

THE **PD-SERIES** DIESEL DRIVEN SINGLE SPEED RADIAL PISTON POWER UNITS ARE SUITABLE FOR HEAVY DUTY APPLICATIONS IN THE FIELD AND CAN DELIVER A MINIMUM FLOW OF 2.5 LPM AT 700 BAR PRESSURE.

It has a 50 L usable oil capacity coupled with the reliability of a 3.4kW Hatz® diesel motor. The transport system is easy to handle and incorporates an engine control dash board. PDS models have a remote control pendant (on a 4M lead) for actuation of solenoid valves. All power units have an externally adjustable pressure relief valve and offer a range of directional control valve options to operate single and double acting cylinders and tools. An optional sub-plate style pilot check valve is also available.

12 V BATTERY

with isolation switch

5 LITRE FUEL TANK

with filter

RECOIL START

for manual backup

THROTTLE CONTROL LEVER

for manual adjustment

FUEL & OIL FILTER

accessible for ease of service

AIR COOLED DIESEL ENGINE

3.4 kW with variable speed control

CONTROL PANEL

12V electric start/stop

PRESSURE GAUGE

63mm panel mounted
0-1,000 bar

SHUTDOWN PROTECTION

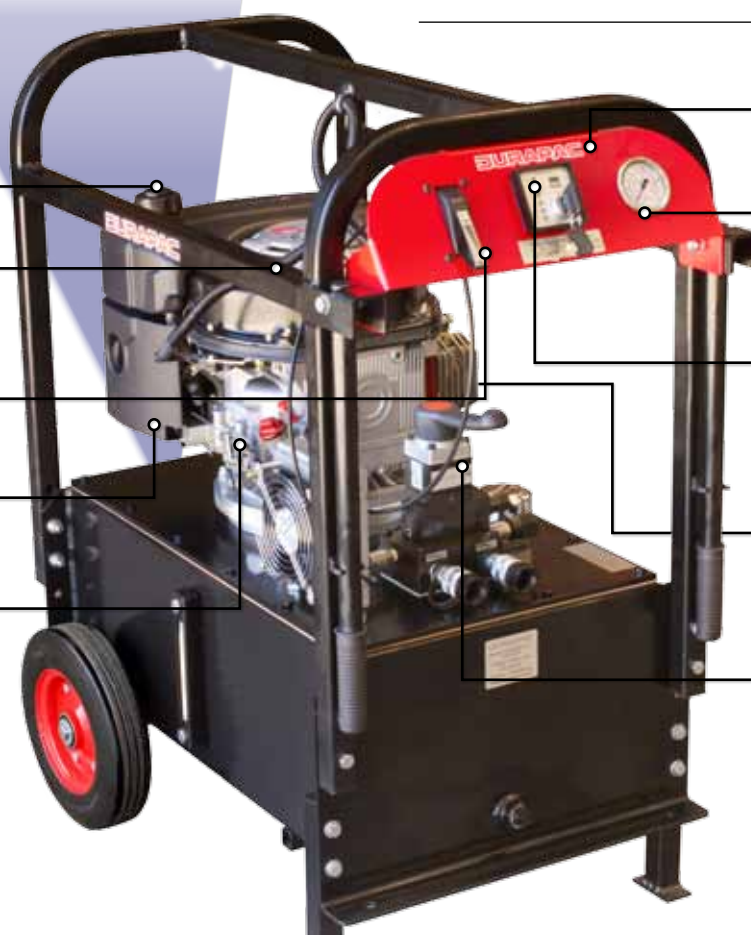
on high temperature
and low oil pressure

SIDE EXIT EXHAUST SILENCER

with mesh guard

DIRECTIONAL CONTROL VALVES

available in manual or
solenoid versions to
suit single and double
acting cylinders



Model Number	Motor Type	kW	rpm	Flow Rate (Lpm) @ 700 bar	Maximum Pressure Rating (bar)	Remote Pendant Function 4 M Lead	Valve Type (3/8"-NPTF Ports) Sol. = Solenoid Man. = Manual	Usable Oil Capacity (L)	Approx. Dry Weight (kg)	Approx. Dimensions (mm)
PDM3053	Diesel	3.4	2,200	2.5	700	N/A	3w/3p Man.	50	190	450 W x 750 L x 650 H
PDM3054	Diesel	3.4	2,200	2.5	700	N/A	4w/3p Man.	50	190	450 W x 750 L x 650 H
PDS3053	Diesel	3.4	2,200	2.5	700	Solenoid ADV / HOLD / RETRACT	3w/3p Sol.	50	190	450 W x 750 L x 650 H
PDS3054	Diesel	3.4	2,200	2.5	700		4w/3p Sol.	50	190	450 W x 750 L x 650 H

THE **PDM3054-RAIL** DIESEL DRIVEN RAILWAY POWER UNIT IS SUITABLE FOR HEAVY DUTY APPLICATIONS IN THE FIELD AND CAN DELIVER A MINIMUM FLOW OF 2.5 LPM AT 700 BAR PRESSURE.

It is specifically designed to operate rail tensors and weld shears commonly used in the railway industry. It features a selector valve to choose which tool to operate and individual directional control valves for each tool. Tools can be single or double acting and each tool may have a different maximum operating pressure.



Did you know...

Durapac diesel power units can be custom designed to suit many applications. Variations in function, pressure and flow can be achieved. Consult Durapac for more information.



MOTOR SIZE

3.4 kW

FLOW

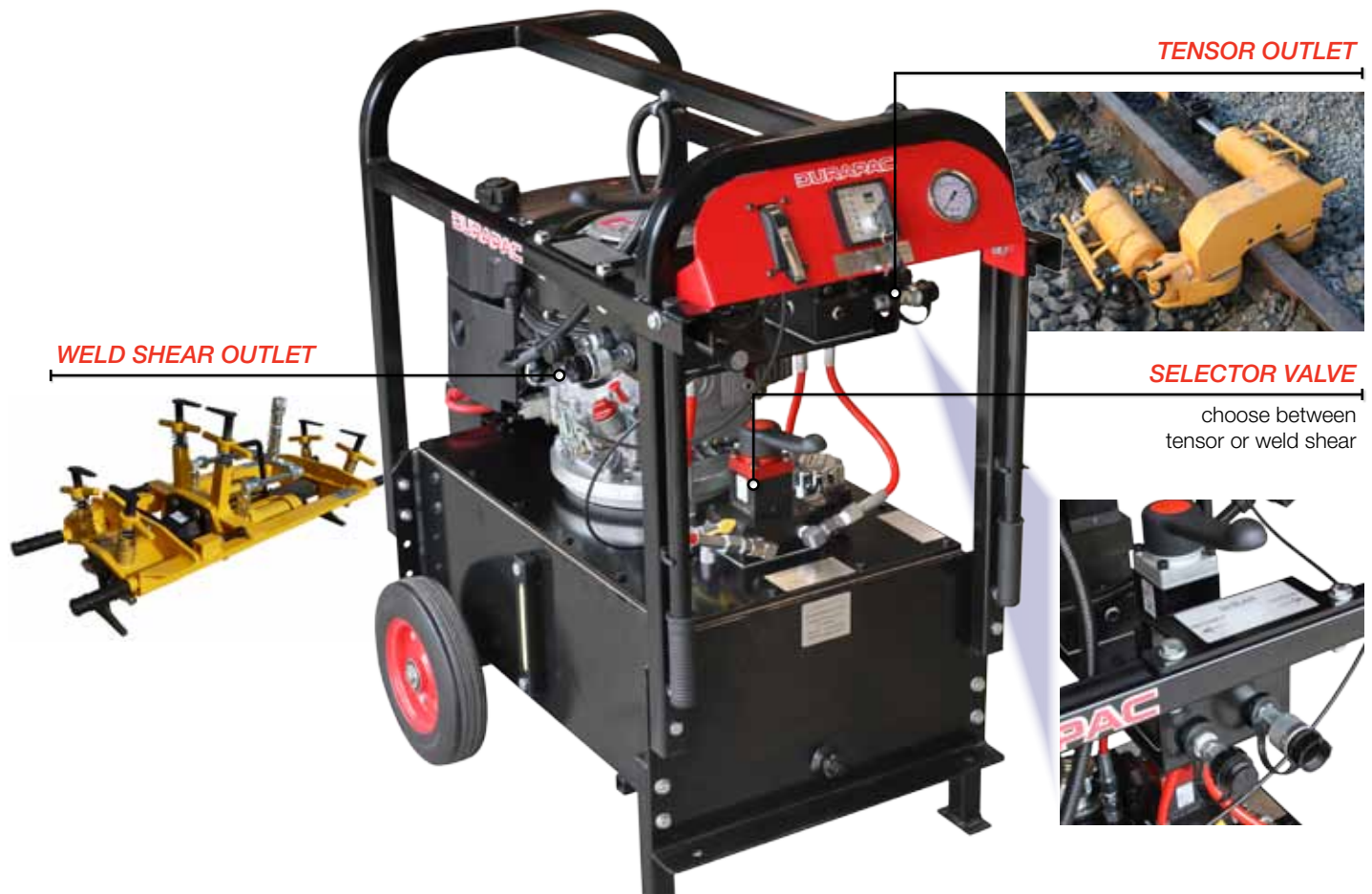
2.5 Lpm

MAXIMUM OPERATING PRESSURE

700 bar

C

PUMPS



Model Number	Motor Type	kW	rpm	Flow Rate (Lpm) @ 700 bar	Maximum Pressure Rating (bar)*	Valve Types (3/8"-NPTF Ports)	Usable Oil Capacity (L)	Approx. Dry Weight (kg)	Approx. Dimensions (mm)
PDM3054-RAIL	Diesel	3.4	2,200	2.5	700	Selector Shear** Tension**	50	190	450 W x 750 L x 650 H

* Specify tool working pressure at placement of order.

** Specify single or double acting tools at placement of order.