

PP-SERIES HYDRAULIC POWER PACKS

ELECTRIC AND DIESEL HYDRAULIC POWER UNITS
ENGINEERED FOR THE ENERPAC ON-SITE MACHINING PORTFOLIO



▼ PP11 and PP15 Electric Hydraulic Power Packs



Electric Hydraulic Power Packs

- Two variable pumps with 11 kW or 15 kW electric motor
- Voltage options 380-415 V 3ph 50-60 Hz and 440-480 V 3ph 60 Hz
- Series of application specific Pendant Controls can be selected
- Standard supplied with 10 metres pendant control
- 10 metres hydraulic hose kit supplied as standard.

Pendant Control Specifications (standard supplied with Electric Power Packs)

Pendant Model Number	For Pump Series	For Machining Tools Type	Pendant Control Specifications Fwd/Off/Rev = Forward / Off / Reverse
SM	PP11	Single Motor	Emergency Stop, Feed: Fwd/Off/Rev, Potentiometer
TM	PP15	Twin Motor	Emergency Stop, Spindle FWD/Off/Rev, Spindle Potentiometer, Feed: Fwd/Rev/Off, Feed Potentiometer
WP	PP15	Wind Power	Emergency Stop, Spindle: On/Off, Feed: Fwd/Off/Rev, Feed Potentiometer
GM	PP15	3-Axis Gantry Milling	Emergency Stop, Spindle: Fwd/Off/Rev, Spindle Potentiometer, Feed: Fwd/Off/Rev, Feed: Potentiometer, X/Y-Axis

Selection Chart, Electric Hydraulic Power Packs

Electric Motor Power (kW)	Oil Flow ¹⁾ at Maximum Pressure (l/min)			Reservoir Capacity ²⁾ (litres)	Model Number with 10 metres Pendant Control	Motor Voltage 3 Phase (Volt)
	70 bar	80 bar	90 bar			
11	–	–	60	250	PP11EAW-SM	380-415 V, 50-60 Hz
11	–	–	60	250	PP11EAJ-SM	440-480 V, 60 Hz
15	20	50	–	250	PP15EBW-TM	380-415 V, 50-60 Hz
15	20	50	–	250	PP15EBJ-TM	440-480 V, 60 Hz
15	20	50	–	250	PP15EBW-WP	380-415 V, 50-60 Hz
15	20	50	–	250	PP15EBJ-WP	440-480 V, 60 Hz
15	20	50	–	250	PP15EBW-GM	380-415 V, 50-60 Hz
15	20	50	–	250	PP15EBJ-GM	440-480 V, 60 Hz

¹⁾ Oil flow fully variable up to specified values

²⁾ Power packs are supplied as standard with ISO VG 46 Hydraulic Oil.

PP Series

Reservoir Capacity:

250 litres

Flow at Rated Pressure:

20 - 50 - 60 l/min

Motor Size:

11 - 15 kW

Maximum Operating Pressure:

70 - 90 bar



PP-Series, Electric Power Packs

These power packs will service all hydraulic machines within the Enerpac on-site machining portfolio.

Key Benefits

- Voltage Options allow for global supply
- Series of application specific Pendant Controls can be selected
- Safety: Emergency stop buttons are provided on the power pack and the control pendant.
- Power Packs enclosed within a protective frame
- Forklift truck and vertical lift points
- Removable castor trolley available as an accessory.



Accessories and Kits

Maintenance Kit: consumables and wear parts for regular maintenance.

Service Kit: most essential spare parts to minimize the risk of down-time, to keep in stock for inspection and/or servicing.

Capital Kit: to shorten downtime to a minimum.

Description	Model Nr. for PP11	Model Nr. for PP15
Removable Castor Trolley	PP11-CT	PP15-CT
Protective Storage Cover	PP11-T	PP15-T
Maintenance Kit, Spares A	PP11SK-A	PP15SK-A
Service Kit, Spares B	PP11SK-B	PP15SK-B
Capital Kit, Spares C	PP11SK-C	PP15SK-C

Dimensions

Series	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
PP11	1513	1010	1265	1000
PP15	1513	1010	1265	1000

Diesel Hydraulic Power Packs

▼ PP19DC and PP44DD Diesel Hydraulic Power Packs



Diesel Hydraulic Power Packs

- Two variable pumps with 19 kW or 44 kW diesel engine
- Complies with EU Stage V – EPA Tier 4 final regulations
- Engine with 50 litres diesel tank
19 kW ± 12 hours running time at max torque
44 kW ± 6 hours running time at max torque
- Pressure & Flow can be set by adjustment screws
- Case Drain Return option
- Safety: Emergency stop buttons are provided on the power pack.



◀ Enerpac MHT2460-H hot tapping machine powered by a PP44-Series Power Pack.

Selection Chart, Diesel Hydraulic Power Packs

Diesel Engine Power (kW)	Oil Flow at Maximum Pressure (l/min)			Reservoir Capacity * (litres)	Model Number	Diesel Engine Type
	100 bar	160 bar	200 bar			
19	100	60	–	350	PP19DC	EU Stage V EPA Tier 4
44	200	125	100	350	PP44DD	

* Power packs are supplied as standard with ISO VG 46 Hydraulic Oil.

PP Series

Reservoir Capacity:

350 litres

Flow at Rated Pressure:

60 - 200 l/min

Motor Size:

19 - 44 kW

Maximum Operating Pressure:

100 - 200 bar



PP-Series, Diesel Power Packs

These power packs will service all hydraulic machines within the Enerpac on-site machining portfolio.

Key Benefits

- Emission levels allow for global supply
- Spark Arrestor
- Series of optional application specific hydraulic controls
- Series of optional application specific Hose Kits
- Power Packs enclosed within a protective frame
- Forklift truck and vertical lift points
- Pressureless Switch to remove pressure and flow.



Accessories and Kits

Maintenance Kit: consumables and wear parts for regular maintenance.

Service Kit: most essential spare parts to minimize the risk of down-time, to keep in stock for inspection and/or servicing.

Capital Kit: to shorten downtime to a minimum.

Description	Model Nr. for PP19	Model Nr. for PP44
Protective Storage Cover	PP19-T	PP44-T
Maintenance Kit, Spares A	PP19SK-A	PP44SK-A
Service Kit, Spares B	PP19SK-B	PP44SK-B
Capital Kit, Spares C	PP19SK-C	PP44SK-C

Dimensions

Series	Length (mm)	Width (mm)	Height (mm)	Weight ** (kg)
PP19	2200	980	1500	1510
PP44	2200	980	1500	1590

** Pump weight does not include fuel.



THE RIGHT TOOL MAKES ALL THE DIFFERENCE

Since joining the Enerpac portfolio, the design innovation of Mirage machines has continued to deliver new products that help get the job done faster, safer and smarter. Explore the full Mirage product line from flange facing machines, milling machine, drilling and tapping machines to clamshell pipe cutters and much more. All backed by Enerpac training, application support and service.

Decades of engineering know-how combined with a continuing drive to innovate has resulted in a wide range of world-class portable machining products - each one robust enough to handle the toughest of on-site machining challenges.

ELITE TOOLS. FOR ELITE PROFESSIONALS.

On-site Machining Tools



Internal Mount
Flange Facing Machines



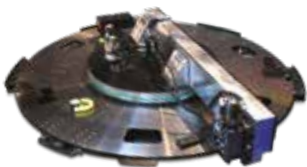
External Mount
Flange Facing Machines



Clamshell Pipe Cutting
and Beveling Machines



General Orbital Milling Machines



Wind Power Orbital Milling Machines



Linear Milling Machines



Hot Tapping Machines



Line Stopping Actuators



Decommissioning Diamond
Wire & Band Saws



Drilling & Tapping Machines



GeniSYSTEM IV
Portable 3-axis CNC Mill



Inline Piping Isolation & Test Tools