

# JACK & LIFTING



**SHORE HIRE PROVIDES A COMPLETE TURNKEY SOLUTION FOR OUR HYDRAULIC JACKING SYSTEM.**

Our experienced team of engineers will provide a detailed design, and our team of qualified riggers will carry out the Hydraulic lift. Shore Hire also provides technical backup and load monitoring, prioritising safety at all times.

# SYNCHRONISED HYDRAULIC JACKING

**SHORE HIRE PROVIDE A COMPLETE TURNKEY SOLUTION FOR ANY PROJECTS REQUIRING HYDRAULIC JACKING.**

Our hydraulic jack range is often used in tandem with our temporary propping solutions, and Shore Hire's on-site hydraulic jacking team are nationally recognised as the experts in the hydraulic jacking space.

## FEATURES

- Wi-Fi enablement to allow remote tracking of movement changes
- Phone alerts can be setup for emergency response to anything outside of tolerance
- Huge range of different cylinders to suit any jacking job
- High Working Load Limit (WLL) with a huge range of sizes to suit any application
- Experienced and dedicated on-site team to assist with the controlled lift or descent and give you full peace of mind
- Compatible with a range of other Shore Hire propping products for full flexibility and maximum strength



# HYDRAULIC JACKING



1. Hydraulic Jacks



2. Electric Pumps



3. Manual Hand Pumps



4. Hoses & Gauges



5. Manifolds



6. SyncMaster

## 1. HYDRAULIC JACKS

- Flat Jack Cylinders
- Low height Cylinders
- General purpose Cylinders
- Pan cake lock nut Cylinders
- High Tonnage Cylinders

## 4. HOSES & GAUGES

- Full range of hoses in various lengths
- Fully calibrated to Australian Standards

## 2. ELECTRIC PUMPS

- Synchronised lifting and lowering of loads
- Even weight distribution management
- Split flow power units
- Large capacity oil Electric Pumps

## 5. MANIFOLDS

- Load monitoring available
- 2, 3, 4 and 6-way manifolds
- Load holding valve
- Able to use InSync applications

## 3. MANUAL HAND PUMPS

- Synchronised lifting and lowering of loads
- Large capacity oil hand pumps

## 6. SYNCMASTER

- Computer controlled
- Synchronised Hydraulic Jacking System
- Fully monitored for a safer lift
- Can be monitored remotely on a mobile device



# JACK & LIFTING



**JACK & LIFTING FOR SHORE HIRE IS MORE THAN JUST THE SUPPLY OF TOOLS AND EQUIPMENT. OUR EXPERT TEAM OF ENGINEERS AND RIGGERS CAN WORK WITH YOU AND YOUR PROJECT ENGINEERS TO DEVELOP A JACKING, LIFTING, AND STRUCTURAL SUPPORT SOLUTION THAT CAN BE INSTALLED BY OUR RIGGING TEAM.**

The applications for this service are wide and varied, and we have worked with some of the following applications:

- Bridge works and maintenance
- Bearing replacements in bridges and heavy machinery
- Shipping industry for loading ramp proving and boat stabilisation during docking works
- Building alignment
- Staged lifting works for buildings and heavy equipment
- Load transfer and pre-stressing of slabs, buildings, and bridges



# JACK & LIFTING



Our Engineered Jack & Lifting Solutions include our range of hydraulic lifting equipment, often combined with our propping range. Our service can provide all equipment for scheduled works ranging from Engineering, Labour, and Hydraulic Jacking Systems from Hand Operated Pumps and Electric Pumps, through to a fully synchronised computer-controlled system. This includes Hoses, Gauges, and a large range of Hydraulic Cylinders that can be monitored during and after installation via a mobile device.



# MULTI LOADER 3.0 FX CRAWLER



The Multi Loader 3.0FX is an electric crawler designed to carry up to 3,000kg and assist with getting equipment such as propping into tight access areas without human strain.

## FEATURES

- Radio remote control with display & double battery
- On board diagnostics
- 12V auxiliary socket
- Non-marking tracks
- Front and rear hazard lights

# HEAVY VEHICLE POWER JACK 200



## THE HEAVY VEHICLE POWER JACK 200 REPRESENTS A GROUND-BREAKING DESIGN, PRIORITISING THE SAFETY OF OPERATORS ABOVE ALL ELSE.

This versatile lifting jack and heavy-duty vehicle jacking stand is specifically designed for use with large mining vehicles. It is proudly Australian-made, adhering to the AS NZS 2693:2007 standard for vehicle jacks and the AS NZS 2538:2004 standard for vehicle support stands.

What sets this jack apart is its patented internal locking quadrants, which are immersed in oil and remain consistently engaged throughout the lifting process, ensuring a failsafe operation. In the rare event of hydraulic failure, this locking mechanism automatically activates, providing an additional layer of security.

Compact and easily portable, the Heavy Vehicle Power Jack 200 is the ideal choice for both workshops and service vehicles.

Our experienced engineers and project managers can provide custom advice and support for all your jacking needs. We can talk you through how to install equipment, provide on-site consultation specific to your needs or even deliver a complete supply and installation service, working with you from tender through to completion for full peace of mind on your next project.

### HEAVY VEHICLE POWER JACK 200 SPECIFICATIONS

Capacity	Capacity	Cylinder Effective Area	Collapsed Height	Stroke	Max. Lift Height	Weight
181tonnes	1,781kN	254m <sup>2</sup>	680mm	400mm	1,408m	420kg



# HEAVY VEHICLE POWER JACK 200



# HYDRAULIC JACKING



High Tonnage Locking Collar Cylinders

## HIGH TONNAGE LOCKING COLLAR CYLINDERS SPECIFICATIONS

Model Number	Cylinder Capacity (t-kN)	Stroke (mm)	Collapsed Height (mm)	Extended Height (mm)	Outside Diameter (mm)	Weight (kg)
RLSC-502	50t-496kN	50	164	214	125	15
RLSC-504	50t-496kN	100	214	314	125	20
RLSC-506	50t-496kN	150	264	414	125	25
RLSC-1002	100t-929kN	50	187	237	165	30
RLSC-2002	200t-1859kN	50	243	293	235	83
RPLC-1602	160t-1619kN	45	148	193	220	44
RPLC-2002	200t-1999kN	45	155	200	245	57
RPLC-2502	250t-2567kN	45	159	204	275	74
RPLC-602	60t-606kN	50	125	175	140	15



Single Action Low Profile

## SINGLE ACTION LOW PROFILE SPECIFICATIONS

Model Number	Cylinder Capacity (t-kN)	Stroke (mm)	Collapsed Height (mm)	Extended Height (mm)	Outside Diameter (mm)	Weight (kg)
RLP-501	10t-101kN	38	88	126	69	4.1
RLP-201	20t-201kN	45	98	143	92	5.0
RLP-302	30t-295kN	62	117	179	101	6.8
RLP-502	50t-435kN	60	122	182	124	10.9
RPL-1002	100t-887kN	57	141	198	165	22.7



Single Action Cylinder

## SINGLE ACTION CYLINDER SPECIFICATIONS

Model Number	Cylinder Capacity (t-kN)	Stroke (mm)	Collapsed Height (mm)	Extended Height (mm)	Outside Diameter (mm)	Weight (kg)
RG-50	5t-45kN	16	41	57	58	1
RG-101	10t-101kN	26	89	115	57	1.8
RG-251	25t-232kN	26	139	165	85	5.9
RG-502	50t-498kN	51	176	227	127	15
RG-1004	100t-933kN	102	205	306	177	33.1
RJ-1502	150t-1407kN	50	200	250	215	50
RG-156	15t-142kN	152	271	423	69	6.8



Compact Flat Cylinder

## COMPACT FLAT CYLINDER SPECIFICATIONS

Model Number	Cylinder Capacity (t-kN)	Stroke (mm)	Collapsed Height (mm)	Extended Height (mm)	Outside Diameter (mm)	Weight (kg)
RFJ-50	5t-45kN	6	32	38	58 x 41	1
RFJ-200	20t-201kN	11	58	71	101 x 76	3.1
RFJ-500	50t-435kN	16	66	82	140 x 114	6.8
RFJ-1000	100t-887kN	16	85	101	178 x 153	14.5
RFJ-1500	150t-1386kN	16	100	116	215 x 190	26.3

Note: Specifications are approximate.



# HYDRAULIC JACKING

