

# 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 the Hydraulic lift will be carried out by our team of qualified riggers. Shore Hire also provides technical back up and load monitoring, prioritising safety at all times.

# 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. SHORE HIRES 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 and often in combination with our propping range. Our service can provide all equipment for scheduled works ranging from Engineering, Labour, 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 mobile device.



# 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)
RSLC-502	50t-496kN	50	164	214	125	15.0
RSLC-504	50t-496kN	100	214	314	125	20.0
RSLC-506	50t-496kN	150	264	414	125	25.0
RSLC-1002	100t-929kN	50	187	237	165	30.0
RSLC-2002	200t-1859kN	50	243	293	235	83.0



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
RLP-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	1.0
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	15.0
RG-1004	100t-933kN	102	205	306	177	33.1



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	1.0
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

