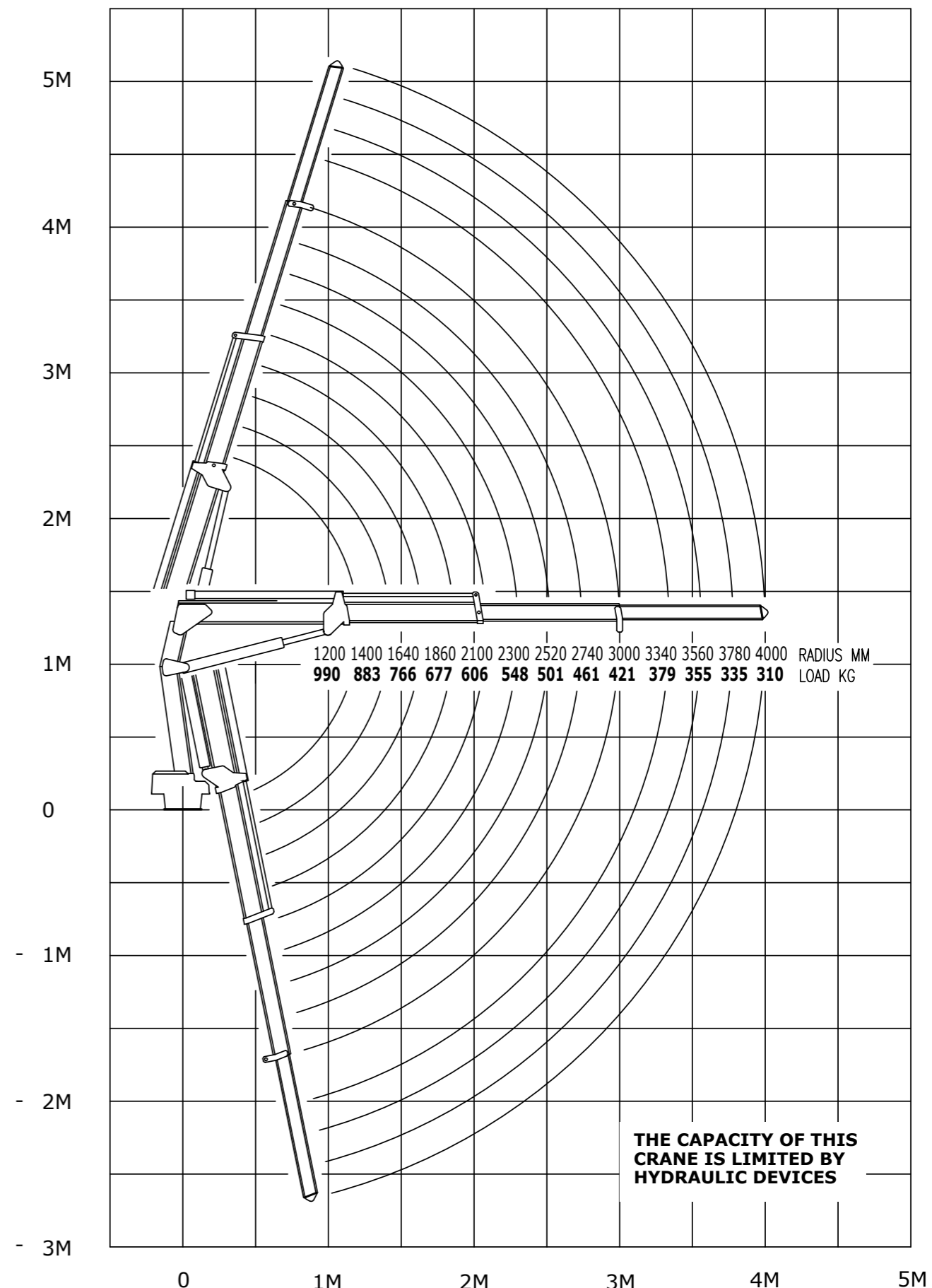


**1000 Series**

Capacity Class	1.25Tm (12.2kNm)
Maximum Lift Capacity	990kg @ 1.2m Radius
Standard Outreach	3.00m
With Additional Boom	4.00m
Lifting Height Above Base Standard	4.10m
With Additional Boom	5.09m
Outreach Lifting Capacity	1.20m - 990kg
	1.64m - 766kg
	2.10m - 606kg
	2.52m - 501kg
	3.00m - 421kg
	3.56m - 355kg
	4.00m - 310kg
Slewing Torque	1.75 kNm
Slewing Angle	290°
Pump Capacity	4.9 > 7.0l/min
Oil Tank Volume	3.0l
Working Pressure	2500 PSI (186 BAR)
Power Consumption	12 volt      50 > 190 amp
	24 volt      50 > 115 amp
Weight Inc/Power Pack And Oil	"M" - Model      153kg
	"P" - Model      167kg
	"S" - Model      173kg
Weight - Manual Leg C/W Motor Mount and Storage Mount	18kg
Swing up Hydraulic Stabiliser Leg	~43kg
Height Folded	1295mm



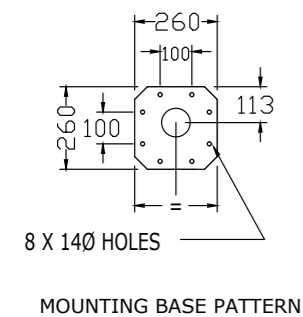
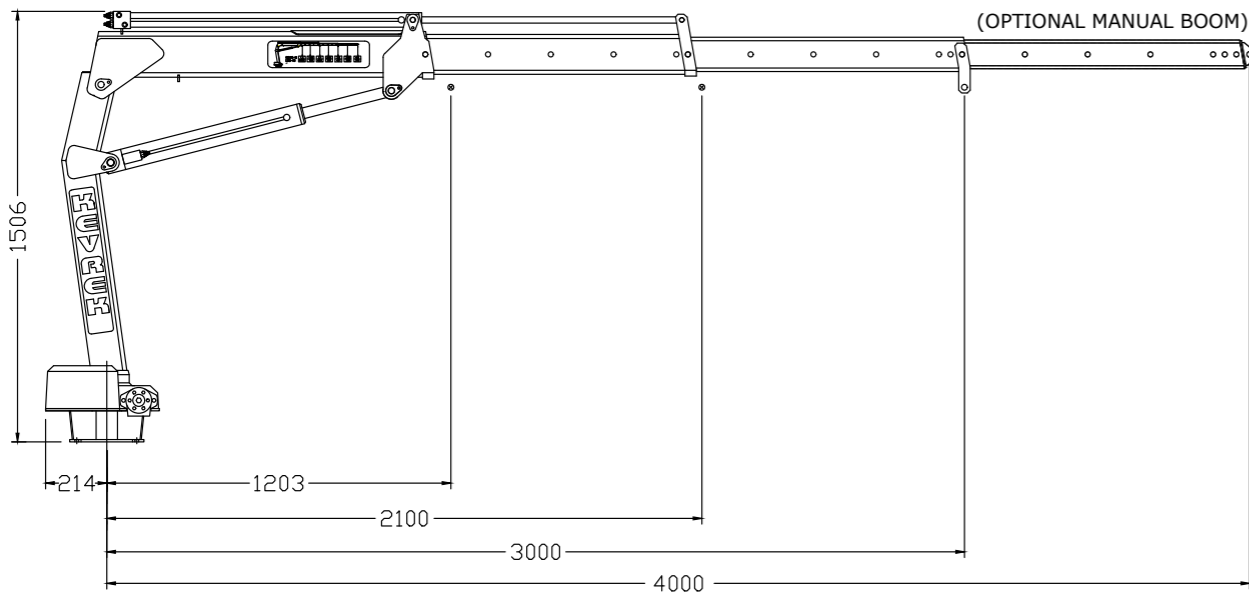
**1000 Series**



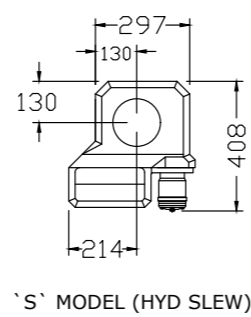
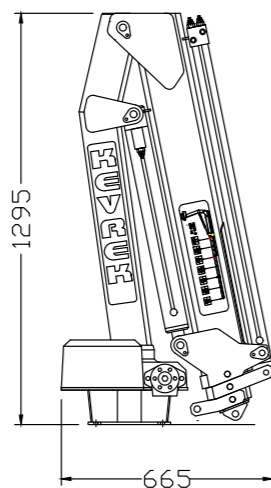
**THE CAPACITY OF THIS CRANE IS LIMITED BY HYDRAULIC DEVICES**

**1500 Series**

Capacity Class		1.50Tm (14.6kNm)
Maximum Lift Capacity		1250kg @ 1.2m Radius
Standard Outreach		3.00m
With Additional Boom		4.00m
Lifting Height Above Base Standard		4.10m
With Additional Boom		5.09m
Outreach Lifting Capacity	1.20m - 1250kg	
	1.64m - 914kg	
	2.10m - 714kg	
	2.52m - 595kg	
	3.00m - 500kg	
	3.56m - 421kg	
	4.00m - 375kg	
Slewing Torque		2.2 kNm
Slewing Angle		290°
Pump Capacity		4.9 > 7.0l/min
Oil Tank Volume		3.0l
Working Pressure		3200 PSI (223 BAR)
Power Consumption	12 volt	50 > 240 amp
	24 volt	50 > 150 amp
Weight Inc/Power Pack And Oil	"M" - Model	160kg
	"P" - Model	174kg
	"S" - Model	180kg
Weight - Manual Leg C/W Motor Mount and Storage Mount		18kg
Swing up Hydraulic Stabiliser Leg		~43kg
Height Folded		1295mm

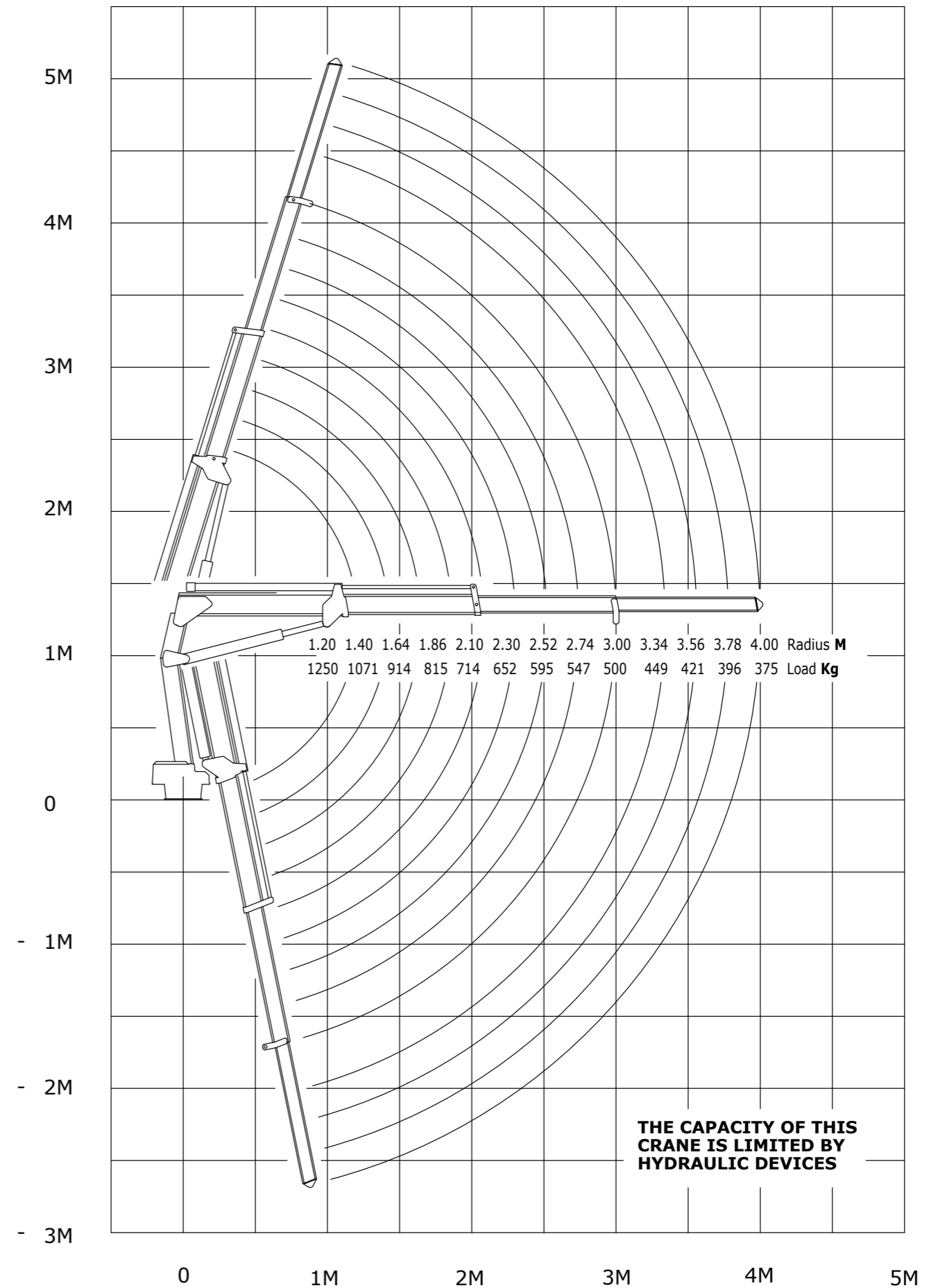


MOUNTING BASE PATTERN



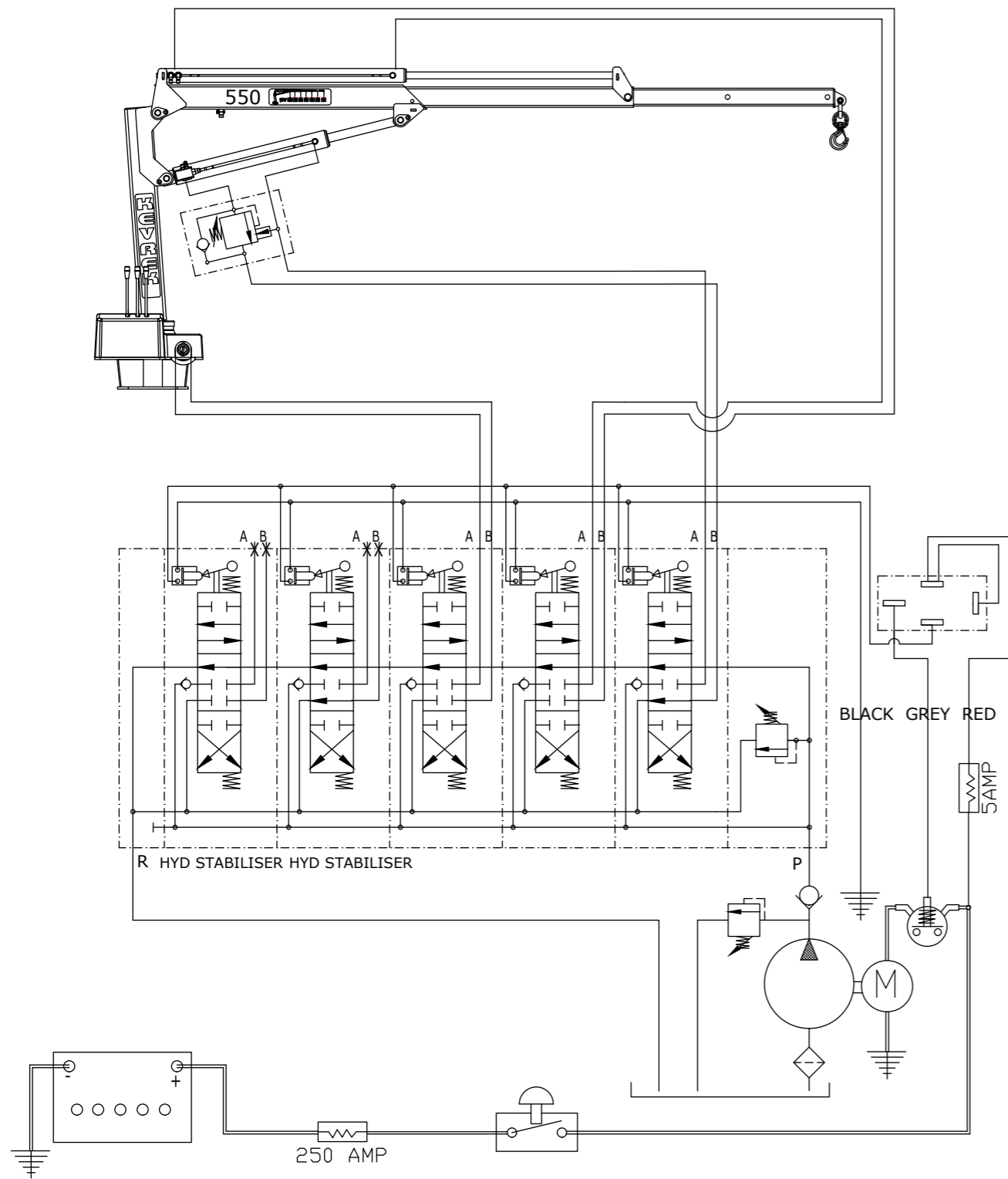
'S' MODEL (HYD SLEW)

**1500 Series**

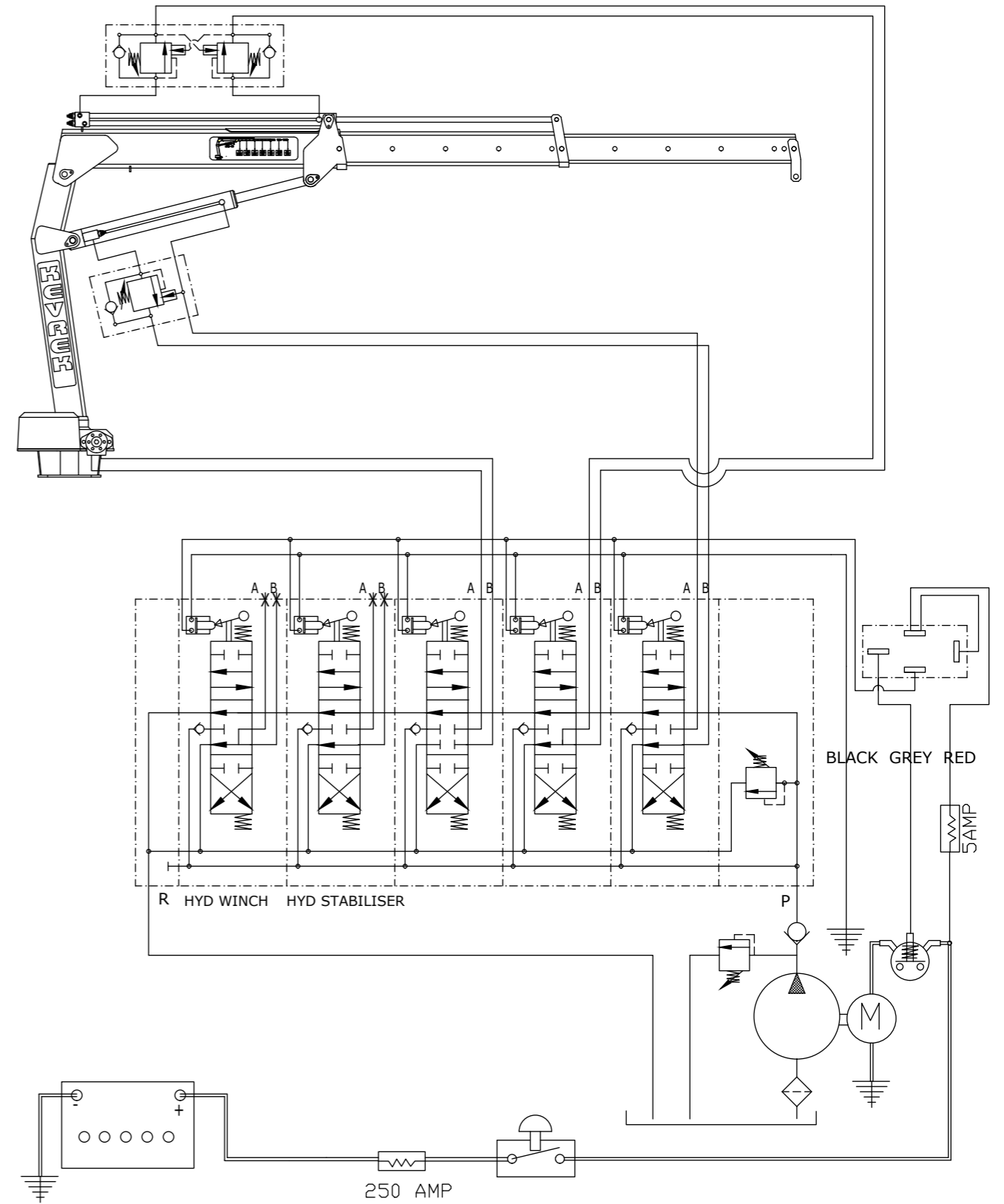


**THE CAPACITY OF THIS CRANE IS LIMITED BY HYDRAULIC DEVICES**

**Electric and Hydraulic Schematic**  
**550 Series**



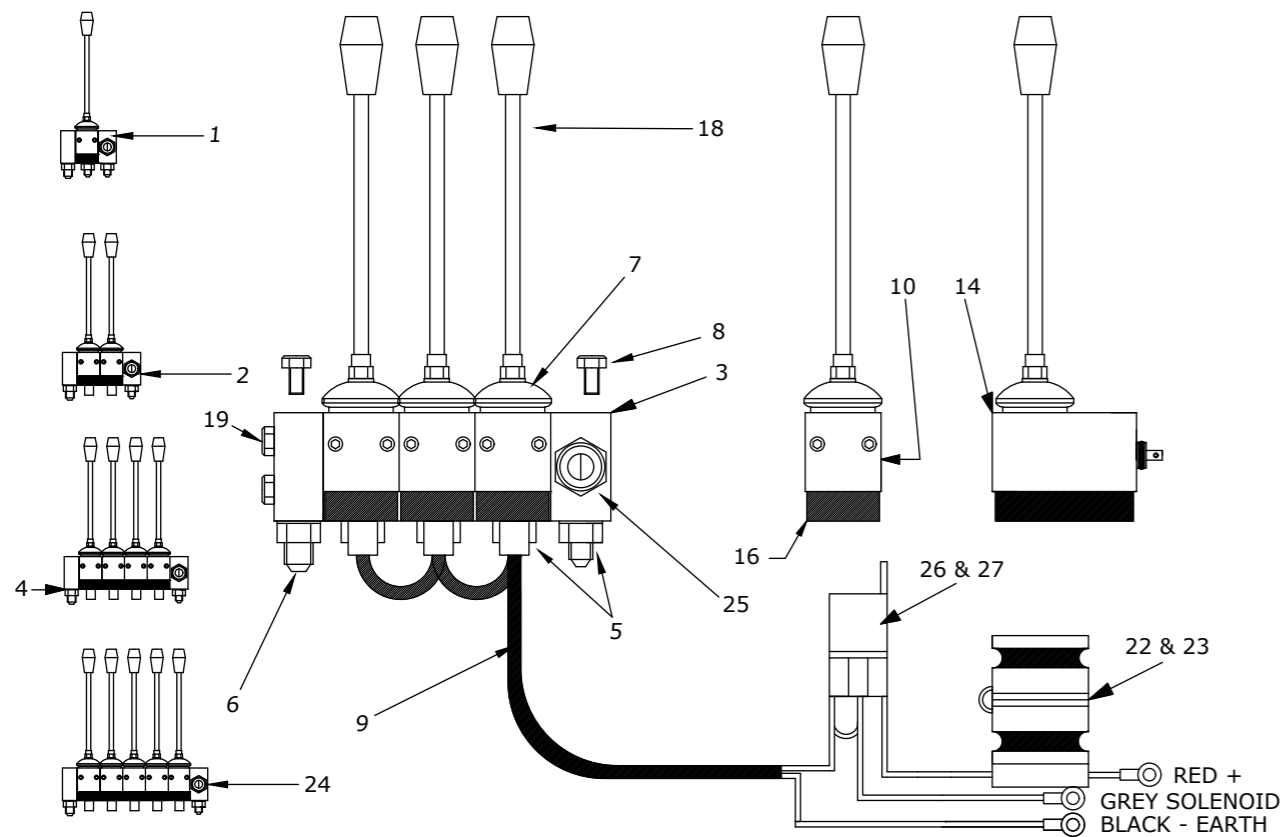
**Electric and Hydraulic Schematic**  
**All Models**







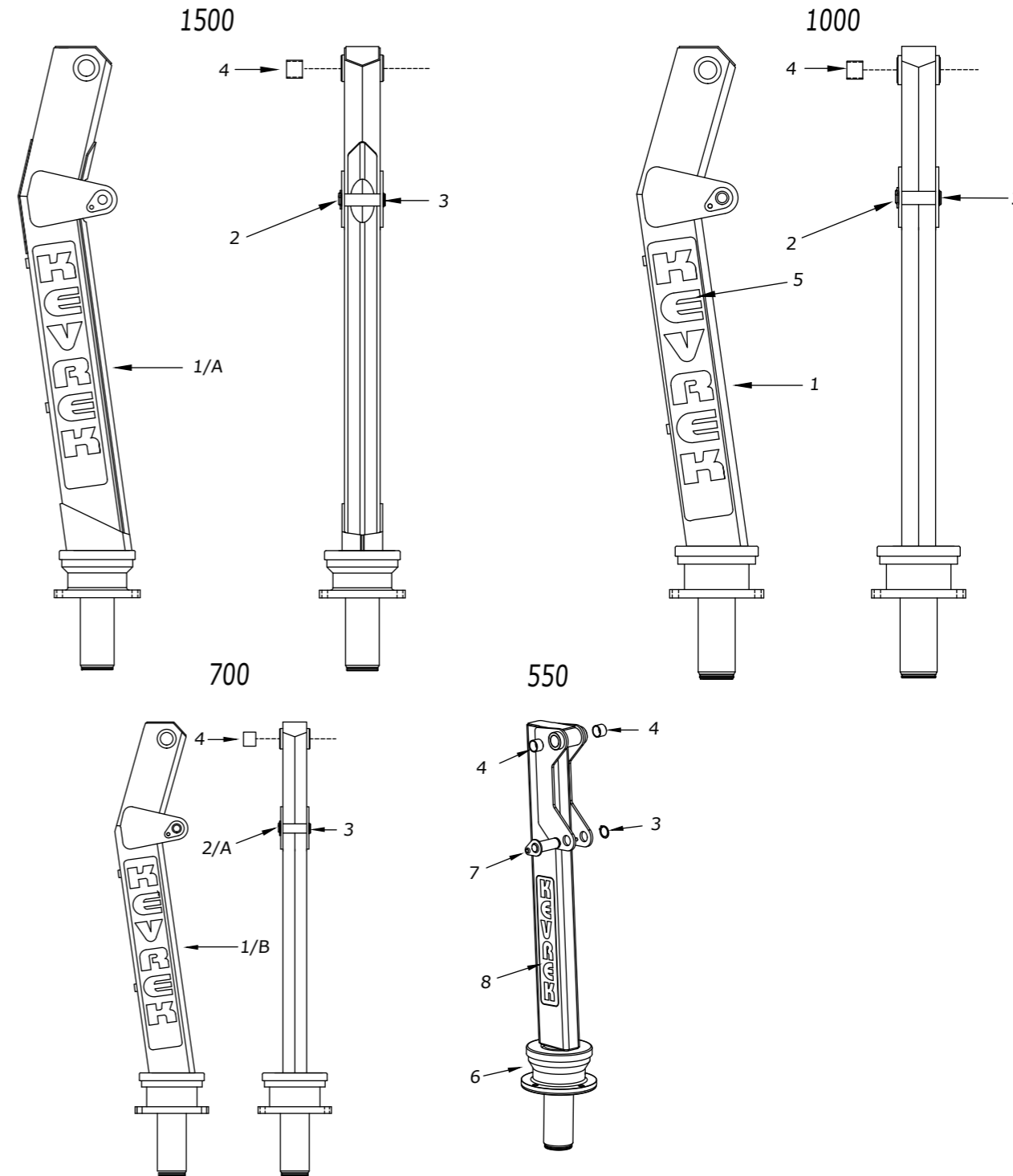
**Hydraulic Control Valve  
All Models**



Item No.	Description	QTY	Notes	Order Part No.
1	Single Valve Bank Complete	1		1000/2/1
2	Double Valve Bank Complete	1		1000/2/2
3	Triple Valve Bank Complete - Standard "SXX"	1		1000/2/3
4	Quad Valve Bank Complete	1		1000/2/4
5	Small Hydraulic Nipple Adapter	7		1000/2/5
6	Large Hydraulic Nipple Adapter	1		1000/2/6
7	Rubber Boot	3		1000/2/7
8	Mounting Bolt and Washer	4		1000/2/8
9	Electrical Harness all Models	1		1000/2/9
10	Single Spool Section - Lift and Telescopic Extension	1		1000/2/10/X
11	Single Spool Section - Slew	1		1000/2/10/S
12	Single Spool Section - Lift - PTO application only	1	Not Pictured	1000/2/10/L
13	"X" Spool to suit Load Limiting application	1	Not Pictured	1000/2/10/DS
14	Repair Kit to suit DV12 - No Spool	1		1000/2/10/RK
15	Seal Kit to suit DV12 Spool Section	1	Not Pictured	1000/2/10/SK
16	Microswitch - DV33	3		1000/2/11
17	Microswitch - GOETZ	1	Not Pictured	1000/2/11/A
18	Manual Handle	3		1000/2/12
19	Bolt Kit 3 Function	1		1000/2/13/A
20	Bolt Kit 4 Function	1	Not Pictured	1000/2/13/B
21	Bolt Kit 5 Function	1	Not Pictured	1000/2/13/C
22	Fuse Holder - Blade	1		1000/2/14
23	Fuse - Blade - 5 amp	1		1000/2/14/A
24	5 Function Valve Complete	1		1000/2/15
25	Relief Valve	1		1000/2/16
26	12 volt Relay	1		1000/2/17
27	24 volt Relay	1		1000/2/18
28	6 Function Valve to suit Pole Grab	1	Not Pictured	1000/2/19
29	6 Function Wiring Loom	1	Not Pictured	1000/2/19A
30	Triple Valve Bank Complete - to suit K550 "SXX"	1	Not Pictured	550/2/3
31	Triple Valve Bank Complete - Re-furbished	1	Not Pictured	1000/2/3/RE-FURB
32	Single Spool Section - Re-furbished	1	Not Pictured	1000/2/10/RE-FURB

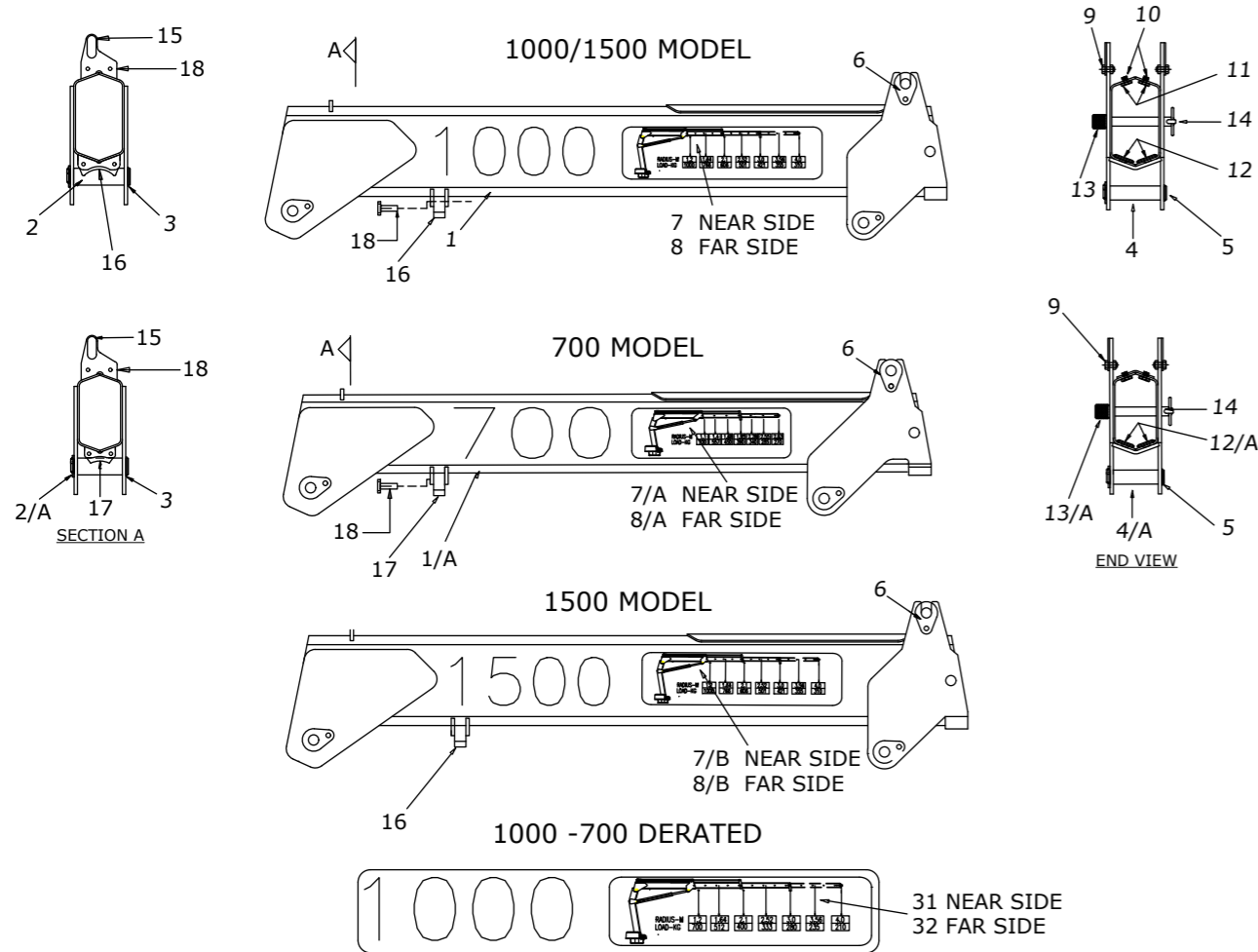
**The Re-furbished Valve Sections are subject to Availability**

**Main Post  
All Models**

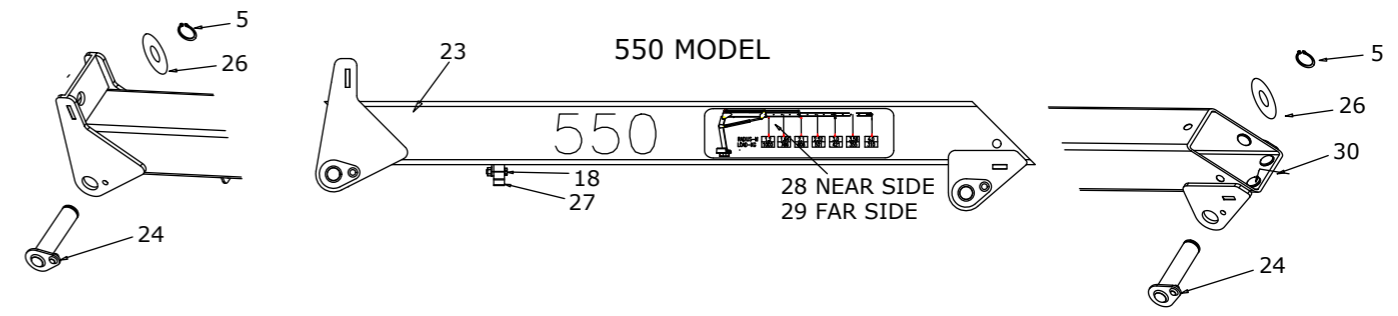


Item No.	Description	QTY	Notes	Order Part No.
1	1000 Post Weldment	1		1000/3/1
1A	1500 Post Weldment	1		1500/3/1
1B	700 Post Weldment	1		700/3/1
2	Cylinder Pivot Pin	1		1000/3/2
2A	Cylinder Pivot Pin	1		700/3/2
3	Circlip	1	All Models	1000/3/3
4	Pivot Pin Bush	2	All Models	1000/3/4
5	Kevrek Post Decal	2	All Models	1000/3/5
6	550 Post	1		550/3/1
7	550 Cylinder Pivot Pin	1		550/3/2
8	550 Post Decal	2		550/3/5

**Main Boom  
1500/1000/700 Series**



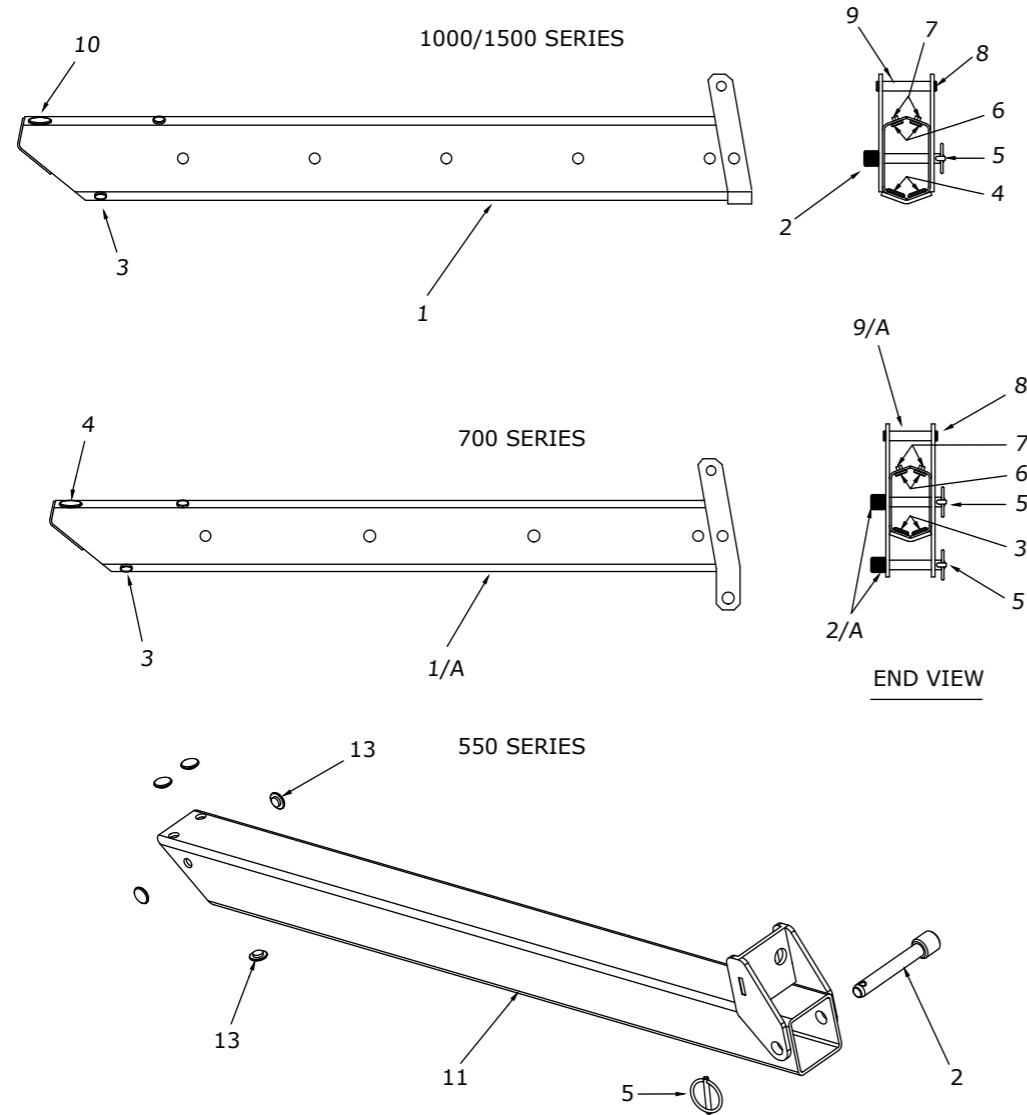
**Main Boom  
550 Series**



Item No.	Description	QTY	Notes	Order Part No.
1	1000/1500 Main Boom Weldment	1		1000/4/1
1/A	700 Main Boom Weldment	1		700/4/1
2	1000/1500 30mm Diameter Pivot Pin	1		1000/4/2
2/A	700 30mm Diameter Pivot Pin	1		700/4/2
3	Circlip 30mm Pin Circlip	1	All Models	1000/4/3
4	1000/1500 25mm Diameter Pivot Pin	1		1000/4/4
4/A	700 25mm Diameter Pivot Pin	1		700/4/4
5	Circlip 25mm Pin Circlip	1	All Models	1000/4/5
6	Teardrop Keeper Plate	1		1000/4/6
7	1000 Load Chart Near Side	1		1000/4/7
7/A	700 Load Chart Near Side	1		700/4/7
7/B	1500 Load Chart Near Side	1		1500/4/7
8	1000 Load Chart Far Side	1		1000/4/8
8/A	700 Load Chart Far Side	1		700/4/8
8/B	1500 Load Chart Far Side	1		1500/4/8
9	Bolt and Nut	2		1000/4/9
10	Boom Stop Lug Retaining Bolt	2	All Models	1000/4/10
11	Boom Stop Lug	2	All Models	1000/4/11
12	1000/1500 Nylon Wear Button - Large	2		1000/4/12
12/A	700 Nylon Wear Button - Medium	2		1000/5/4
13	1000/1500 Boom Locking Pin	1		1000/4/13
13/A	700 Boom Locking Pin	1		1000/5/2
14	Boom Locking Pin Retaining Clip	1	All Models	1000/4/14
15	700/1000/1500 Extension Cylinder Buffer	1		1000/4/15
16	1000/1500 Lift Cylinder Buffer	1		1000/4/16
17	700 Lift Cylinder Buffer	1		700/4/17
18	Buffer Retaining Bolts and Nuts (All Models)	2	Per Buffer	1000/4/15/A
19	Main Boom to Suit Hydraulic Winch	1	Not Pictured	1000/4/1/W
20	Main Boom to Suit Winch and A2B Kit	1	Not Pictured	1000/4/1/A2B
21	Main Boom to Suit Pole Grab	1	Not Pictured	1000/4/1/P-GRAB
22	Main Boom to Suit Winch K700	1	Not Pictured	700/4/1/W
31	De-Rated Load Chart 1000 to 700 Near Side	1		1000/4/7/700
32	De-Rated Load Chart 1000 to 700 Far Side	1		1000/4/8/700

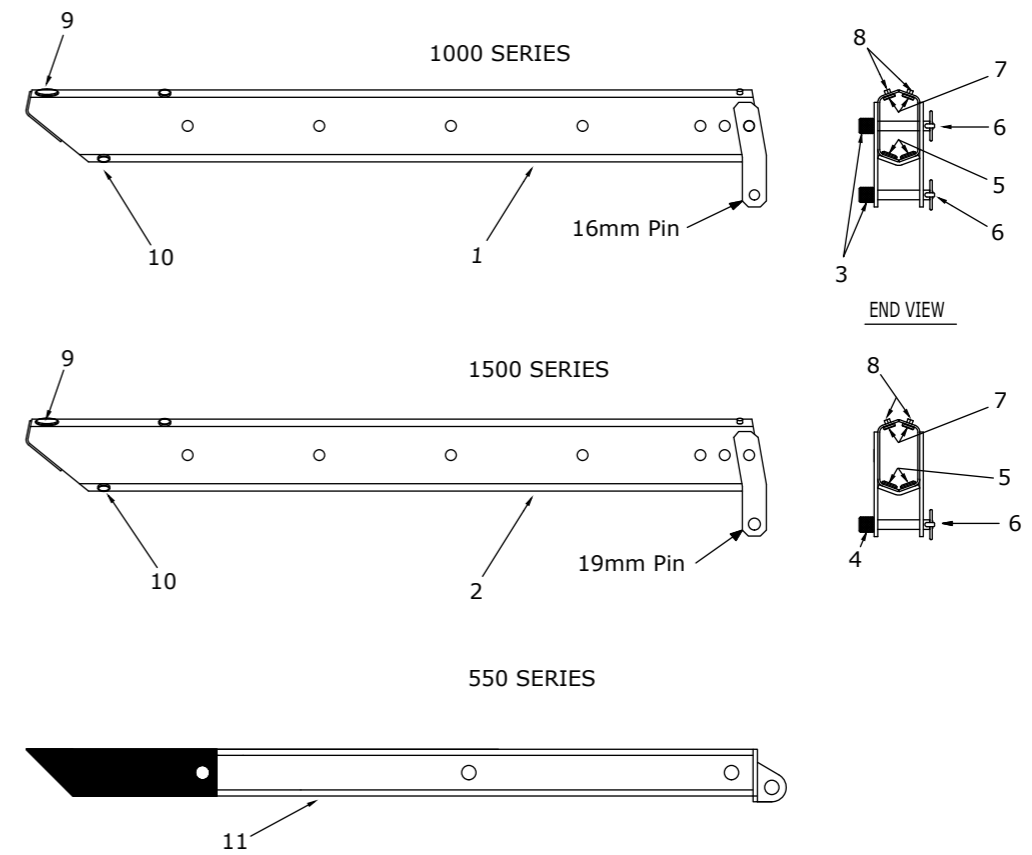
Item No.	Description	QTY	Notes	Order Part No.
23	550 Main Boom	1		550/4/1
24	550 25mm Pivot Pin and Cylinder Pin	2		1000/4/4
25	550 Pivot Pin Retaining Circlip	2	Not Pictured	1000/4/5
26	550 Pivot Pin Spacer	2		550/4/6
27	550 Lift Cylinder Buffer	1		550/4/4/BFR
28	550 Load Chart Near Side	1		550/4/7
29	550 Load Chart Far Side	1		550/4/8
30	550 Nylon Wear Buttons	5		550/4/12
<b>All other components on previous page</b>				

**Second Boom  
All Models**



Item No.	Description	QTY	Notes	Order Part No.
1	1000/1500 2nd Boom Weldment	1		1000/5/1
1A	700 2nd Boom Weldment	1		700/5/1/A
2	1000/1500 Boom Locking Pin	1		1000/5/2
2A	700 Boom Locking Pin	2		1000/6/2
3	Nylon Wear Button - Small	2		1000/5/3
4	Nylon Wear Button - Medium	2		1000/5/4
5	Boom Locking Pin Retaining Clip	1		1000/4/14
6	Boom Stop Lug	2		1000/4/11
7	Boom Stop Lug Retaining Bolt	2		1000/4/10
8	Cylinder Retaining Pin Circlip	2		1000/5/8
9	1000/1500 Cylinder Retaining Pin	1		1000/5/9
9A	700 Cylinder Retaining Pin	1		700/5/9/A
10	Nylon Wear Button - Large	2		1000/4/12
11	550 2nd Boom Weldment	1		550/5/1
12	Boom Locking Pin	1		1000/5/2
13	Nylon Wear Buttons	5		550/4/12

**Third Boom  
All Models**



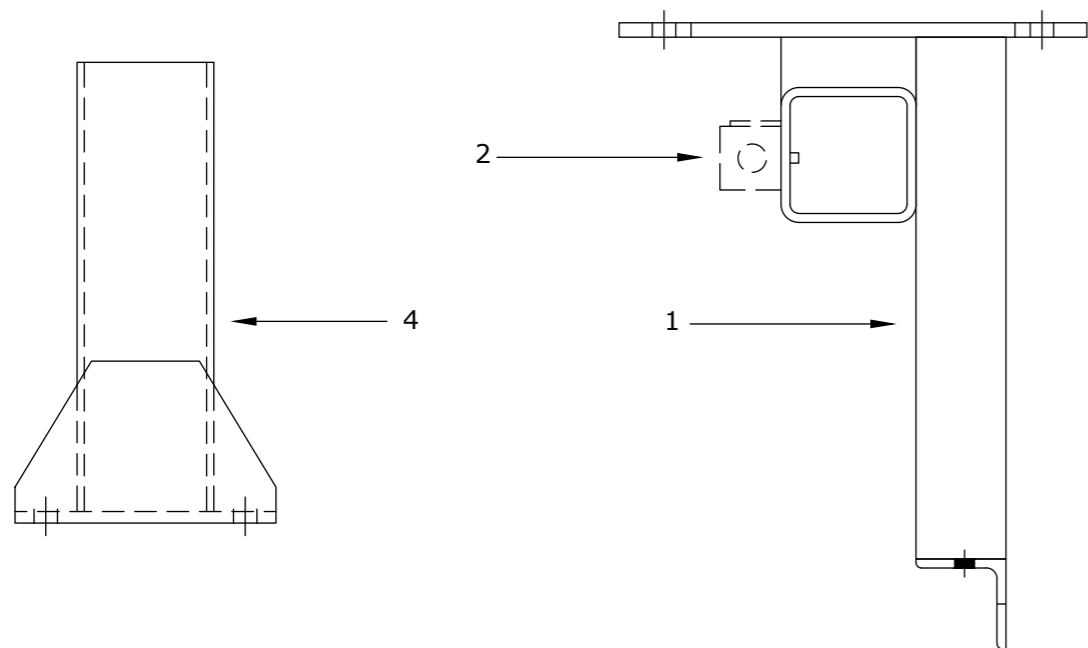
Item No.	Description	QTY	Notes	Order Part No.
1	1000 3rd Boom Weldment	1		1000/6/1
2	1500 3rd Boom Weldment	1		1500/6/1
3	Boom Locking Pin - 16mm K1000	2		1000/6/2
4	Boom Locking Pin - 19mm K1500	1		1000/2/7
5	Nylon Wear Button - Medium	2		1000/5/4
6	Boom Locking Pin Retaining Clip	2		1000/4/14
7	Boom Stop Lug	2		1000/4/11
8	Boom Stop Lug Retaining Bolt	2		1000/4/10
9	Nylon Wear Button - Medium	2		1000/5/4
10	Nylon Wear Button - Small	2		1000/5/3
11	550 3rd Boom Weldment	1		550/6/1





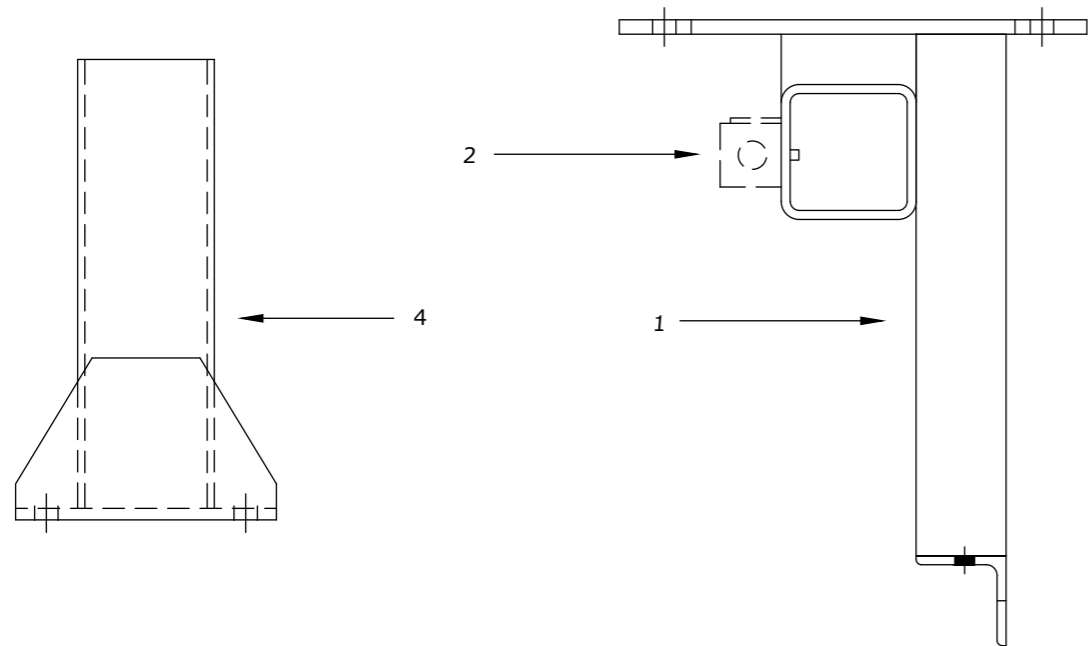


**Leg and Motor Mounts**  
**550/700/1000 Series**



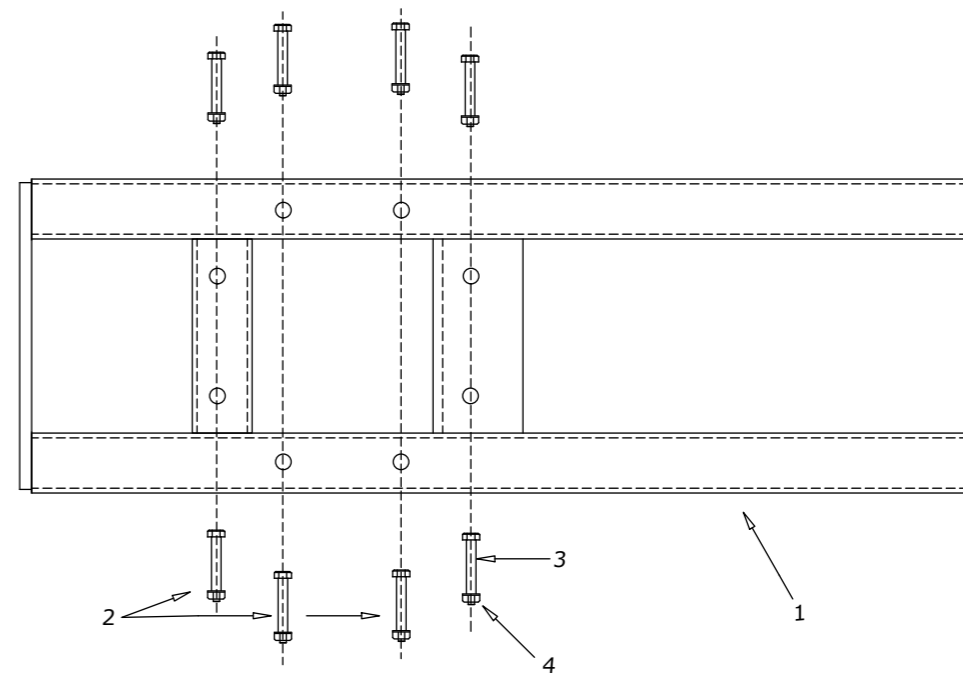
Item No.	Description	QTY	Notes	Order Part No.
1	550/700/1000 Under Body Motor and Stabiliser Mount	1		1000/13/1
2	Leg Cut Out Switch - (where fitted)	1	All Models	1000/13/2
3	Cable Gland 16mm	1	Not Pictured	1000/13/3
4	550/700/1000 Stabiliser Leg Storage Mount	1		1000/11/1

**Leg and Motor Mounts**  
**1500 Series**



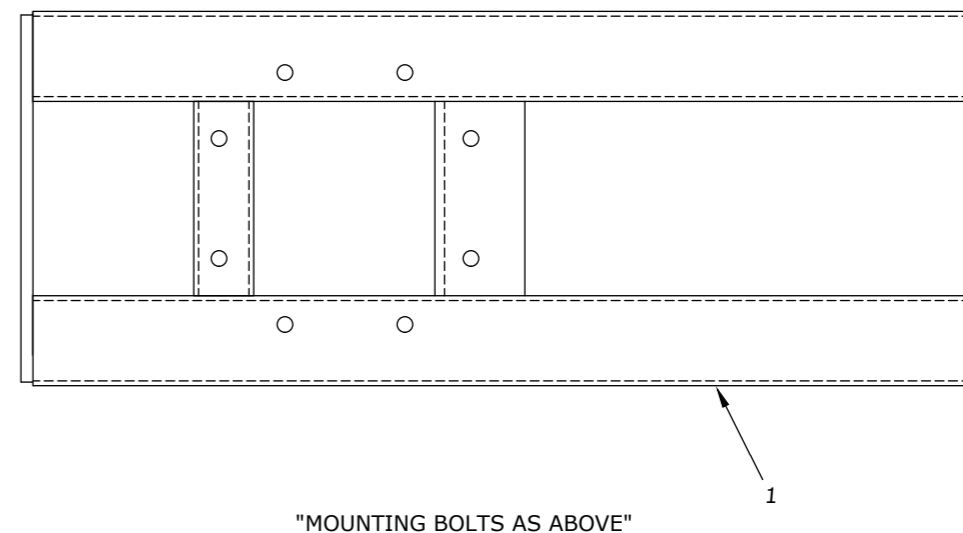
Item No.	Description	QTY	Notes	Order Part No.
1	1500 Under Body Motor and Stabiliser Mount	1		1500/13/1
2	Leg Cut Out Switch	1	Where Fitted	1000/13/2
3	Cable Gland 16mm	1	Not Pictured	1000/13/3
4	1500 Stabiliser Leg Storage Mount	1		1500/11/1

**Under Body Mounting Frame**  
**550/700/1000 Series**



Item No.	Description	QTY	Notes	Order Part No.
1	550/700/1000 Under Body Mounting Frame	1		1000/12/1
2	M12 x 100mm Crane Hold Down Bolt	6	M12 x 100mm	1000/12/2
3	M12 X 40mm Crane Hold Down Bolt	2	M12 X 40mm	1000/12/3
4	Nyloc Nut	8	12mm Nyloc Nut	1000/12/4
<b>Note: M12 Grade 8.8 Bolt assembly torque 77N/M - 57ft/lb</b>				

**Under Body Mounting Frame**  
**1500 Series**



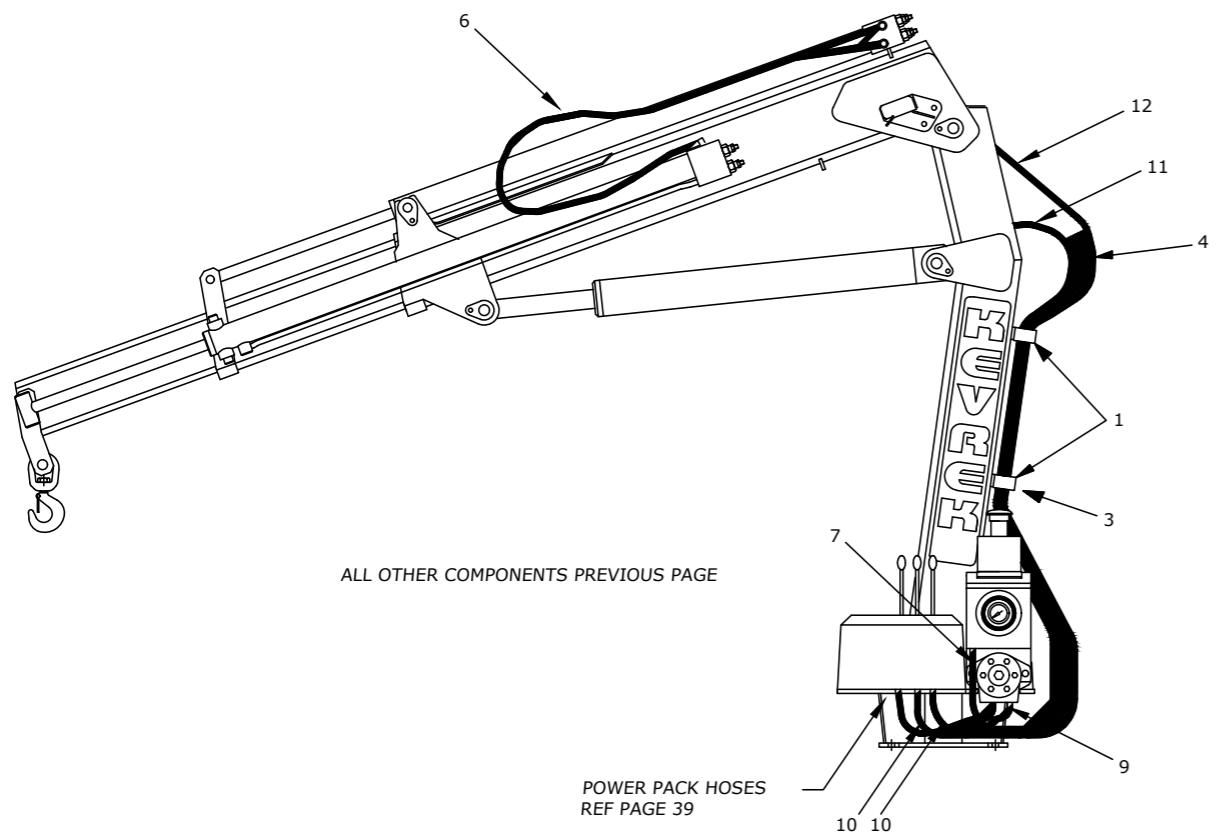
Item No.	Description	QTY	Notes	Order Part No.
1	1500 Under Body Mounting Frame	1		1500/12/1
<b>Mounting Bolts as above</b>				
<b>Note: M12 Grade 8.8 Bolt assembly torque 77N/M - 57ft/lb</b>				





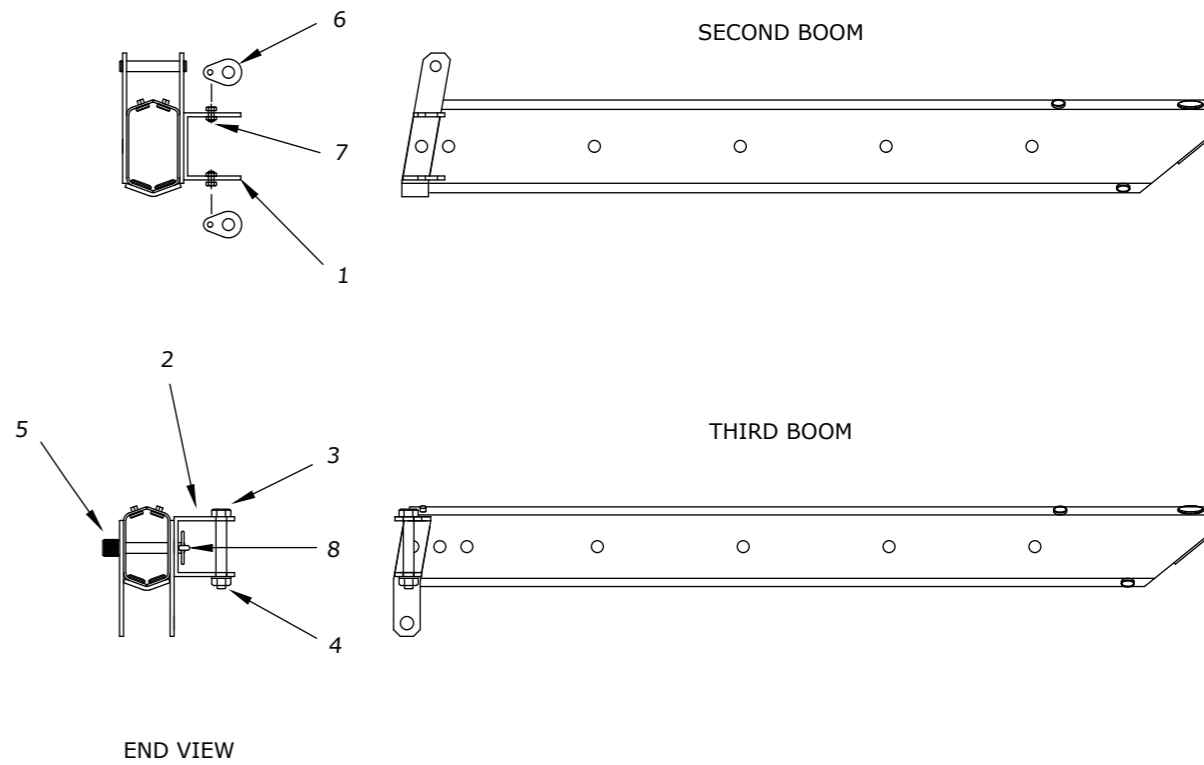


**Hydraulic Hose Accessories**  
**All Models**



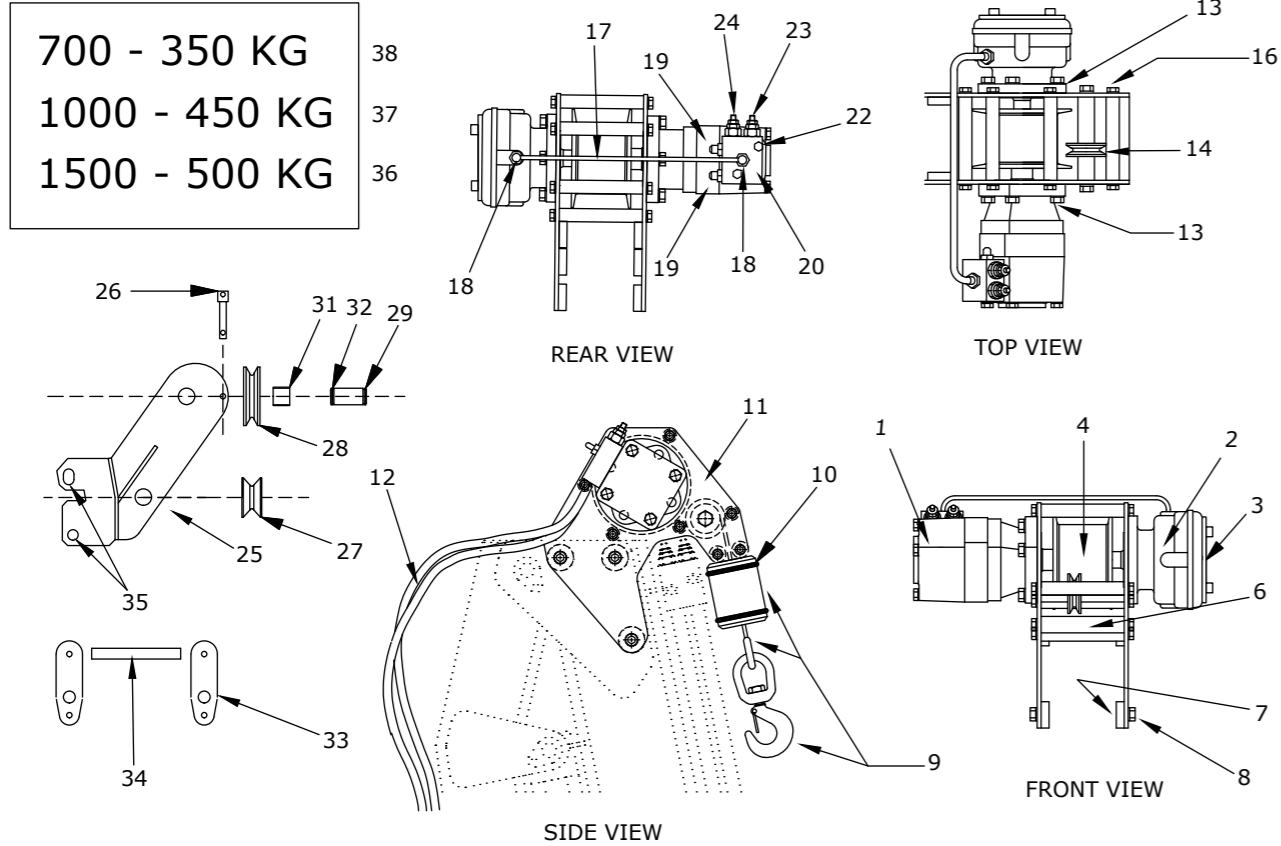
Item No.	Description	QTY	Notes	Order Part No.
1	P Type Hose Clamp - Standard	2		1000/16/10/32/P
2	P Type Hose Clamp - Large	2	Not Pictured	1000/16/10/38/P
3	Hose Clamp Retaining Bolts and Washers	2		1000/16/11
4	Hose Burst Sleeve - Standard	1		1000/16/12
5	Hose Burst Sleeve - Large	1	Not Pictured	1000/16/13
6	Hose Burst Sleeve - Dual Extension	1		1000/16/14
7	Hose Burst Sleeve - Single (Gauge to DCV)	1	650mm	1000/16/15
8	Hose Burst Sleeve - Single (P & T to Tank)	1	Not Pictured	1000/16/16
9	Hose Burst Sleeve - Single (Slew Motor to DCV)	2	450mm	1000/16/17
10	Hose Burst Sleeve - Dual ( Lift and Extension to DCV)	2	400mm	1000/16/18
11	Hose Burst Sleeve - Dual (Lift Cylinder to Post)	1	650mm	1000/16/19
12	Hose Burst Sleeve - Dual (Extension Cylinder to Post)	1	900mm	1000/16/20
<b>All other components on previous page</b>				

**Dual Hydraulic Mountings**  
**1000/1500 Series**



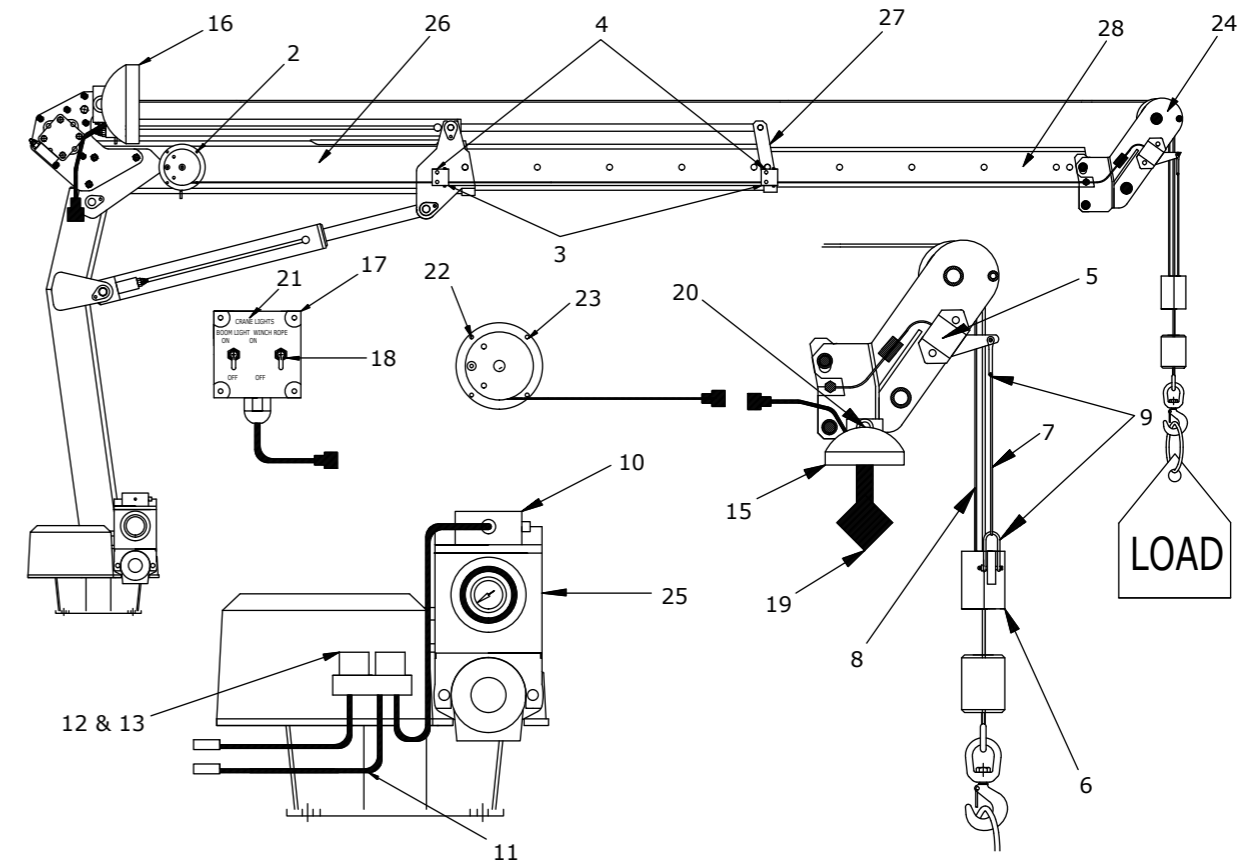
Item No.	Description	QTY	Notes	Order Part No.
1	Cylinder Trunnion Mount Bracket	1		1000/18/1
2	Cylinder Rod Mount Bracket	1		1000/18/2
3	Extension Cylinder Rod End Bolt	1		1000/18/3
4	Nut	1		1000/1/23
5	Boom Locking Pin (Dual Hydraulic with Pin Boom only)	1		1000/5/2
6	Cylinder Retaining Teardrop Plate	2		1000/4/6
7	Teardrop Retaining Bolt and Nut	2		1000/4/9
8	Boom Locking Pin Retaining Clip	1		1000/4/14

**Hydraulic Winch**  
**All Models**



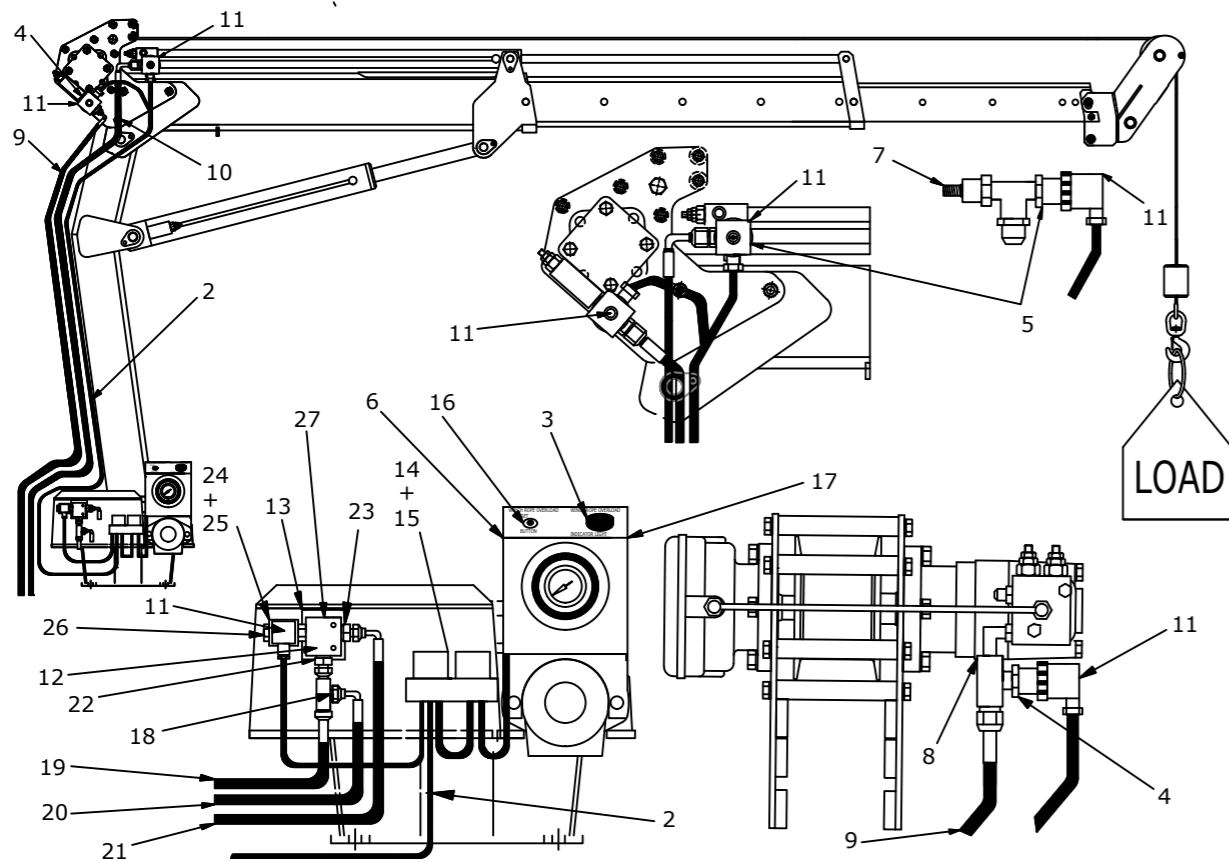
Item No.	Description	QTY	Notes	Order Part No.
1	Hydraulic Drive Motor	1		1000/20/1
2	Hydro-Mechanical Brake	1		1000/20/2
3	Brake Cover Plate (Including Bolts)	1		1000/20/2/A
4	Rope Drum	1		1000/20/3
5	Rope Retaining Wedge	1	Not Pictured	1000/20/3/A
6	Side Plate Joiner Bars	9		1000/20/4
7	Weld on Mounting Discs	6		1000/20/5
8	Side Plate Mounting Bolts	6		1000/20/6
9	Winch Rope Assembly (Inc Weight Block and Hook)	1		1000/20/7
10	"O" Ring To Suit Weight Block	2		1000/20/7/A
11	Side Plates	2		1000/20/8
12	Winch Hoses	2		1000/20/9
13	Motor and Brake Mounting Bolts	4		1000/20/10
14	Rope Guidance Wheel (Winch)	1		1000/20/11
15	Bearing to suit 1000/20/11	1	Not Pictured	1000/20/11/A
16	Side Plate Joiner Bar Bolts	18		1000/20/12
17	Winch Brake Release Hose	1		1000/20/13
18	Brake and Motor Hydraulic Adapters	2		1000/2/5
19	Hydraulic Elbow Adapters	2		1000/22/17
20	Load Holding Valve Body	1		1000/20/16
21	Load Holding Valve Body "O" Rings	2		1000/20/16/A
22	Load Holding Valve Body Mounting Bolts	2	Not Pictured	1000/20/17
23	Load Holding Valve Cartridge	1		1000/20/18
24	Brake Shuttle Valve Cartridge	1		1000/20/19
25	Rope Sheave Complete	1		1000/20/20
26	Wire Rope Retaining Pin - Sheave	1		1000/20/20/A
27	Rope Sheave Small Guide Wheel	1		1000/20/20/B
28	Rope Sheave Large Guide Wheel	1		1000/20/21
29	Rope Sheave Guide Wheel Pins - 25mm	2		1000/20/21/A
30	Grease Nipple to suit Guide Wheel Pins	2	Not Pictured	1000/20/21/B
31	Bearing to suit Rope Guide Wheels - Sheave	2		1000/20/21/C
32	Guide Wheel Pin Retaining Circlip	2	2 Per Pin	1000/3/3
33	Hook Storage Tear Drop Plate	2		1000/20/22
34	Tear Drop Joiner Bar Including Bolts	1		1000/20/23
35	Sheave Locking Pins - Including Retaining Clips	2		1000/4/13
36	SWL Decal - 500kg	1		1000/20/32
37	SWL Decal - 450kg	1		1000/20/32/A
38	SWL Decal - 350kg	1		1000/20/32/B
39	Dual Extension Guide Bracket to suit Winch	1	Not Pictured	1000/20/35
40	Guide Bracket Retaining Bolts	2	Not Pictured	1000/20/35/A

**Hydraulic Winch**  
**Anti Two Block Kit (Mechanical) and Work Lights**



Item No.	Description	QTY	Notes	Order Part No.
1	Anti Two Block kit Complete	1		1000/20/27
2	5m Cable Reel including Cable and Bolts	1		1000/20/28
3	Cable Roller Guide	2		1000/20/28/A
4	Cable Roller Guide Bolts	4		1000/20/28/B
5	A2B Rope Switch (Mechanical)	1		1000/20/29
6	A2B Actuating Block	1		1000/20/29/A
7	A2B Actuating Wire - Switch 210mm	1		1000/20/29/B
8	A2B Actuating Wire - Sheave 230mm	1		1000/20/29/C
9	A2B Actuating Wire D Shackles	4		1000/20/29/D
10	A2B Control Module	1		1000/20/30
11	Electrical Harness	1		1000/20/30/A
12	Relay Set 12 volt	1		1000/20/30/B
13	Relay Set 24 volt	1		1000/20/30/C
14	Dual Light Kit - Main Boom and Winch Sheave	1		1000/20/34
15	Winch Sheave Work Light	1		1000/20/34/A
16	Main Boom Work Light	1		1000/20/34/B
17	Work Light Switch Enclosure	1		1000/20/34/D
18	Work Light Switches	2		1000/20/34/E
19	Winch Sheave Work Light Pendulum	1		1000/20/34/F
20	Pendulum Retaining Pin (1000/4/13 M8 Thread)	1		1000/20/34/G
21	Enclosure Decal	1		1000/20/34/H
22	Mounting Bolts suit Dual Cable Reels (M6 SS Rod) 85mm	4		1000/20/34/I
23	Cable Reel to suit Sheave Work Light	1		1000/20/28
24	Rope Sheave to suit Mechanical A2B Kit	1		1000/20/20/A2B
25	Load Indicator Housing to suit A2B	1		1000/30/15/A2B
26	Main Boom to suit A2B Components	1		1000/4/1/A2B
27	2nd Boom to suit A2B Components	1		1000/5/1/A2B
28	3rd Boom to suit A2B Components	1		1000/6/1/A2B
	<b>Not Pictured are the Motion Limiting Valves needed when the Crane is fitted with a Manual Control Valve</b>	2		1000/28/2 & 1000/28/4
	<b>All other Components are Standard and located on previous page</b>			

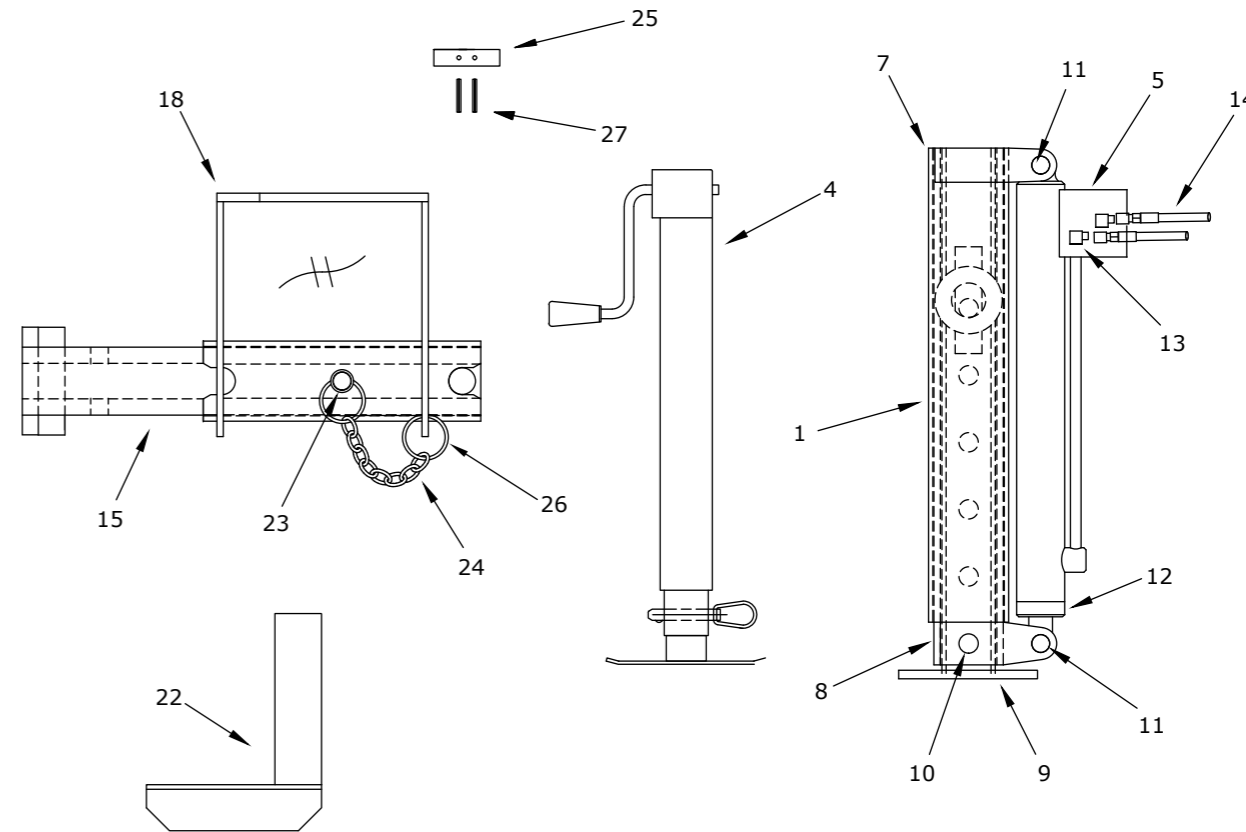
### Hydraulic Winch Anti Two Block Kit (Pressure Switches)



Item No.	Description	QTY	Notes	Order Part No.
1	Anti Two Block Kit Complete - Pressure Switches	1		1000/20/33
2	Electrical Harness	1		1000/20/33/A
3	Led Indicator Light - Red 12/24 volt	1		1000/20/33/B
4	Pressure Switch - Winch	1	Set at 152 BAR	1000/20/33/C
5	Pressure Switch - Extension Cylinder	1	Set at 124 BAR	1000/20/33/D
6	Decal - Control Box	1		1000/20/33/E
7	Adapter Kit - Extension Cylinder	1		1000/20/33/F
8	Adapter Kit - Winch Manifold	1		1000/20/33/G
9	Hydraulic Hose - Winch Pressure Switch	1		1000/20/9
10	Hydraulic Hose - Extension Cylinder Pressure Switch	1		1000/16/3
11	DIN Plug	3		1000/22/21/A
12	Dump Valve Complete	1		1000/20/33/L
13	Dump Valve Mount Plate	1		1000/15/16
14	Relay Set 12 volt	1(2)		1000/20/33/H
15	Relay Set 24 volt	1(2)		1000/20/33/I
16	Winch Rope Overload Re-Set Switch	1		1000/20/33/J
17	Load Indicator Housing to suit	1		1000/30/15
18	Dump Valve T Piece	1		1000/20/33/K
19	Pressure Hose	1		1000/15/9
20	Pressure Hose	1		1000/15/9
21	Tank Hose	1		1000/15/10
22	Adapter	1		1000/15/8
23	Adapter	1		1000/15/7
24	08 Coil 12 volt	1		1000/22/6
25	08 Coil 24 volt	1		1000/22/6/A
26	Dump Valve Cartridge - N/C	1		1000/20/33/M
27	Dump Valve Cartridge Housing	1		1000/28/4

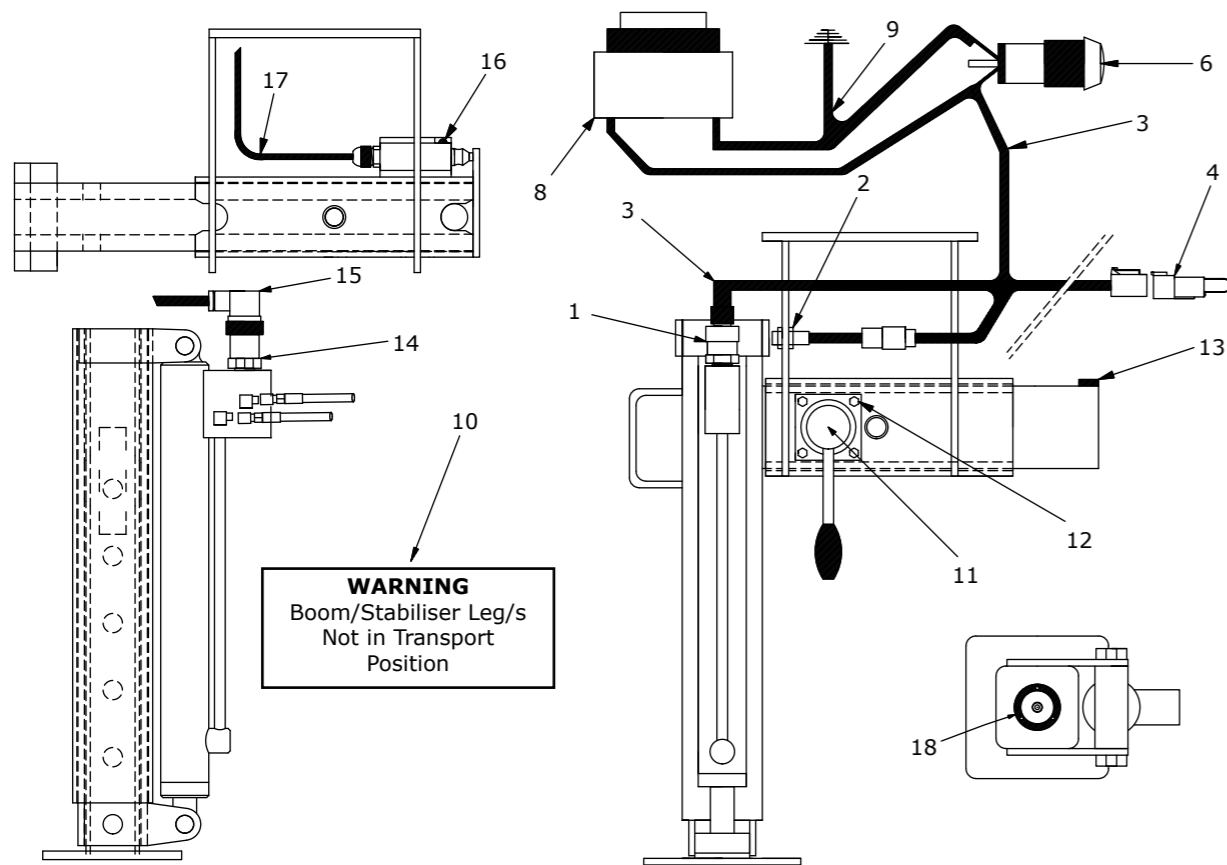
All other components are standard and located on the previous page

### Swing Up Extending Hydraulic and Manual Leg All Models



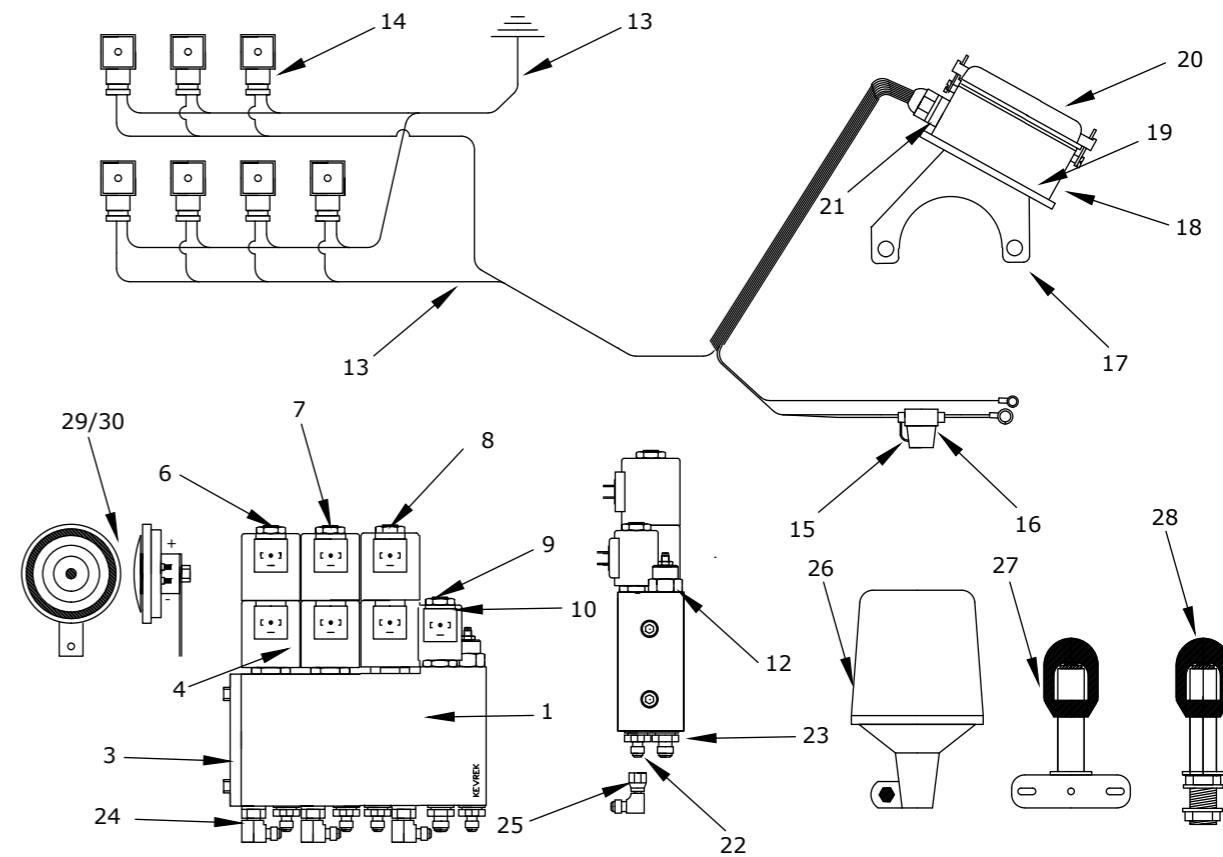
Item No.	Description	QTY	Notes	Order Part No.
1	Hydraulic Leg Complete	1		
2	Hydraulic Swing Leg Complete	1		1000/21/1/H
3	Manual Swing Leg Complete	1		1000/21/1/M
4	Manual Stabiliser Leg only	1		1000/21/2
5	Hydraulic Leg Cylinder - Standard	1		1000/21/3
6	Hydraulic Leg Cylinder - Long (600mm)	1	Not Pictured	1000/21/3/LONG
7	Outer Leg Section	1		1000/21/4
8	Inner Leg Section	1		1000/21/5
9	Footplate and Extension Assembly	1		1000/21/6
10	Extension Locking Pin	1		1000/21/7
11	Leg Cylinder Retaining Bolt and Nut	2		1000/21/8
12	Cylinder Seal Kit	1		1000/9/5
13	Straight Adapter	2		1000/8/10
14	Stabiliser Leg Hoses	2		1000/21/11
15	Leg Extension Beam - Standard	1		1000/21/12/STD
16	Leg Extension Beam - Long	1		1000/21/12/LONG
17	Leg Extension Beam - Short	1		1000/21/12/SHORT
18	Swing Leg Mount Frame	1		1000/21/13
19	Vertical Leg Mount Frame (Push Pull)	1	Not Pictured	1000/21/13/A
20	Leg Extension Beam 75x75 R.H.S 515mm (Push Pull)	1	Not Pictured	1000/21/13/B
21	Swing Leg Mount Frame - Long 100mm	1	Not Pictured	1000/21/13/C
22	Power Pack Mount Frame	1		1000/21/14
23	Extension Tube Locking Pin	1		1000/5/2
24	Pin Retaining Chain	1		1000/21/16
25	Extension Stop Pin - Removable	1		1000/21/17
26	Key Ring - Retaining Chain	2		1000/21/18
27	Retaining Pin - 25mm Stop Pin	2		1000/21/20

**Stabiliser Leg Monitoring System/ Load Limiter**  
**1500 Series**



Item No.	Description	QTY	Notes	Order Part No.
1	Pressure Transducer - Hydraulic Leg	1-2		1000/30/6
2	Proximity Switch - wired with Connector	1-2		1000/30/27
3	Wiring Loom Pressure and Proximity Sensors	1		1500/30/20
4	Termination Plug - Single Hydraulic Leg	1		1500/30/3A
5	Wiring Loom - 2nd Hydraulic Leg	1	Not Pictured	1500/30/3
6	Warning Light - Leg/Boom Cab Mounted 12 volt	1		1000/30/23
7	Warning Light - Leg/Boom Cab Mounted 24 volt	1		1000/30/23/A
8	Warning Buzzer - Leg/Boom/Cab Mounted 12-48v	1		1000/30/22
9	Warning Light/Buzzer Earth Wiring Loom	1		1000/30/23/B
10	Decal - "Warning not in Transport Position"	1		1000/30/21
11	Extendable Stabiliser Leg Auto/Lock	1-2		1000/21/21
12	Auto/Lock Mount Bolts	4		1000/21/21/A
13	Extendable Stabiliser Leg Stop	1		1000/21/21/B
14	Pressure Switch - Hydraulic Leg BHPB	1		1000/20/33/C
15	Pressure Switch Wiring Loom - BHPB	1		1000/20/33/BHPB
16	Limit Switch - Leg Deployed Warning - BHPB	1		1000/30/20/A
17	Leg Deployed Wiring Assembly - BHPB	1		1000/30/20/BHPB
18	Bubble Level	1		1000/30/3

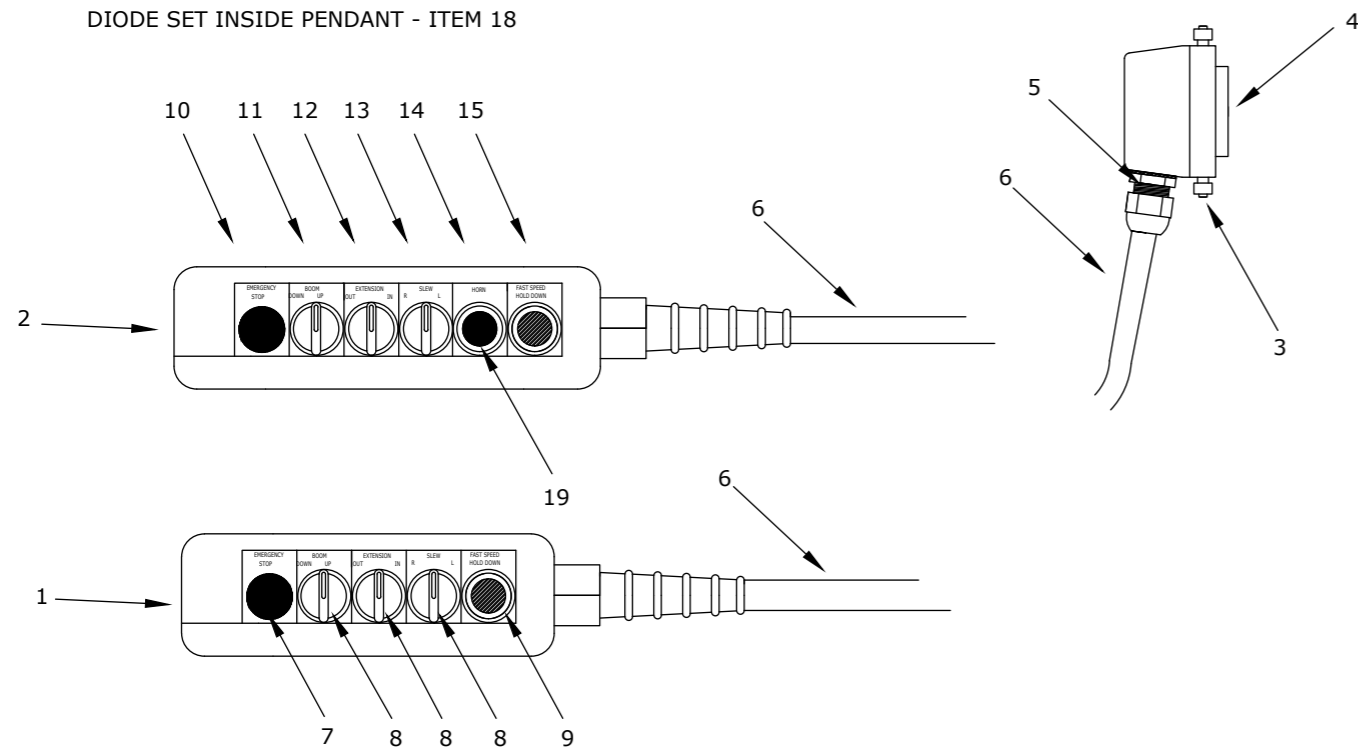
**3 Function 2 Speed Electric Valve**  
**All Models**



Item No.	Description	QTY	Notes	Order Part No.
1	12V 3 Function Electric DCV Complete	1		1000/22/1/12V
2	24V 3 Function Electric DCV Complete	1		1000/22/1/24V
3	Manifold Blanking Plate	1		1000/22/1/B
4	Large Coil - 10 12 volt	6		1000/22/2
5	Large Coil - 10 24 volt	6	Not Pictured	1000/22/2/A
6	D Spool "Lift"	1		1000/22/3
7	D Spool "Extension"	1		1000/22/3
8	C Spool "Slew"	1		1000/22/5
9	Fast Speed Cartridge	1		1000/22/7
10	Small Coil - 08 12 volt	1		1000/22/6
11	Small Coil - 08 24 volt	1	Not Pictured	1000/22/6/A
12	Flow Control - Slow Speed	1		1000/22/8
13	Coil and Earth Wiring Harness	1		1000/22/10
14	Connector - DIN Plug	7		1000/22/21/A
15	Blade Fuse Holder	1		1000/22/12
16	Blade Fuse - 5 amp	1	Not Pictured	1000/2/14/A
17	Plug Mounting Plate	1		1000/22/14
18	10 Pin Plug Base	1		1000/22/15
19	10 Pin Insert - Female	1	Not Pictured	1000/22/16
20	Replacement Lid to suit 10 Pin Base	1		1000/22/15/A
21	M20 Cable Gland	1		1000/23/15
22	Adapter 7/16 JIC	4		1000/2/5
23	Adapter 9/16 JIC	1		1000/2/6
24	Adapter 7/16 JIC 90 Degree	3		1000/22/17
25	Adapter 7/16 JIC Male/Female 90 Degree	4		1000/22/18
26	"Remote in Operation" Indicating Beacon	1		1000/30/24
27	Beacon Mount 90 Degree	1		1000/30/24/A
28	Beacon Mount Straight	1		1000/30/24/B
29	Horn 12 volt	1		1000/30/26
30	Horn 24 volt	1		1000/30/26/A

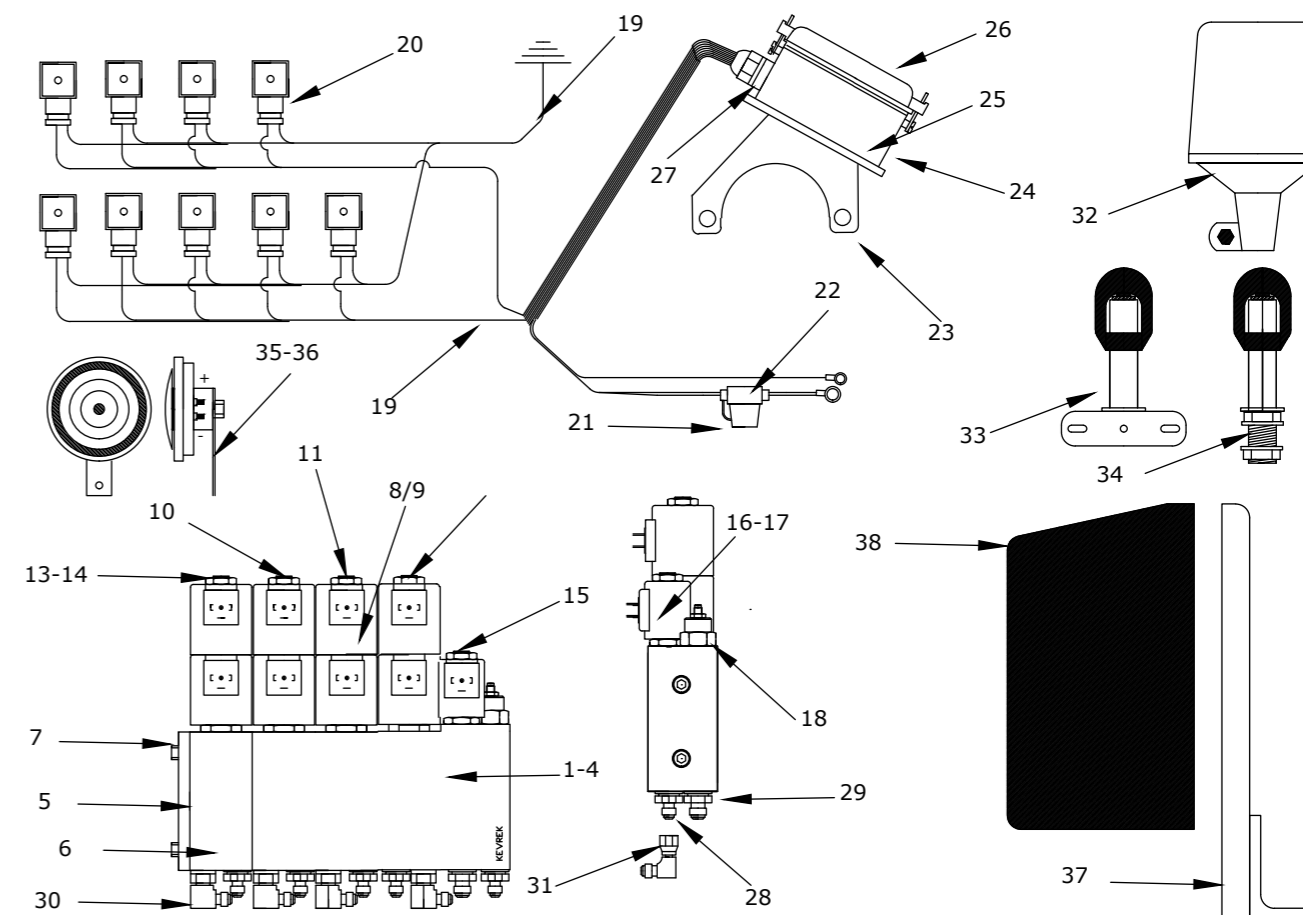
### 3 Function 2 Speed Electric Pendant All Models

**NOTE;** CONTACTS INSIDE PENDANT - NORMALLY OPEN - ITEM 16  
CONTACTS INSIDE PENDANT - NORMALLY CLOSED - ITEM 17  
DIODE SET INSIDE PENDANT - ITEM 18



Item No.	Description	QTY	Notes	Order Part No.
1	3 Function Pendant Remote – Emergency Stop	1		1000/23/1
2	3 Function Pendant Remote – Emergency Stop/Horn	1		1000/23/1/A
3	10 Pin Hood	1		1000/23/4
4	10 Pin Insert – Male	1		1000/23/3
5	M20 Cable Gland	1		1000/23/15
6	18 Core Cable – 5m Length Standard	5m		1000/23/5
7	Emergency Stop Button	1		1000/23/20
8	Selector Switch	3		1000/23/11
9	Fast Speed Push Button – Red	1		1000/23/10
10	Legend Plate – Emergency Stop	1		1000/23/18
11	Legend Plate – Boom Up/Down	1		1000/23/6
12	Legend Plate – Extension In/Out	1		1000/23/7
13	Legend Plate – Slew Left/Right	1		1000/23/8
14	Legend Plate – Horn	1		1000/23/19
15	Legend Plate – Fast Speed Hold Down	1		1000/23/9
16	Contact Block – Normally Open	7/8	Not Pictured	1000/23/13
17	Contact Block – Normally Closed	1	Not Pictured	1000/23/13/A
18	Diode Set	1	Not Pictured	1000/23/14
19	Horn Push Button – Yellow	1		1000/23/21
20	Push Button – White	1	Not Pictured	1000/23/21/A
21	Push Button – Blue	1	Not Pictured	1000/23/21/B
22	Push Button – Green	1	Not Pictured	1000/23/21/C
23	Push Button – Black	1	Not Pictured	1000/23/21/D
24	5 Hole Enclosure – Empty	1		1000/25/13
25	6 Hole Enclosure – Empty	1		1000/25/19

### 4 Function 2 Speed Electric Valve All Models

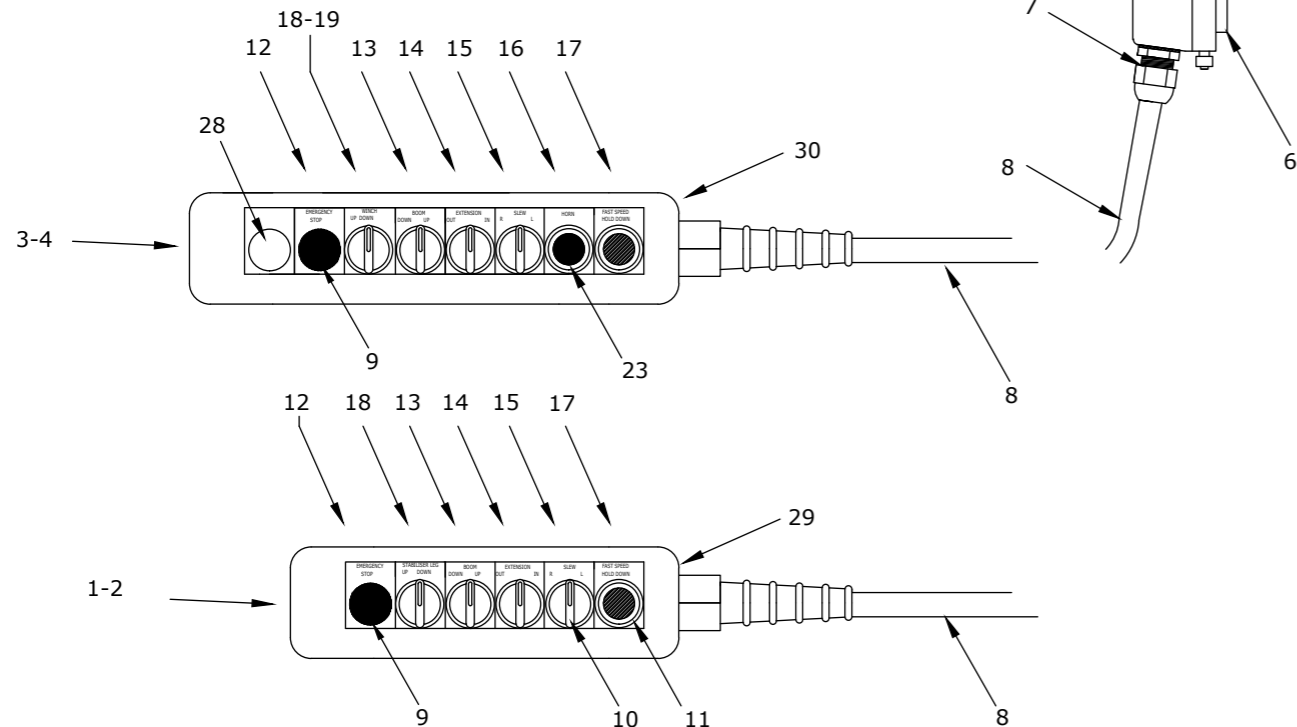


Item No.	Description	QTY	Notes	Order Part No.
1.	12V 4/F Electric DCV – Stabiliser Leg	1		1000/24/1/12/L
2	12V 4/F Electric DCV – Hydraulic Winch			1000/24/1/12/W
3	24V 4/F Electric DCV – Stabiliser Leg			1000/24/1/24/L
4	24V 4/F Electric DCV – Hydraulic Winch			1000/24/1/24/W
5	Manifold Blanking Plate	1		1000/22/1/B
6	Single Manifold – Modular	1		1000/22/1/A
7	Manifold Retaining Bolts – M8 x 75mm	4		1000/24/19
8	Large Coil – 10 12 volt	8		1000/22/2
9	Large Coil – 10 24 volt	8		1000/22/2/A
10	D Spool – Lift	1		1000/22/3
11	D Spool – Extension	1		1000/22/3
12	C Spool – Slew	1		1000/22/5
13	C Spool – Stabiliser Leg	1		1000/22/5
14	D Spool – Hydraulic Winch	1		1000/22/3
15	Fast Speed Cartridge	1		1000/22/7
16	Small Coil 08 12 volt	1		1000/22/6
17	Small Coil – 08 24 volt	1		1000/22/6/A
18	Flow Control – Slow Speed	1		1000/22/8
19	Coil & Earth Wiring Harness 4 Spool DCV	1		1000/24/11/4F
20	Connector DIN Plug	9		1000/22/21/A
21	Blade Fuse Holder	1		1000/22/12
22	Blade Fuse- 5 amp	1		1000/2/14/A
23	Plug Mount Plate	1		1000/22/14
24	16 Pin Connector Base	1		1000/24/15
25	16 Pin Connector Insert – Female	1		1000/24/16
26	Replacement Lid – 16 Pin	1		1000/24/15/B
27	M25 Cable Gland	1		1000/24/18
28	Adapter 7/16 JIC	6		1000/2/5
29	Adapter 9/16 JIC	1		1000/2/6
30	Adapter 7/16 JIC 90 Degree	4		1000/22/17
31	Adapter 7/16 JIC Male/Female 90 Degree	5		1000/22/18
32	“Remote in Operation” Indicating Beacon	1		1000/30/24
33	Beacon Mount 90 Degree	1		1000/30/24/A
34	Beacon Mount Straight	1		1000/30/24/B
35	Horn 12 volt	1		1000/30/26
36	Horn 24 volt	1		1000/30/26/A
37	DCV Mount Plate 4 Spool	1		1000/24/20
38	DCV Plastic Cover 4 Spool	1		1000/24/21
39	Cover Retaining Screws	4		1000/1/28



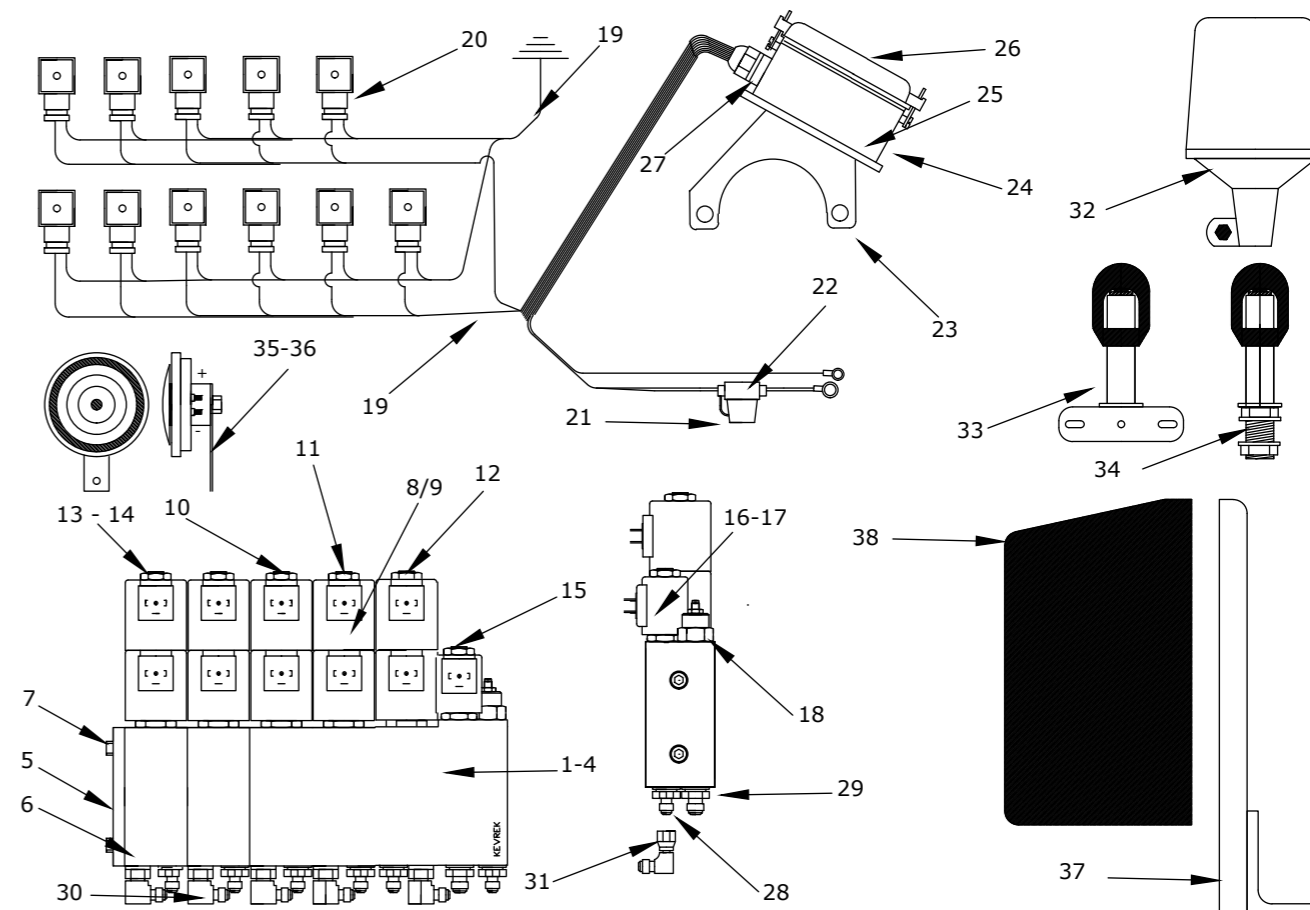
### 4 Function 2 Speed Electric Pendant All Models

**NOTE;** CONTACT BLOCKS INSIDE PENDANT - NORMALLY OPEN - ITEM 20  
CONTACT BLOCKS INSIDE PENDANT - NORMALLY CLOSED - ITEM 21  
DIODE SET INSIDE PENDANT - ITEM 22



Item No.	Description	QTY	Notes	Order Part No.
1	4 Function Pendant- Emergency Stop/Stabiliser Leg	1	Specify	1000/25/1/4/L
2	4 Function Pendant - Emergency Stop/Hydraulic Winch	1	Specify	1000/25/1/4/W
3	4 Function Pendant- Emergency Stop/Horn/Stabiliser Leg	1	Specify	1000/25/1/4/H/L
4	4 Function Pendant-Emergency Stop/Horn/Hydraulic/Winch	1	Specify	1000/25/1/4/H/W
5	16 Pin Hood	1		1000/25/4
6	16 Pin Male Insert	1		1000/25/3
7	M25 Cable Gland	1		1000/24/18
8	18 Core Cable - 5m Length Standard	5m		1000/23/5
9	Emergency Stop Button	1		1000/23/20
10	Selector Switch	4		1000/23/11
11	Fast Speed Button - Red	1		1000/23/10
12	Legend Plate - Emergency Stop	1		1000/23/18
13	Legend Plate - Boom Up/Down	1		1000/23/6
14	Legend Plate - Extension In/Out	1		1000/23/7
15	Legend Plate - Slew Left/Right	1		1000/23/8
16	Legend Plate - Horn	1		1000/23/19
17	Legend Plate - Fast Speed Hold Down	1		1000/23/9
18	Legend Plate - Stabiliser Leg Up/Down	1		1000/25/17
19	Legend Plate - Winch Up/Down	1		1000/25/16
20	Contact Block - Normally Open	8-9	Not Pictured	1000/23/13
21	Contact Block - Normally Closed	1	Not Pictured	1000/23/13/A
22	Diode Set - 4 Function	1	Not Pictured	1000/25/14
23	Horn Push Button - Yellow	1		1000/23/21
24	Push Button - White	1	Not Pictured	1000/23/21/A
25	Push Button - Blue	1	Not Pictured	1000/23/21/B
26	Push Button - Green	1	Not Pictured	1000/23/21/C
27	Push Button - Black	1	Not Pictured	1000/23/21/D
28	Pendant Blanking Plug	1		1000/25/22
29	6 Hole Enclosure - Empty	1		1000/25/19
30	8 Hole Enclosure - Empty	1		1000/25/21

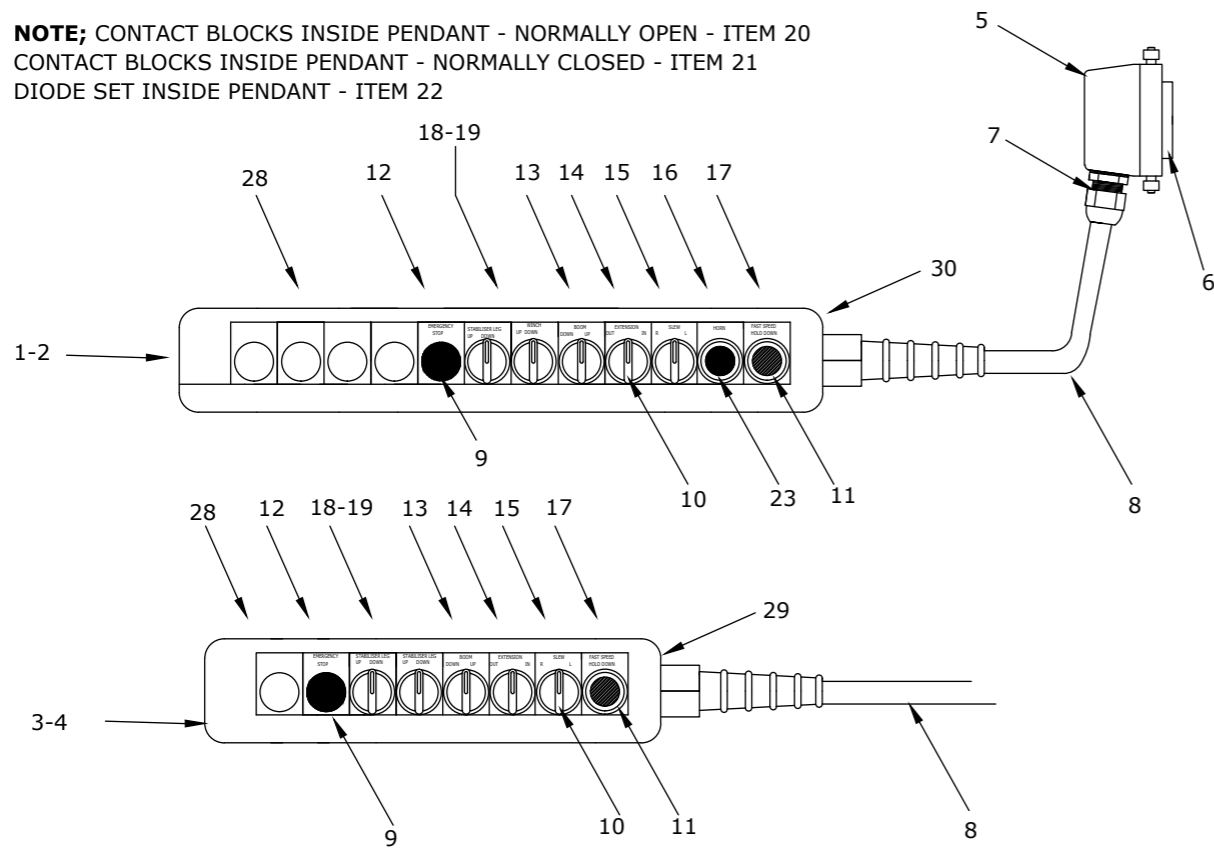
### 5 Function 2 Speed Electric Valve All Models



Item No.	Description	QTY	Notes	Order Part No.
1	12V 5/F Electric DCV - Stabiliser Leg X 2	1		1000/26/1/12V/LL
2	24V 5/F Electric DCV - Stabiliser Leg X 2			1000/26/1/24V/LL
3	12V 5/F Electric DCV - Stabiliser Leg/Hydraulic Winch			1000/26/1/12V/WL
4	24V 5/F Electric DCV - Stabiliser Leg/Hydraulic Winch			1000/26/1/24V/WL
5	Manifold Blanking Plate	1		1000/22/1/B
6	Single Manifold - Modular	2		1000/22/1/A
7	Manifold Retaining Bolts M8x150mm	4		1000/26/2
8	Large Coil -10 12 volt	10		1000/22/2
9	Large Coil -10 24 volt	10		1000/22/2/A
10	D Spool - Lift	1		1000/22/3
11	D Spool - Extension	1		1000/22/3
12	C Spool - Slew	1		1000/22/5
13	C Spool - Stabiliser Leg	1-2		1000/22/5
14	D Spool - Hydraulic Winch	1		1000/22/3
15	Fast Speed Cartridge	1		1000/22/7
16	Small Coil -08 12 volt	1		1000/22/6
17	Small Coil -08 24 volt	1		1000/22/6/A
18	Flow Control - Slow Speed	1		1000/22/8
19	Coil and Earth Wiring Harness 5 Spool	1		1000/26/11/5F
20	Connector - DIN Plug	11		1000/22/21/A
21	Blade Fuse Holder	1		1000/22/12
22	Blade Fuse - 5 amp	1		1000/2/14/A
23	Plug Mount Plate	1		1000/22/14
24	16 Pin Connector Base	1		1000/24/15
25	16 Pin Connector Insert - Female	1		1000/24/16
26	Replacement Lid - 16 Pin	1		1000/24/15/B
27	M25 Cable Gland	1		1000/24/18
28	Adapter 7/16 JIC	8		1000/2/5
29	Adapter 9/16 JIC	1		1000/2/6
30	Adapter 7/16 JIC 90 Degree	6		1000/22/17
31	Adapter 7/16 JIC Male/Female 90 Degree	7		1000/22/18
32	"Remote in Operation" Indicating Beacon	1		1000/30/24
33	Beacon Mount 90 Degree	1		1000/30/24/A
34	Beacon Mount Straight	1		1000/30/24/B
35	Horn 12 volt	1		1000/30/26
36	Horn 24 volt	1		1000/30/26/A
37	Control Valve - Mount Plate 5 Spool	1		1000/26/3
38	Mount Plate Cover 5 Spool	1		1000/26/4
39	Cover Retaining Screws	4		1000/1/28

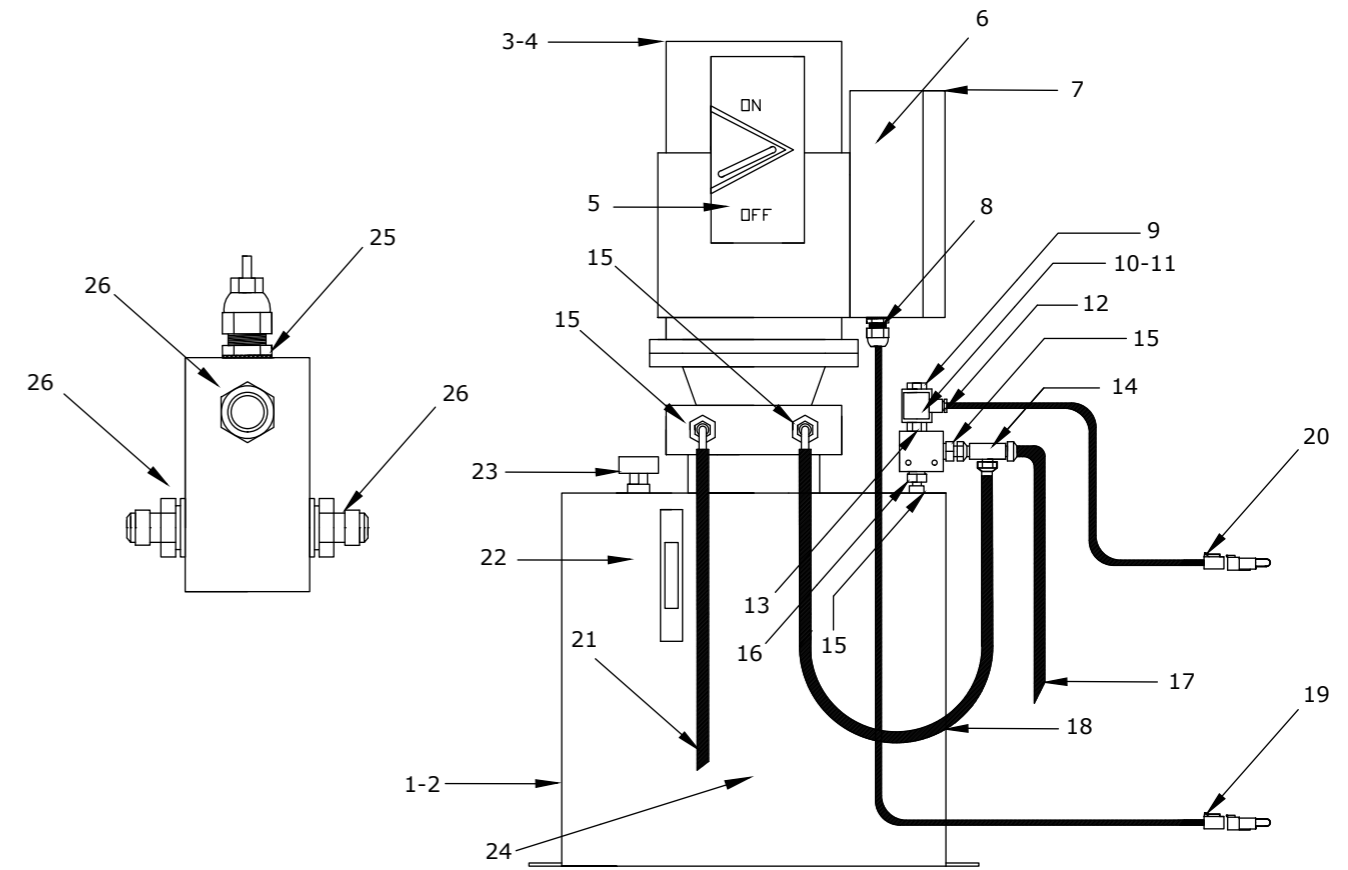
### 5 Function 2 Speed Electric Pendant All Models

**NOTE;** CONTACT BLOCKS INSIDE PENDANT - NORMALLY OPEN - ITEM 20  
CONTACT BLOCKS INSIDE PENDANT - NORMALLY CLOSED - ITEM 21  
DIODE SET INSIDE PENDANT - ITEM 22



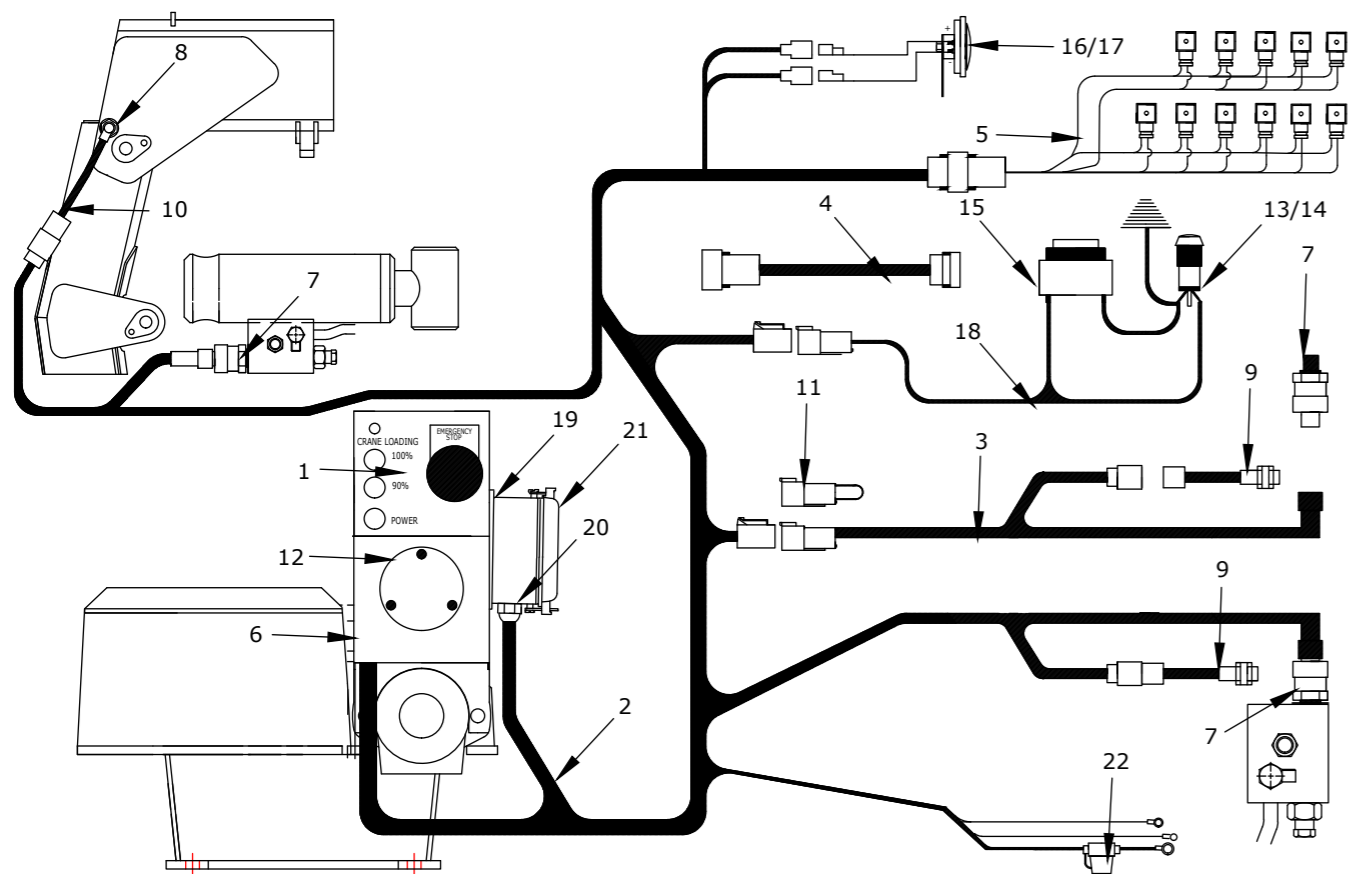
Item No.	Description	QTY	Notes	Order Part No.
1	5 Function Pendant- Emergency Stop/Stabiliser Leg X 2	1	Specify	1000/27/1/5/LL
2	5 Function Pendant - Emergency Stop/Stabiliser Leg/Winch	1	Specify	1000/27/1/5/WL
3	5 Function Pendant- Emergency Stop/Horn/Stabiliser Leg X 2	1	Specify	1000/27/1/5/H/LL
4	5 Function Pendant- Emerg Stop/Horn/Stabiliser Leg/Winch	1	Specify	1000/27/1/5/H/WL
5	16 Pin Hood	1		1000/25/4
6	16 Pin Male Insert	1		1000/25/3
7	M25 Cable Gland	1		1000/24/18
8	18 Core Cable - 5m Length Standard	5m		1000/23/5
9	Emergency Stop Button	1		1000/23/20
10	Selector Switch	5		1000/23/11
11	Fast Speed Button - Red	1		1000/23/10
12	Legend Plate - Emergency Stop	1		1000/23/18
13	Legend Plate - Boom Up/Down	1		1000/23/6
14	Legend Plate - Extension In/Out	1		1000/23/7
15	Legend Plate - Slew Left/Right	1		1000/23/8
16	Legend Plate - Horn	1		1000/23/19
17	Legend Plate - Fast Speed Hold Down	1		1000/23/9
18	Legend Plate - Stabiliser Leg Up/Down	1-2	Not Pictured	1000/25/17
19	Legend Plate - Winch Up/Down	1	Not Pictured	1000/25/16
20	Contact Block - Normally Open	11-12	Not Pictured	1000/23/13
21	Contact Block - Normally Closed	1		1000/23/13/A
22	Diode Set - 5 Function	1	Not Pictured	1000/27/2
23	Horn Push Button - Yellow	1	Not Pictured	1000/23/21
24	Push Button - White	1	Not Pictured	1000/23/21/A
25	Push Button - Blue	1	Not Pictured	1000/23/21/B
26	Push Button - Green	1		1000/23/21/C
27	Push Button - Black	1		1000/23/21/D
28	Pendant Blanking Plug	1		1000/25/22
29	8 Hole Enclosure - Empty	1		1000/25/19
30	12 Hole Enclosure - Empty	1		1000/27/3

### 240v - 415v Pump Unit All Models



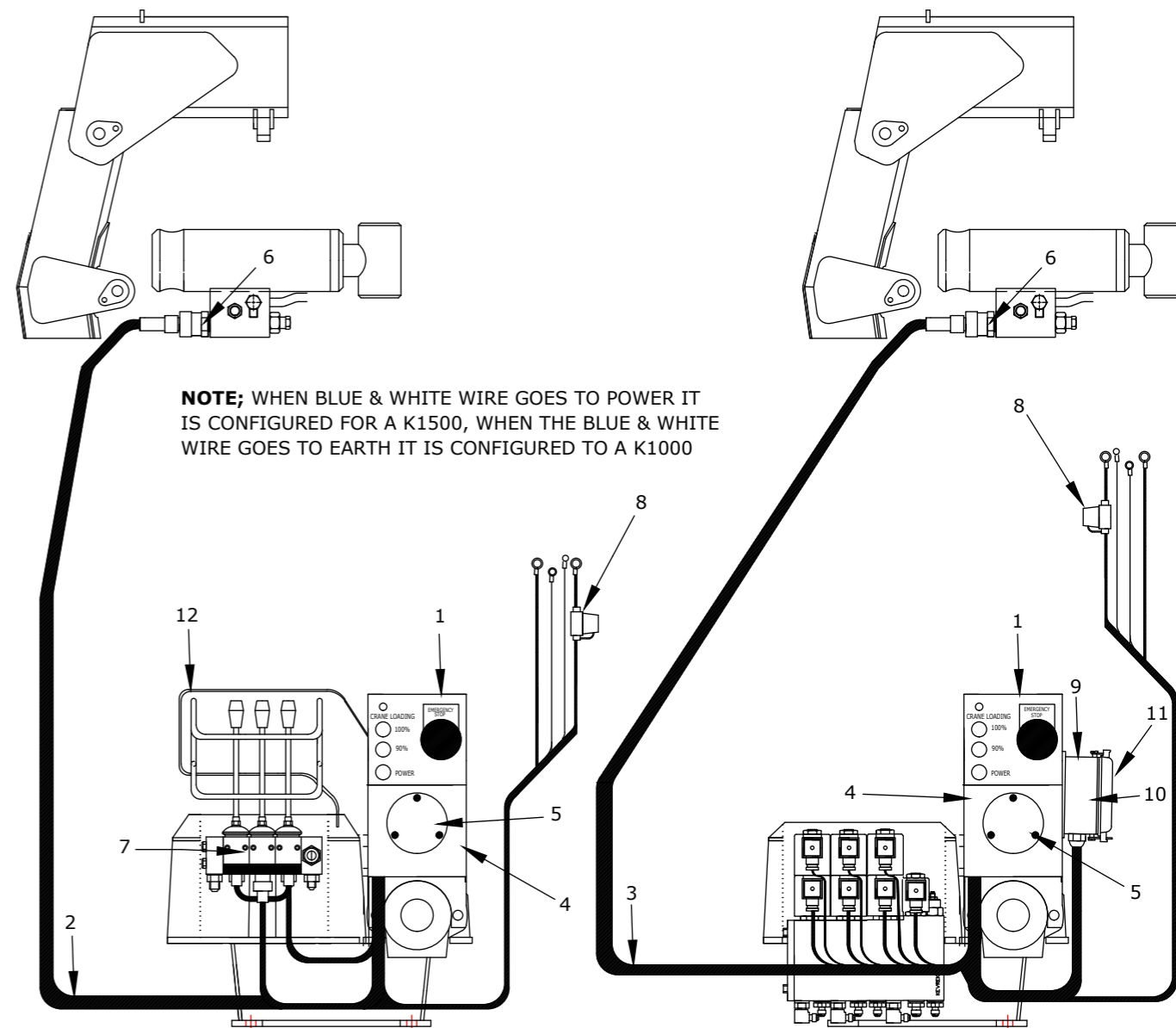
Item No.	Description	QTY	Notes	Order Part No.
1	240V AC Pump Unit Complete	1		1000/28/18
2	415V 3 Phase Pump Unit Complete	1		1000/28/18/B
3	Replacement Motor 240v	1		1000/28/18/A
4	Replacement Motor 415v	1		1000/28/18/C
5	Motor Starter On/Off Control Box	1		1000/28/18/D
6	240-24 volt Transformer	1	Not Pictured	1000/28/17
7	Transformer Enclosure	1		1000/28/17/A
8	M20 Cable Gland	1		1000/23/15
9	Dump Valve - Emergency Stop Cartridge	1		1000/28/2
10	08 Coil 12 volt	1		1000/22/6
11	08 Coil 24 volt	1		1000/22/6/A
12	DIN Plug	1		1000/22/21/A
13	Cartridge Body	1		1000/28/4
14	T Piece	1		1000/28/3
15	Adapter - Tank	4		1000/15/7
16	Adapter - Cartridge Body Mount	1		1000/28/7
17	Pressure Hose - to DCV	1	Specify Length	1000/28/6
18	Pressure Hose - Pump to Emergency Stop/Dump Valve	1		1000/28/8
19	Wiring Loom - Transformer	1		1000/28/9
20	Wiring Loom - Emergency Stop/Dump Valve	1		1000/28/10
21	Tank Return Oil Hose	1	Specify Length	1000/28/11
22	Oil Level Sight Gauge	1		1000/28/12
23	Filler Breather	1		1000/28/13
24	32 Litre Oil Tank - Standard	1		1000/28/14
25	In Line Relief Valve - Electric DCV- PTO	1		1000/28/5
26	Adapter	3		1000/15/7

**Load Limiter  
K1500 - 3 Sensors**



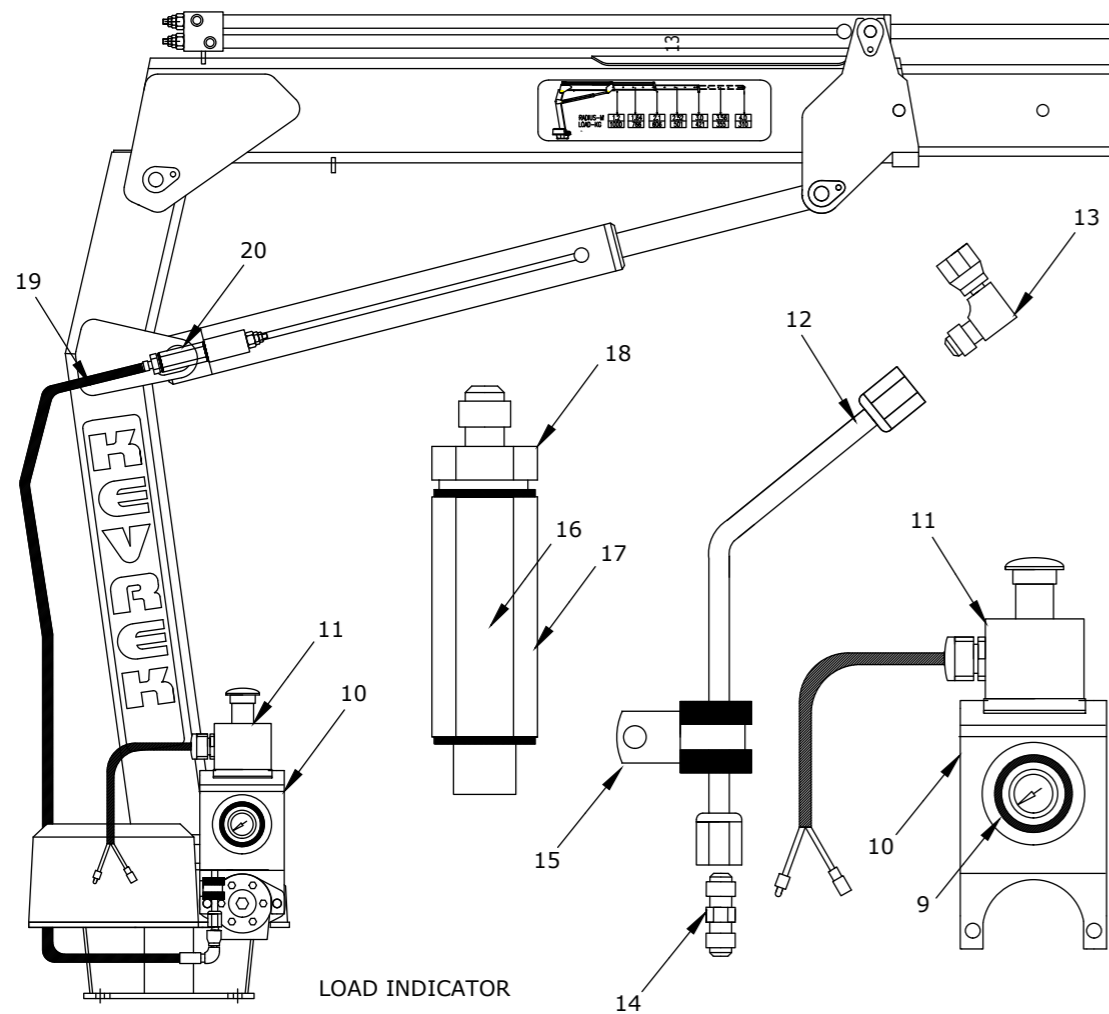
Item No.	Description	QTY	Notes	Order Part No.
1	1500 Load Limiter Controller	1		1500/30/1
2	Load Limiter Wiring Loom - Electric DCV	1		1500/30/2
3	Load Limiter Loom - 2nd Hydraulic Stabiliser Leg	1		1500/30/3
4	Loom Extension Electric DCV - 1m	1	Option	1500/30/4
5	Replacement Loom - DIN Plugs	1		1500/30/5
6	Load Limiter Housing	1		1000/30/15/A
7	Pressure Transducer	2-3		1000/30/6
8	Proximity Switch M12 4 Pin - Boom	1		1000/30/27/A
9	Proximity Switch M12 Wired - Hydraulic Leg/s	1-2		1000/30/27
10	Proximity Switch 90 Degree Wired Connector - Boom	1		1000/30/27/B
11	Termination Plug - Single Hydraulic Leg	1		1000/30/18/C
12	Cover Plate - Load Limiter Housing	1		1000/30/15/COVER
13	Warning Light - Leg/Boom Cab Mounted 12 volt	1		1000/30/23
14	Warning Light - Leg/Boom Cab Mounted 24 volt	1		1000/30/23/A
15	Warning Buzzer - Leg Boom Cab Mounted 12-48 V	1		1000/30/22
16	Horn 12 volt	1		1000/30/26
17	Horn 24 volt	1		1000/30/26/A
18	Warning Light/Buzzer Wiring Loom	1		1000/30/22/A
19	16 Pin Connector Base	1		1000/24/15
20	16 Pin Connector - Female Insert	1		1000/24/16
21	16 Pin Connector Replacement Lid	1		1000/24/15/B
22	Blade Fuse - 5 amp	1		1000/2/14/A

**Load Limiter  
K1000/K1500 - 1 Sensor**



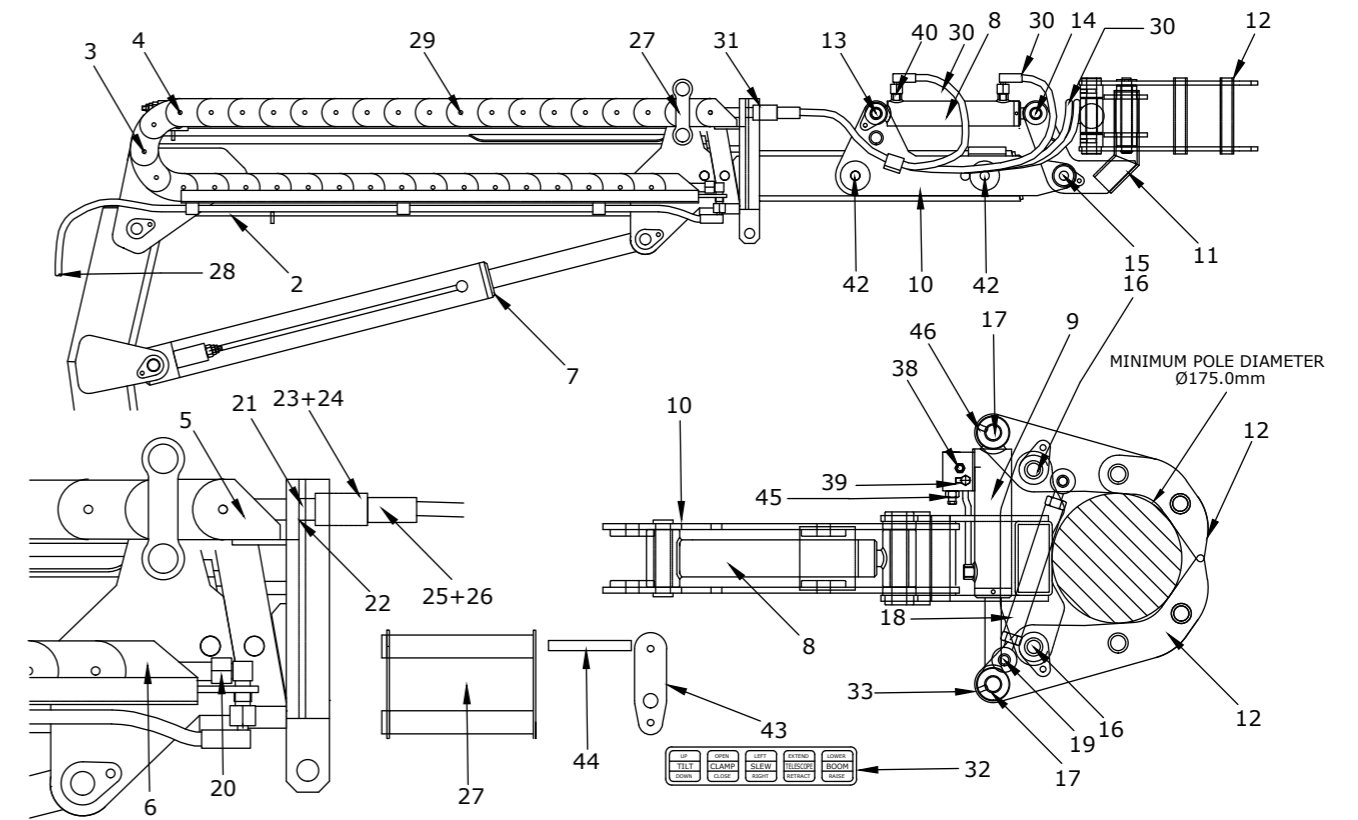
Item No.	Description	QTY	Notes	Order Part No.
1	1000/1500 Load Limiter Controller 1 Sensor	1		1000/30/18
2	Wiring Loom to suit Manual DCV	1		1000/30/18/A
3	Wiring Loom to suit Electric DCV	1		1000/30/18/B
4	Load Limiter Housing	1		1000/30/15/A
5	Load Limiter Housing Cover Plate	1		1000/30/15/COVER
6	Pressure Transducer	1		1000/30/6
7	"X" Spool Valve Section Dual Throw Switch	1		1000/2/10/X/DS
8	Blade Fuse - 5 amp	1		1000/2/14/A
9	10 Pin Plug Base	1		1000/22/15
10	10 Pin Insert - Female	1		1000/22/16
11	Replacement Lid - 10 Pin Plug Base	1		1000/22/15/A
12	DCV Bump Guard Complete	1		1000/1/33

**Load Indicators**  
**All Models**



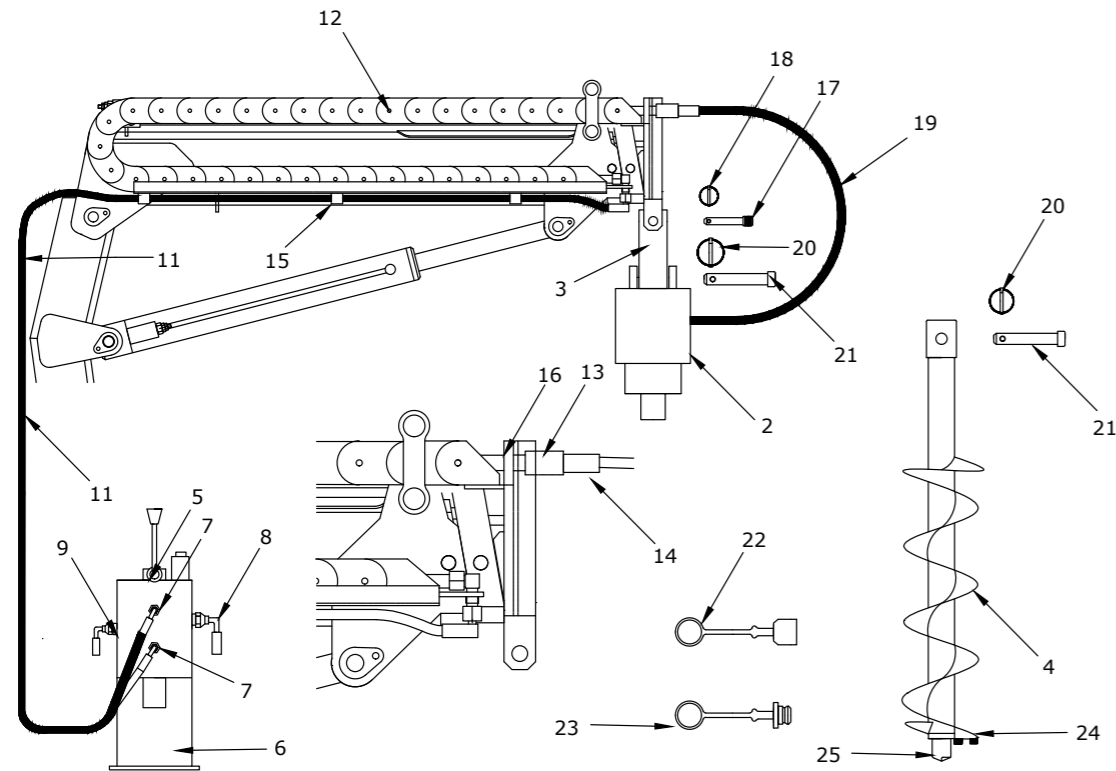
Item No.	Description	QTY	Notes	Order Part No.
1	550 Load Indicator Kit Complete	1		1000/30/550
2	700 Load Indicator Kit Complete	1		1000/30/700
3	1000 Load Indicator Kit Complete	1		1000/30/1000
4	1500 Load Indicator Kit Complete	1		1000/30/1500
5	Load Indicator Gauge - 550	1		1000/30/10
6	Load Indicator Gauge - 700	1		1000/30/11
7	Load Indicator Gauge - 1000	1		1000/30/12
8	Load Indicator Gauge - 1500	1		1000/30/13
9	Load Indicator Gauge - Specify	1	Specify	1000/30/???
10	Load Indicator - Emergency Stop Housing	1		1000/30/15
11	Emergency Stop Kit Complete	1		1000/1/31
12	Load Indicator - Attachment Pipe	1		1000/30/15/C
13	Adapter - M/F 7/16	1		1000/22/18
14	Adapter - M/M 7/16 JIC	1		1000/30/15/E
15	Pipe Clamp	1		1000/30/15/D
16	Hose Burst Velocity Fuse	1		1000/30/14
17	Velocity Fuse Holder	1		1000/30/14/A
18	Adapter	1		1000/2/5
19	Load Indicator Hose (Lift Cylinder Hose)	1		1000/16/1
20	Velocity Fuse Complete	1		1000/30/14/B

**Pole Grab**  
**K1000/K1500 Series**



Item No.	Description	QTY	Notes	Order Part No.
1	Pole Grab Assembly - Complete	1		1000/40/1
2	Hose Chain Tray - Steel	1		1000/40/2
3	Hose Chain Links (16p/m 35 per Crane)	35		1000/40/3
4	Hose Chain Track Dividers - Inside Chain	12		1000/40/4
5	One Piece Steel End - Male - 3rd Boom	1		1000/40/5
6	One Piece Steel End - Female - Steel Tray	1		1000/40/5/A
7	Lift Cylinder - Stainless Steel Rod	1		1000/40/6
8	Tilt Cylinder	1		1000/40/7
9	Clamp Cylinder	1		1000/40/8
10	Grab Attachment Arm	1		1000/40/9
11	Tilt Body	1		1000/40/10
12	Claws	2		1000/40/11
13	Tilt Cylinder Attachment Pin - Piston End	1		1000/40/12
14	Tilt Cylinder Attachment Pin - Gland End	1		1000/40/13
15	Tilt Body Attachment Pin	1		1000/40/14
16	Claw to Tilt Body Retaining Pin	2		1000/40/15
17	Clamp Cylinder Retaining Pins - Claws	2		1000/40/16
18	Tie Rod	1		1000/40/17
19	Tie Rods Ends - M12	2		1000/40/18
20	Bulkhead Fitting 90 degree Chain Tray End	4		1000/40/19
21	Bulkhead Fitting Straight 1/4 BSPP 3rd Boom	2		1000/40/20
22	Bulkhead Fitting Straight 3/8 BSPP 3rd Boom	2		1000/40/21
23	Breakaway Coupling 1/4 Male - Near Side	2		1000/40/22
24	Breakaway Coupling 1/4 Female - Far Side	2		1000/40/22/A
25	Breakaway Coupling 3/8 Male - Far Side	2		1000/40/23
26	Breakaway Coupling 3/8 Female - Far Side	2		1000/40/23/A
27	Steel Tracking Guide	1		1000/40/24
28	Hose - DCV to Chain Tray	4		1000/40/25
29	Hose - Bulkhead Tray to Bulkhead 3rd Boom	4	Inside	1000/40/26
30	Hose - Bulkhead 3rd Boom to Clamp & Tilt Cylinder	4		1000/40/27
31	Bulkhead Mount Plate	1		1000/40/28
32	Control Valve Decal	1		1000/40/29
33	Pin Retaining Grub Screws	6		1000/40/30
34	Plastic Dust Cap to Suit 1/4 B/A Male	2	Not Pictured	1000/40/31
35	Plastic Dust Cap to Suit 1/4 B/A Female	2	Not Pictured	1000/40/31/A
36	Plastic Dust Cap to Suit 3/8 B/A Male	2	Not Pictured	1000/40/32
37	Plastic Dust Cap to Suit B/A Female	2	Not Pictured	1000/40/32/A
38	Clamp Cylinder Fitting	1		1000/8/9
39	Clamp Cylinder Fitting 90 degree	1		1000/8/10
40	Tilt Cylinder Fittings	2		1000/2/5
41	7/16 UNO Plug	2	Not Pictured	1000/8/11
42	Boom Locking Pin	4		1000/6/2
43	Hook Storage Teardrop	1		1000/20/22
44	Hook Storage Joiner Bar	1		1000/20/23
45	Load Holding Valve - Clamp Cylinder	1		1000/8/4
46	Bearing Cylinders all Pivot Points	12	No Pictured	1000/20/11/A
47	Control Valve - see page 26	1		1000/2/19

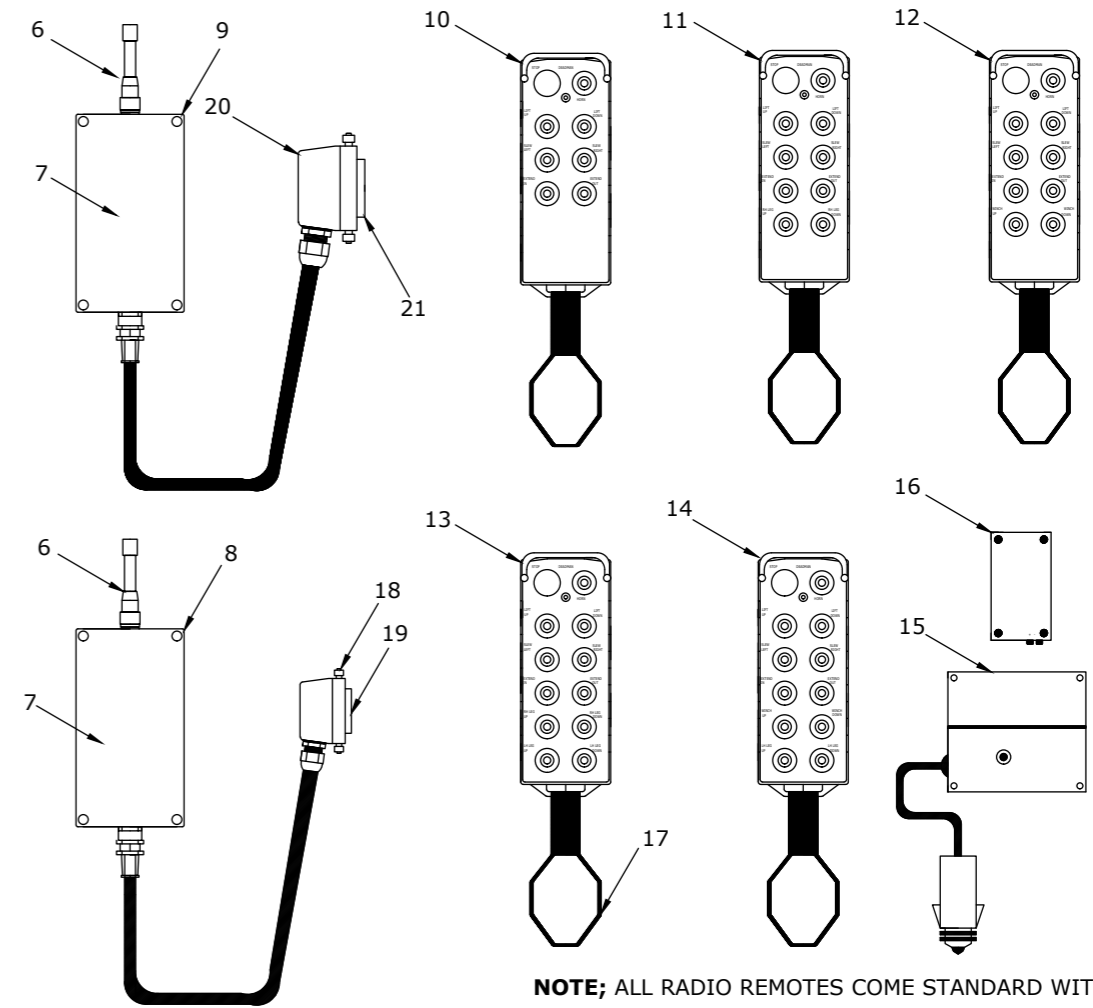
**Post Hole Borer  
K1000/K1500 Series**



Item No.	Description	QTY	Notes	Order Part No.
1	Post Hole Borer Complete Kit	1		1000/50/1
2	PDX Drive Unit	1		1000/50/2
3	Coupling from Drive Unit to Crane	1		1000/50/3
4	Auger- Specify Diameter	1	Specify Diameter	1000/50/4
5	Directional Control Valve - Working Pressure 206 BAR	1		1000/50/5
6	DCV Mounting Bracket	1		1000/50/5/A
7	DCV Fittings A and B Ports	2		1000/50/6
8	DCV Fittings - Tank Port	1		1000/50/7
9	DCV Fitting - Pressure Port	1		1000/50/6
10	DCV Fitting - 90 Degree	1	Not Pictured	1000/50/8
11	Hose - DCV to Bulkhead	2		1000/50/13
12	Hose -Bulkhead to Bulkhead	2		1000/50/14
13	1/2 Breakaway Coupling - Male	2		1000/50/19
14	1/2 Breakaway Coupling - Female	2		1000/50/18
15	Dual Hose Clamp	3		1000/50/20
16	Bulkhead Fitting - 1/2 BSPP x9/16 JIC	2		1000/50/21
17	Coupling Attachment Pin - Crane	1		1000/21/7
18	Retaining Clip	1		1000/4/14
19	Hose - PDX Drive Unit to Breakaway Couplings	2		1000/50/22
20	Retaining Clip	2		1000/50/23/A
21	Retaining Pin - PDX Drive Unit and Auger	2		1000/50/23
22	Dust Cap - Male Breakaway	2		1000/50/19/A
23	Dust Cap - Female Breakaway	2		1000/50/18/A
24	Replacement Tungsten Cutting Teeth	2		1000/50/24
25	Replacement Tungsten Pilot Tooth	1		1000/50/25

**All other components are common to the Pole Grab located on Page 59**

**Radio Remote  
All Models**



**NOTE; ALL RADIO REMOTES COME STANDARD WITH EMERGENCY STOP, DEADMAN BUTTON AND HORN**

Item No.	Description	QTY	Notes	Order Part No.
1	Radio Remote - 3 Function Complete	1		1000/60/1
2	Radio Remote 4 Function 1x Hydraulic Leg Complete	1		1000/60/2
3	Radio Remote 4 Function 1x Hydraulic Winch Complete	1		1000/60/2A
4	Radio Remote 5 Function 2x Hydraulic Leg Complete	1		1000/60/3
5	Radio Remote 5 Function 1x Hydraulic Leg/Winch Complete	1		1000/60/3/A
6	Replacement Receiver Aerial	1		1000/60/4
7	Fuse - 4amp	2		1000/60/5
8	Receiver 3 Function - Standard	1	Specify MHz	1000/60/6
9	Receiver 4/5 Function	1	Specify MHz	1000/60/6/A
10	Transmitter 3 Function - Standard	1	Specify MHz	1000/60/7
11	Transmitter 4 Function 1x Hydraulic Leg	1	Specify MHz	1000/60/8
12	Transmitter 4 Function 1x Hydraulic Winch	1	Specify MHz	1000/60/9
13	Transmitter 5 Function 2 x Hydraulic Legs	1	Specify MHz	1000/60/10
14	Transmitter 5 Function 1x Hydraulic Leg & Winch	1	Specify MHz	1000/60/11
15	Battery Charger	1		1000/60/12
16	Replacement Battery	1		1000/60/13
17	Attachment Strap	1		1000/60/14
18	10 Pin Connector Hood	1		1000/23/4
19	10 Pin Connector Male Insert	1		1000/23/3
20	16 Pin Connector Hood	1		1000/25/4
21	16 Pin Connector Male Insert	1		1000/25/3

***Please Contact your Nearest Kevrek Dealer  
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