



## MERLIN DIESEL SYSTEMS LTD

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

T: +44 (0)1772 694180

F: +44 (0)1772 314545

E: paul.sherburn@merlindiesel.com

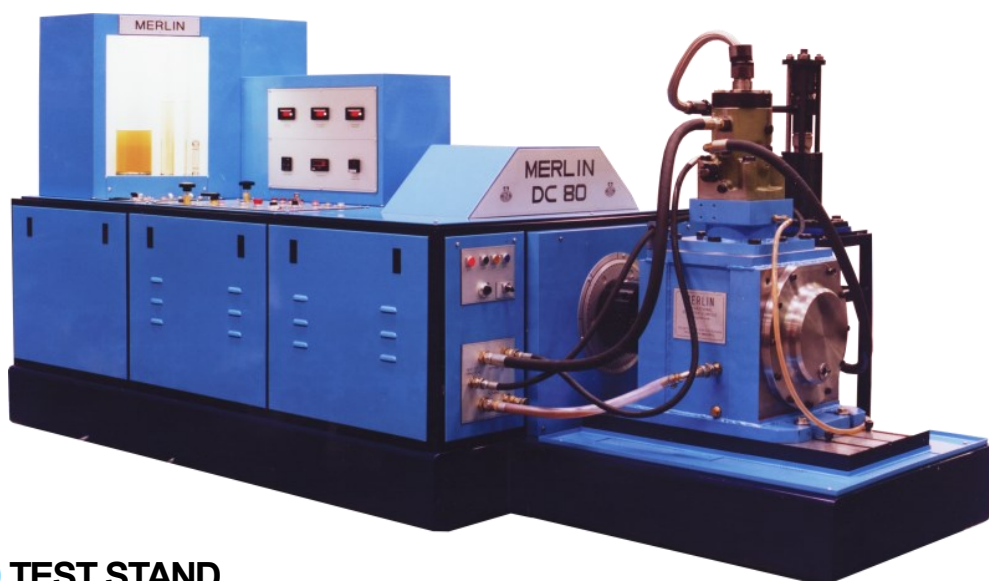
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### TEST EQUIPMENT DIVISION

#### DC80 TEST STAND

#### SPECIFICATIONS

DRIVE MOTOR:	110 hp (82kw)
SPEED RANGE:	30-600 rpm
DISPLAY:	LED & Gauges
MEASURING RANGE:	1 x 0-250 mm <sup>3</sup> , 1 x 0-1000 mm <sup>3</sup> , 1 x 7000 mm <sup>3</sup> capacity
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 $\pm 1^\circ$ C at 40°C
ELECTRICAL SUPPLY:	220 Volts 3 Phase 60Hz (customer specification) 400 Volts 3 phase 50Hz(customer specification)
CALIBRATION FLUID:	Shell Calibration Fluid 4113, now S9365
WORK TABLE:	300mm Centre Height
DIMENSIONS	
HEIGHT:	1650mm
LENGTH:	3250mm
WIDTH:	1500mm
WEIGHT:	50880kg



DC 80 TEST STAND