

1. Description

The TMJL 100 has a maximum pressure of 100 MPa (14 500 psi) and delivers a volume per stroke of 1 cm³ (0.06 in³). It is mainly intended for use on HMV nuts, bolt tensioners, hydraulic pullers etc, but is also suitable for other oil injection applications where a maximum pressure of 100 MPa (14 500 psi) is required. The pump is supplied with a 3 metre long, high pressure hose

with quick connection coupling. Mating quick connection nipple for attachment to the workpiece is included. The pump is filled with SKF mounting fluid LHMf 300 and comes with an additional 1 litre can with the same fluid. Everything is packed in a sturdy case. The pump has an over-pressure valve and a pressure gauge. The release valve is an integrated part of the pump head.

2. Technical data

Maximum pressure	100 MPa (14 500 psi)
Volume per stroke	1 cm ³ (0.06 in ³)
Oil container capacity	800 cm ³ (49 in ³)
Handle force at 100 MPa	320 N (70 lbf)
Pressure hose	3 m (10 ft) long with quick connection coupling
Connection nipple	G 3/4, external or internal thread
Oil viscosity of mounting fluid	300 mm ² /s (1 400 SUS) at 20 °C
Weight (filled with oil)	13 kg (29 lb)
Designation	TMJL 100