



## MERLIN DIESEL SYSTEMS LTD

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### TEST EQUIPMENT DIVISION

#### DC80-EM TEST STAND

#### SPECIFICATIONS

DRIVE MOTOR:	110hp (82kw)
SPEED RANGE:	30-600 rpm
DISPLAY:	S600M/20 Measuring system 10" TFT Colour display
MEASURING RANGE:	50-20,000 mm <sup>3</sup> /stroke
TEST OIL SUPPLY PUMP:	1320 litres/hr
LUBE OIL SUPPLY PUMP:	363 litres/hr
TEST OIL FEED PRESSURE:	0-9 bar
FLYWHEEL:	2300kg
FLOWMETER:	2-22 litres/min
TACHOMETER:	Digital display, accuracy $\pm 1$ rpm with 0.5 seconds update
WATER SUPPLY:	750 litres/hr min 3 bar required
TEMPERATURE CONTROL:	0-60°C $\pm 1$ °C at 40°C
ELECTRICAL SUPPLY:	220v/ 3 Phase/ 60Hz (customer specification) 400v/ 3 Phase/ 50Hz (customer specification)
CALIBRATION FLUID:	Shell Calibration Fluid 4113, now S9365
WORK TABLE:	300mm Centre Height
DIMENSIONS	
HEIGHT:	1820mm
LENGTH:	3700mm
WIDTH:	1770mm
WEIGHT:	5080kg



DC80-EM SERIES TEST STAND