

Oil Ratio Pump

OIL TRANSFER EQUIPMENT – AIR OPERATED PUMPS

R1000T PUMP (DRUM)

R1000S PUMP (STUB)

The R1000 10:1 ratio oil ratio pump is the latest addition to the range and has been designed for workshops and systems requiring oil transfer of distances up to 100 metres. It is ideally suited for use with bulk tanks and drums and utilising multiple hose reels and meter/gun dispensing systems.

FEATURES:

- Suitable for automatic transmission fluid, engine oil, gear oil, and hydraulic oils up to SAE 140.
- Suitable for 205 litre (55 US gal.) drums (optional extension tube available for stub version).
- The stub version (R1000S) can be easily wall mounted
- Built-in pressure relief valve for safe operation
- Oil lubricator and 2" (male) bung adaptor supplied
- 10 year parts availability

SPECIFICATIONS:

Wetted components:	aluminium, nitrile rubber, carbon PTFE, zinc plated carbon steel
Pump ratio:	10:1 (oil pressure is 10 times air pressure)
Output:	15 litres (4 US gal.) per min. of SAE 10 oil at 100 psi air pressure (free flow)
Dimensions:	R1000S (stub) 605mm x 120mm x 120mm R1000T (drum) 1297mm x 120mm x 120mm
Max. Air Pressure:	1030 kPa/150psi/10.3 bar
Min. Air Pressure:	400 kPa/60psi/4 bar
Min. Air Compressor:	0.50 m ³ /min. (18 cfm/min)
Air Inlet:	1/4" NPT (F)
Pump Outlet:	3/4" BSP or NPT (F)

FLOW RATES – R1000

Material	<i>Output (per min.) through 1m x 25mm (1") hose and hose end gun @ 550kPa/80psi</i>	<i>Output (per min.) through 35m (115ft) x 12.5mm (1/2") hose and hose end gun @ 690kPa/100psi</i>
	LITRES (US GAL) LITRES/MIN	LITRES (US GAL) LITRES/MIN
OIL SAE 10	15 (4)	10 (2.6)
OIL SAE 30	15 (4)	6 (1.6)
OIL SAE 90	14 (3.7)	4.6 (1.2)

* Flow rates are a guide only and any variations can depend on system set-up

