

Landing Gear Strut Servicing Trolley

>LGST1<



Serves for controlled filling and emptying of shock absorbers (NLG and MLG) using hydraulic fluid.

- > Basic frame out of steel profile tubes and aluminium covers located on four wheels for easy transportability
- > Safety valve for pump pressure limitation
- > Fine filter with visual contamination indicator
- > Throttle valve for adjusting flow limits and slow pressure build-up

GENERAL INFORMATION

- > The required filling pressure is generated via a gear pump driven by an electric motor.
- > The outlet (NLG/MLG) is equipped with a quick-acting solenoid valve and pressure switches.
- > Automatic closing of the outlet valve and of the pump as soon as the required filling pressure in the shock absorber is reached.
- > Shock absorber emptying can be effected via drain cock in the pump circuit or via the drain connection.
- > Built-in sight glass allows test medium inspection for bubbles.
- > A digital instrument serves to measure flow volume and rate of the fluid.
- > Precision gages display pump pressure and outlet pressure (NLG/MLG).
- > Hose and cable suspension units are located on the rear of the device.

TECHNICAL DATA

> Hydraulic parameters:

Pump (for generating the filling pressure)	
Flow:	max. 8.5l/min (2.25USgpm)
Pressure:	max. 25bar (363psi)
2 manometer:	0 to 25bar (363psi), Cl. 1.0
2 flow regulators:	0 to 10l/min (2.64USgpm) (for filling and draining the absorbers)
Sensor:	0 to 10l/min (2.64USgpm) (for measuring the volume/flow)

> Electrical requirements:

Voltage:	230V
Frequency:	50Hz
Power:	approx. 1.1kW
Mains protection:	16A
Cable length:	approx. 10m (393in)
Hydraulic hose length:	approx. 2.5m (98.4in)

> Dimensions and weight:

Width:	approx. 700mm	(27,6in)
Depth:	approx. 800mm	(31,5in)
Height:	approx. 1,000mm	(39,4in)
Weight:	approx. 150kg	(330lb)