HIGH TONNAGE JACKING AND LIFTING: SYNCHRONOUS LIFTING SYSTEM

The Hydraulic & Pneumatic Synchronous Lifting System is one of the world’s most advanced heavy lifting systems, allowing you to lift and position heavy structures safely and precisely from a centralised control point.
FEATURES
- Management of lifting operations from a central control system improves safety and operational productivity
- Synchronises up to eight single and double-acting hydraulic cylinders
- Uses stroke-controlled movement to control positioning with a precision of up to +/- 1mm
- Weighs the lifted load using pressure transducer readings at each lifting point
- Calculates the centre of gravity and graphical representation
- Emergency stop mechanism that ensures the hydraulic power is stopped and only the lifting points are supporting the load in isolated condition

APPLICATION
The application possibilities are infinite with the Synchronous Lifting System, however typical applications include:
- Bridge lifting, launching and repositioning
- Controlled movement and positioning of heavy equipment, buildings, concrete segments and other construction components
- Structural testing in civil engineering
- Lifting, weighing and/or determining center of gravity (oil platforms)

BENEFITS
- Precise control of multiple lift points
- Safe and efficient movement of loads
- Ease of operation and user friendly
- A single operator controls the entire operation
- Monitoring and data recording
- On-site technical service and support provided by Hydraulic & Pneumatic Pty Ltd

ABOUT US
Hydraulic & Pneumatic Pty Ltd has more than 100 years of combined experience supplying and servicing hydraulic and pneumatic equipment in Gippsland.

Our service team includes a core group of engineers who can quickly respond to any situation you might have. We will work with you to deliver safe, innovative and productive solutions.

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