



MERLIN DIESEL SYSTEMS LTD

Bradkirk Place, Walton Summit Centre
Preston, Lancashire
England, PR5 8AJ

T: +44 (0)1772 694190

F: +44 (0)1772 314545

E: equip@merlindiesel.com

W: www.merlindiesel.com

TEST EQUIPMENT DIVISION

MM SERIES TEST STAND SPECIFICATIONS

DRIVE MOTOR:	10hp & 15hp (7.5kw & 11kw)
SPEED RANGE:	0-4000rpm
DISPLAY:	LED & Gauges
MEASURING RANGE:	8/12 x 0-21cc capacity 1 x 0-100cc (back leak)
TEST OIL SUPPLY PUMP:	435 litres/hr (tandem pump)
LUBE OIL SUPPLY PUMP:	435 litres/hr (tandem pump)
TEST OIL FEED PRESSURE:	0-7 bar
FLYWHEEL:	Inertia value: 0.25 kgm ²
FLOWMETER:	Closed displacement system
TACHOMETER:	± 1 rpm. Updates every 0.5 seconds
WATER SUPPLY:	160 litres/hr min 3 bar required
TEMPERATURE CONTROL:	0-60°C ±1°C at 40°C
CALIBRATION FLUID:	Shell Calibration Fluid 4113, now S9365
WORK TABLE:	125mm Centre height

Dimensions

HEIGHT:	1800mm
LENGTH:	1500mm
WIDTH:	680mm
WEIGHT:	463kg

Installation details

ELECTRICAL SUPPLY	200-220v/3 phase/60Hz
	380-420v/3 phase/50Hz



MM SERIES TEST STAND

