



POWER AND PORTABILITY

MS-LT1A1

BATTERY POWERED HYDRAULIC PUMP



Strength you
can trust.
Performance
you can measure.

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MS-LT1A1 BATTERY POWERED HYDRAULIC UNIT

FEATURES

The MS-LT1A1 battery powered hydraulic unit provides powerful, precise fastening for rail, vehicle, and steel applications. With adjustable pressure, quick couplings, and a durable chassis, it ensures consistent performance and safety. Available in mains or battery models for professional use.

- **High-pressure hydraulic power:** provides up to 70 MPa for secure installation and removal of heavy-duty fasteners and rivets.
- **Precision adjustable pressure:** regulating valves let operators fine-tune pull and return pressure for safety and joint accuracy.
- **Portable and field-ready design:** integrated wheels and adjustable handle make this ideal for field work. Compact form makes it easy to transport to and from work areas.
- **Quick-connect tool integration:** Parker TC couplings allow fast, leak-free tool changes with riveters and cutting heads.
- **Safe and intelligent operation:** overheat, pressure, and oil safeguards protect operators and components during long use.
- **Long service intervals and easy maintenance:** accessible filters and valves extend service life and reduce downtime.

BENEFITS

- **Fast riveting cycles:** delivers high-speed performance with little downtime.
- **Portability:** compact wheeled frame with telescopic handle (MS-LT1A1).
- **Reduced maintenance:** easy-access parts and long service life.
- **Operator safety:** limit valves, auto shutoff, overheat protection.
- **Versatile compatibility:** works with MS-2624PT, MS-BT20, and cutting tools.



SPECIFICATIONS

Max pressure: 70 MPa (700 bar)

Flow pressure: 2.2 L/min, 0-160 Bar; 1.1 L/min, 300 Bar

Power: Pump 1 kW / Battery 48V, 35Ah

Weight: 36-42 kg

Noise level: ≤75 dB

Oil capacity: 1.0 L

Operating temp: -15°C to +45°C

Dimensions (L×W×H): 450×330×650 mm

INDUSTRIES AND APPLICATIONS

- Railway and transportation manufacturing
- Heavy vehicle assembly (trucks, buses)
- Wind energy and structural steel fabrication
- Shipbuilding and aerospace fastening
- Mining infrastructure and bridges.

Suitable for lockbolts ranging up to 1 1/8" diameter.
Please contact your IEF representative regarding the appropriate tool and nose assembly for your application.