

**DURAPAC**  
ENGINEERED FOR RELIABILITY

## **Electric, Battery, Hand, Pneumatic, Petrol & Diesel Hydraulic Pumps**



## OVERVIEW

Specialised Force Pty Ltd has been operating and expanding throughout Australia since 1982. With the Head office in Sydney, the company now operates in Brisbane, Townsville, Darwin, Adelaide, Melbourne, Perth, Port Hedland and Hobart, with additional support distribution network covering all areas throughout Australia & New Zealand for over 40 years.



- **Established 1982**
- **Locations Australia Wide**
- **Australian Owned and Operated**

Specialised Force success rests on unique knowledge of specialised hydraulic, electrical tooling equipment and other products. This includes synchronised lifting systems, torque equipment, heat exchanger, pipe maintenance equipment and overhead/underground power installation equipment. We pursue a "complete system" approach and carefully match components to ensure efficient and safe operation of equipment. In order to transform this knowledge into solutions that meet demands in different industries, the company is organised into separate business areas

## FOCUSED BUSINESS AREAS



- **ELECTRICAL** - Overhead & Underground Power Installation Machinery & Equipment
- **RAIL** - Maintenance, Construction and Safety Equipment
- **MINING** - Jacking, Maintenance Tools & Tensioning Devices
- **OIL & GAS** - Flange Maintenance, Alignment, Spreading & Torque Tools
- **CIVIL INFRASTRUCTURE** - Bending, Crimping, Punching & Cutting Tools
- **INDUSTRIAL** - Heavy Load Lifting/Shifting, Maintenance & Safety Equipment
- **COMMUNICATIONS** - Drum Handling Equipment, Rollers & Winches
- **TRANSPORT** - Jacks, Presses, Pullers, Repair Kits & Torque Tooling
- **DEFENCE** - Heavy Load Lifting/Shifting

## OPERATIONAL COMMITMENTS

- **SAFETY FIRST** - Specialised Force strives to provide a safe, healthy work environment that stimulates customers and employees to perform effectively, to assume responsibility and to continue to develop towards company goals. Specialised Forces vision is for zero work-related injuries.
- **ENVIRONMENTAL RESPONSIBILITY** - Environmental consideration is a key element in our operations. We strive to prevent or minimize harmful effects on the environment.
- **DRIVEN BY CUSTOMER VALUE** - Where businesses are evolving – that's where you'll find Specialised Force. Our range of products and solutions are used by customers worldwide and by most industries. Specialised Force offers improved efficiency, productivity and safety, which in turn boosts profitability for customers.

## OUR VISION

- **Customers and partners** will see us as integral to their success. We will anticipate their needs and deliver on every commitment we make.
- **People** will be proud to work at Specialised Force. We will create opportunities to achieve the extraordinary and we will reward success.
- **Communities** will regard us as responsible and responsive. We will integrate local perspectives, promote sound management of resources, and contribute to a better quality of life

## OUR KEY VALUES

**EXCELLENCE** - We apply advanced technology and continually innovate and improve

**SAFETY** - Zero accidents is our unwavering goal.

**FAIR RETURN** - We earn a return that fairly rewards the value we deliver

**SUSTAINABILITY** - We plan and act for the future - considering our company, our customers and our world

**ETHICS** - Uncompromising integrity, honest and fairness are at the heart of our company

**DURAPAC** Specialised Force is proud to be the exclusive distributor of Durapac products in Australia.

Durapac is a leading name in high-pressure hydraulic tools, combining decades of industry experience with a global manufacturing base to deliver a complete range of high-quality industrial tools.

At Durapac, reliability goes beyond the products—it's reflected in their people, distribution network, stock availability, and after-sales service. For our customers, this means access to superior-quality tools supported by industry-leading service and support.

Durapac is committed to delivering safe, dependable equipment backed by a comprehensive 3-year warranty.

## INDEX

### HAND PUMPS

STEEL BODIED P-SERIES	4
ALUMINIUM BODIED P-SERIES	5

### ELECTRIC POWER UNITS

COMPACT SPE-35 & 45 SERIES	6
2 SPEED, SINGLE PHASE PE-08, 11 & 15 SERIES	10
2 SPEED, 3 PHASE PE-30 & 40 SERIES	12
SINGLE SPEED, SINGLE & 3 PHASE PE-15, 30, 55 & 110 SERIES	14
SPLIT FLOW, SINGLE & 3 PHASE PE-15, 40 & 75 SERIES	16

### BATTERY POWER UNITS

BP SERIES	18
-----------	----

### PETROL POWER UNITS

PPM SERIES	19
------------	----

### HYDROSTATIC PUMPS / POWER UNITS

PHS SERIES	20
------------	----

### PNEUMATIC POWER UNITS

ROTARY POWER UNITS DPR SERIES	22
RECIPROCATING POWER UNITS DPA SERIES	24

### DIESEL POWER UNITS

PDM SERIES	26
------------	----

### BOLT TENSIONER POWER UNITS

PAMH & PEMH SERIES	27
DBTP-1500K SERIES	28

### TORQUE WRENCH POWER UNITS

DET & DAT-SERIES	29
------------------	----

### PRESTRESSING AND POST-TENSIONING POWER UNITS

PEM SERIES	31
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## P-SERIES STEEL BODIED MANUAL HAND PUMPS



### OVERVIEW

The P-Series offers a range of steel-bodied models, ideal for portable hydraulic power. They support both single and double-acting cylinders, as well as tools. Each pump includes a factory-set safety pressure relief valve and comes pre-filled with hydraulic oil.

### VALVE TYPE



### SPECIFICATIONS

Model Number	P-170	P-235	P-235L	P-250	P-270	P-290	P-2200	P-2200D	P-2260	P-2800	P-2800D	
<b>Pump Type</b>	Steel Bodied								High Flow			
<b>Operation</b>	Single Speed	Two Speed	Two Speed	Two Speed	Two Speed	Two Speed	Two Speed	Two Speed	Two Speed	Two Speed	Two Speed	
<b>Used with Cylinder</b>	S/A	S/A	S/A	S/A	S/A	S/A	S/A	D/A	S/A	S/A	D/A	
<b>Valve Type</b>	2 Way	2 Way	2 Way	2 Way	2 Way	2 Way	2 Way	4 Way	2 Way	2 Way	4 Way	
<b>Pressure Rating (bar) 1st/2nd Stage</b>	1st 700	13.8 / 700	13.8 / 240	13.8 / 700	13.8 / 700	14 / 700	13.8 / 700	13.8 / 700	28 / 700	27.5 / 700	27.5 / 700	
<b>Usable Oil Capacity (cc)</b>	700	350	350	500	700	900	2,000	2,000	2,600	8,000	8,000	
<b>Oil Volumes per Stroke (cc) 1st/2nd Stage</b>	1st 3.1	7 / 1	13 / 2.8	7 / 1	13 / 2.8	12.5 / 2.8	13 / 2.8	13 / 2.8	30 / 3	113 / 4	113 / 4	
<b>Oil Port Thread</b>	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	
<b>Max. Handle Effort (kg)</b>	33	34	25	30	41	33	35	37	36	29	29	
<b>Approx Dimensions (mm)</b>	L	596	363	335	447	601	582	765	765	735	728	
	W	128	142	128	140	140	136	146	146	146	310	
	H	146	146	146	146	146	150	176	176	176	261	
<b>Weight with Oil (kg)</b>	6.5	5.5	5.5	6.2	7.3	7.5	11.5	14.5	13.5	29.0	30.0	

Cylinder Capacity vs Pump Handle Strokes: mm Movement per Pump Handle Stroke

Pressure Stage	1st	1st / 2nd	1st / 2nd	1st / 2nd	1st / 2nd	1st / 2nd	1st / 2nd	1st / 2nd	1st / 2nd	1st / 2nd	1st / 2nd	
<b>Cylinder Capacity (ton)</b>	5	5	11.2 / 1.6	20.8 / 4.5	11.2 / 1.6	20.8 / 4.5	20.2 / 4.5	20.8 / 4.5	20.8 / 4.5	48 / 4.8	180.8 / 6.4	180.8 / 6.4
	10	2.1	4.8 / 0.7	9 / 1.9	4.8 / 0.7	9 / 1.9	8.8 / 1.9	9 / 1.9	9 / 1.9	20.7 / 2.1	78.1 / 2.8	78.1 / 2.8
	15	1.5	3.4 / 0.5	6.4 / 1.4	3.4 / 0.5	6.4 / 1.4	6.2 / 1.4	6.4 / 1.4	6.4 / 1.4	14.8 / 1.5	55.7 / 2	55.7 / 2
	20	1.1	2.5 / 0.4	4.6 / 1	2.5 / 0.4	4.6 / 1	4.4 / 1	4.6 / 1	4.6 / 1	10.6 / 1.1	40 / 1.4	40 / 1.4
	25	0.9	2.1 / 0.3	3.9 / 0.8	2.1 / 0.3	3.9 / 0.8	3.8 / 0.8	3.9 / 0.8	3.9 / 0.8	9 / 0.9	34 / 1.2	34 / 1.2
	30	0.7	1.7 / 0.2	3.1 / 0.7	1.7 / 0.2	3.1 / 0.7	3 / 0.7	3.1 / 0.7	3.1 / 0.7	7.1 / 0.7	26.9 / 1	26.9 / 1
	50	-	1 / 0.1	1.8 / 0.4	1 / 0.1	1.8 / 0.4	1.7 / 0.4	1.8 / 0.4	1.8 / 0.4	4.2 / 0.4	15.9 / 0.6	15.9 / 0.6
	75	-	-	1.3 / 0.3	-	1.3 / 0.3	1.2 / 0.3	1.3 / 0.3	1.3 / 0.3	2.9 / 0.3	11 / 0.4	11 / 0.4
	100	-	-	1 / 0.2	-	1 / 0.2	0.9 / 0.2	1 / 0.2	1 / 0.2	2.3 / 0.2	8.5 / 0.3	8.5 / 0.3
	150	-	-	0.6 / 0.1	-	0.6 / 0.1	0.5 / 0.1	0.6 / 0.1	0.6 / 0.1	1.5 / 0.2	5.6 / 0.2	5.6 / 0.2
	200	-	-	-	-	-	-	-	-	1 / 0.1	4 / 0.2	4 / 0.2
	250	-	-	-	-	-	-	-	-	-	3.1 / 0.1	3.1 / 0.1

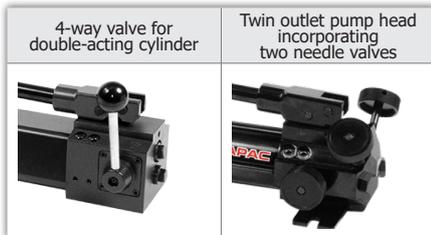
**P-SERIES ALUMINIUM BODIED MANUAL HAND PUMPS**



**OVERVIEW**

The P-Series offers a range aluminum-bodied models, ideal for portable hydraulic power. They support both single and double-acting cylinders, as well as tools. Each pump includes a factory-set safety pressure relief valve and comes pre-filled with hydraulic oil.

**VALVE TYPES**



**SPECIFICATIONS**

Model Number	P-235A	*P-235AT	*P-2100A	P-2100H	P-2200A	P-2200AD
<b>Pump Type</b>	Aluminium Bodied					
<b>Operation</b>	Two Speed	Two Speed	Two Speed	Two Speed	Two Speed	Two Speed
<b>Used with Cylinder</b>	S/A	S/A	S/A	S/A	S/A	D/A
<b>Valve Type</b>	2 Way	Twin Outlet	2 Way	2 Way	2 Way	4 Way
<b>Pressure Rating (bar) 1st/2nd Stage</b>	13.8 / 700	13.8 / 700	14 / 700	28 / 2800	14 / 700	13.8 / 700
<b>Usable Oil Capacity (cc)</b>	350	350	1,000	1,000	2,000	2,000
<b>Oil Volumes per Stroke (cc) 1st/2nd Stage</b>	3.9 / 0.59	3.9 / 0.59	13 / 2.3	13 / 0.7	13 / 2.3	13 / 2.3
<b>Oil Port Thread</b>	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/4"-16UNF	3/8"-NPTF	3/8"-NPTF
<b>Max. Handle Effort (kg)</b>	55	55	40	40	39	38
<b>Approx Dimensions (mm)</b>	L	387	421	539	620	655
	W	142	142	110	146	150
	H	129	129	129	156	135
<b>Weight with Oil (kg)</b>	3.7	3.8	3.5	6.9	6.5	7.5
<b>Cylinder Capacity vs Pump Handle Strokes: mm Movement per Pump Handle Stroke</b>						
<b>Pressure Stage</b>	1st / 2nd	1st / 2nd	1st / 2nd	1st / 2nd	1st / 2nd	1st / 2nd
<b>Cylinder Capacity (ton)</b>	5	6.2 / 1	6.2 / 1	20.8 / 3.7	20.8 / 1	20.8 / 3.7
	10	2.6 / 0.4	2.6 / 0.4	9 / 1.6	9 / 0.4	9 / 1.6
	15	1.9 / 0.3	1.9 / 0.3	6.4 / 1.1	6.4 / 0.3	6.4 / 1.1
	20	1.3 / -	1.3 / -	4.6 / 0.8	4.6 / 0.2	4.6 / 0.8
	25	1.1 / -	1.1 / -	3.9 / 0.7	3.9 / 0.2	3.9 / 0.7
	30	0.9 / -	0.9 / -	3.1 / 0.5	3.1 / 0.2	3.1 / 0.5
	50	-	-	1.8 / 0.3	1.8 / 0.1	1.8 / 0.3
	75	-	-	- / 0.2	-	1.3 / 0.2
	100	-	-	- / 0.2	-	1 / 0.2
	150	-	-	- / 0.1	-	0.6 / 0.1
	200	-	-	-	-	-
250	-	-	-	-	-	

\*Both P-235A & P-235AT come with sealed bladder reservoirs that enable the use of the pump at any operating angle.

**HYDRAULIC PUMPS & POWER UNITS**

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**SPE-35 & 45 SERIES COMPACT TWO SPEED**



**OVERVIEW**

The SPE 35 and 45 series are compact, portable electric power units. These powerful units are lightweight, cost-effective, and offer a variety of valve and pump functionality options to ensure there is a suitable pump for every application. With low amperage draw motors, they are ideal for both field use and indoor applications.



**35-SERIES FEATURES**

1. Steel Oil Reservoir with internal bladder, allows the pump to be used at any angle.
2. Remote Pendant Control 2.5m is standard supply.
3. Electric Commutator Motor 0.35 kW (0.47HP), 230V 50/60Hz, 4.5A.
4. Directional Control Valves Available in manual or solenoid versions to suit single and double acting cylinders.

**45-SERIES FEATURES**

5. One-Piece Alloy Reservoir Designed for lightweight durability
6. Remote Pendant Control 2.5m is standard supply
7. Electric Commutator Motor 0.45 kW (0.6HP), 230V 50/60Hz, 4.5A
8. Directional Control Valves Available in manual or solenoid versions to suit single and double acting cylinders
9. Pressure Gauge 63 mm diameter, 0-1,000 bar as standard
10. Reservoir Sight Gauge Allows monitoring of oil level

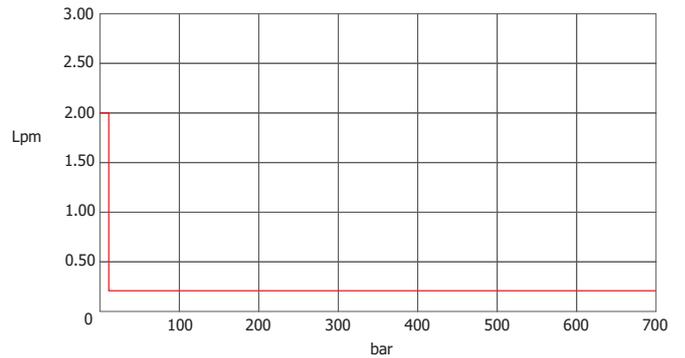
**VALVE TYPES**

The SPE 35 and 45 series power units are configured with a number of valve and pump functionality options to ensure that there is a suitable power unit for every application.

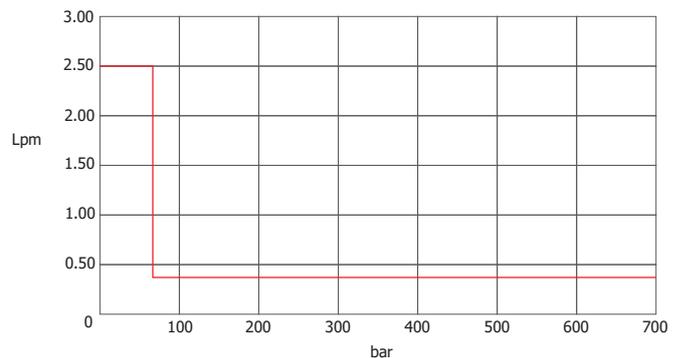


**PERFORMANCE**

**SPE35**



**SPE45**



**SPE-35 SERIES COMPACT TWO SPEED**

**SPECIFICATIONS**

Model Number	SPE3502NC	SPE3502NO	SPE3502AR	SPE3501AR	SPE3502IN	SPEM35024
Series / Type	35 Series - Two Speed					
Valve Type Sol. = Solenoid Man. = Manual	Sol. Pressure Hold type	Sol. Auto Retract type	Internal "Pop Off" valve, Auto Retract type		Sol. Pressure Hold type	4w/3p Man.
Used with Cylinder	S/A	S/A	S/A		S/A	D/A
Electric Motor (230V 50/60 Hz)	Commutator type					
Pressure Rating (bar)	700	700	700	700	700	700
Motor kW @ 2,000 rpm	0.35	0.35	0.35	0.35	0.35	0.35
Voltage	230	230	230	230	230	230
Amps	2.5	2.5	2.5	2.5	2.5	2.5
Flow Rate (Lpm) 10 bar	2	2	2	2	2	2
Flow Rate (Lpm) 700 bar	0.2	0.2	0.2	0.2	0.2	0.2
Pressure Gauge Fitted	NO	NO	NO	NO	NO	NO
Remote Pedant	Remote ON/OFF	Remote ON/OFF	Remote ON/OFF	Remote ON/OFF	Remote ON/OFF	Remote ON/OFF
Usable Oil Capacity (L)	1.6	1.6	1.6	1	1.6	1.6
Cylinder/Pump Function	"Advance" when ON switch is pressed and the motor starts, Release ON switch to "Hold" and stop the motor, "Retract" when OFF switch is pressed. Cylinder can not be stopped on "Retract"	"Advance" when ON switch is pressed and the motor starts, Auto "Retract" when ON switch is released. The optional pressure switch allows the cylinder to be stopped at set pressure and return automatically	"Advance" when ON switch is pressed and the motor starts. Pop Off relief valve will indicate full pressure. Auto "Retract" when ON switch is released		"Advance" when ON switch is pressed and the motor starts, Release ON switch to "Hold" and stop the motor, "Retract" when OFF switch is pressed. Cylinder can be stopped on "Retract"	When ON switch is pressed, motor will start. When ON switch is released, motor will stop. Advance, Hold, Retract via manual valve
Approx Dimensions (mm)	400 L x 140 W x 140 H					
Weight (kg)	8.7	8.7	8.4	8.2	9	9.7
<b>Piston Rod Speed (mm/sec) Under the Given Force (10-200 tons)</b>						
Pressure Stage		1st / 2nd				
Cylinder Capacity (ton)	10	23 / 2				
	15	16 / 1.6				
	20	12 / 1.2				
	25	10 / 1				
	30	8 / 0.8				
	50	4 / 0.4				
	75	3 / 0.3				
	100	3 / 0.3				
	150	-				
200	-					

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**SPE-45 SERIES COMPACT TWO SPEED**



**SPECIFICATIONS**

Model Number	SPEM4505M	SPEM4505ML	SPEM45053	SPEM45053L	SPES4505NC	SPES4505NCL	SPES4505NO	SPES4505NOL	SPEM45054	SPEM45054L	SPES45054SP	SPES45054SPL	SPES45054WP	SPES45054WPL	
Series / Type	45 Series - Two Speed														
<b>Valve Type</b> Sol. = Solenoid Man. = Manual	Basic		3w/2p Man.		3w/2p Sol.		2w/2p Sol.		4w/3p Man.		4w/3p Sol.		4w/3p Sol.		
<b>Used with Cylinder</b>	S/A		S/A		S/A		S/A		D/A		D/A		D/A		
<b>Electric Motor (230V 50/60 Hz)</b>	Single phase, commutator type, insulation class 120 ("E")														
<b>Pressure Rating (bar)</b>	700		700		700		700		700		700		700		
<b>Motor kW @ 2,000 rpm</b>	0.45		0.45		0.45		0.45		0.45		0.45		0.45		
<b>Voltage</b>	230		230		230		230		230		230		230		
<b>Amps</b>	4.5		4.5		4.5		4.5		4.5		4.5		4.5		
<b>Flow Rate (Lpm) 10 bar</b>	2.5		2.5		2.5		2.5		2.5		2.5		2.5		
<b>Flow Rate (Lpm) 700 bar</b>	0.35		0.35		0.35		0.35		0.35		0.35		0.35		
<b>Pressure Gauge Fitted</b>	YES		YES		YES		YES		YES		YES		YES		
<b>Remote Pedant</b>	MOTOR ON/OFF		MOTOR ON/OFF		Adv/Hold/Retract		MOTOR ON/OFF		MOTOR ON/OFF		Adv/Hold/Retract		Adv/Hold/Retract		
<b>Usable Oil Capacity (L)</b>	2	4	2	4	2	4	2	4	2	4	2	4	2	4	
<b>Cylinder/Pump Function</b>	P.T. manifold, without valve		Advance, Hold, Retract via manual valve		"Advance" when ON switch is pressed and the motor starts, Release ON switch to "Hold" and stop the motor, "Retract" when OFF switch is pressed		"Advance" when ON switch is pressed and the motor starts, Auto "Retract" when ON switch is released		Advance, Hold, Retract via manual valve		"Advance"/"A" port Hold/ "Retract" with stacking type pilot-operated check valve fitted on "A" port line		Advance/Hold/ Retract with stacking type pilot-operated check valve fitted on "A" and "B" port lines. Pressure holding on both "A" and "B" ports		
<b>Approx Dimensions (mm)</b>	<b>L</b>	212	262	212	262	212	262	212	262	212	262	212	262	212	262
	<b>W</b>	212	262	212	262	212	262	212	262	212	262	212	262	212	262
	<b>H</b>	342	342	342	342	342	342	342	342	342	342	342	342	342	342
<b>Weight (kg)</b>	16.3	16.8	18.1	18.6	19.2	19.7	20.5	21.0	18.1	18.6	20.5	21.0	20.5	21.0	
<b>Piston Rod Speed (mm/sec) Under the Given Force (10-200 tons)</b>															
<b>Pressure Stage</b>		<b>1st / 2nd</b>													
<b>Cylinder Capacity (ton)</b>	<b>10</b>	29 / 4													
	<b>15</b>	21 / 3													
	<b>20</b>	15 / 2													
	<b>25</b>	13 / 2													
	<b>30</b>	10 / 1.4													
	<b>50</b>	5 / 0.8													
	<b>75</b>	4 / 0.6													
	<b>100</b>	3 / 0.4													
	<b>150</b>	2.1 / 0.3													
<b>200</b>	1.6 / 0.2														

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**PE-SERIES POWER UNITS**



**OVERVIEW**

The Durapac PE-Series power units are designed for extended-duty applications requiring sustained, reliable hydraulic power.

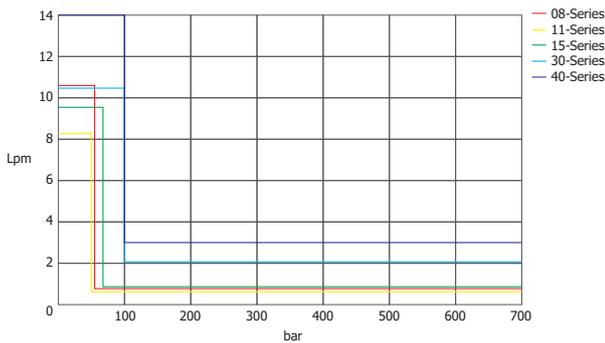
At the heart of every unit is a field-proven pump body featuring precision-machined components and advanced design.

Single-speed radial piston options, delivering up to 8.1 L/min, provide reliable solutions for heavy-duty applications. High-performance automatic two-speed pumps offer the ideal combination of speed and power.

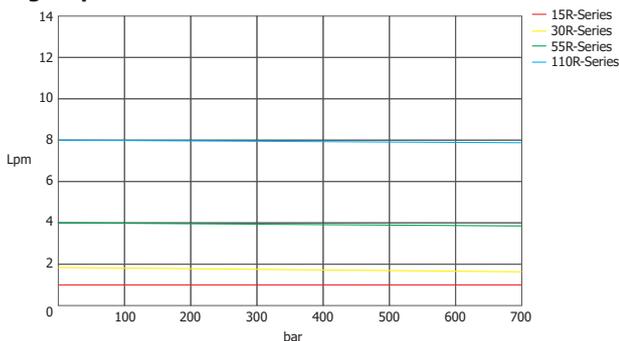
Split-flow power units are perfect for applications requiring synchronised lifting and lowering of loads, regardless of weight distribution.

**PERFORMANCE**

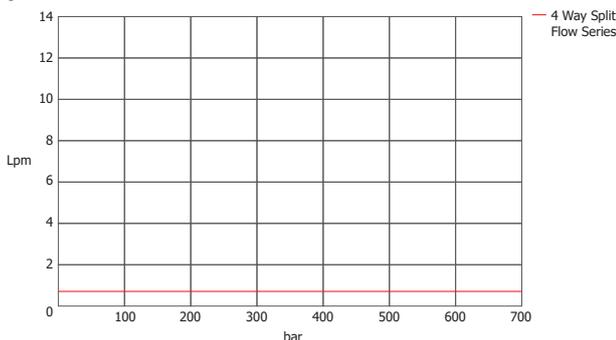
**Two-speed**



**Single-speed**



**Split flow**



**FEATURES**

1. The remote pendant control comes as a standard supply through a 24-volt transformer for 0.84 kW, 1.5 kW, and all solenoid power units
2. The steel oil reservoir provides strength and durability
3. The reservoir sight gauge allows for monitoring the oil level
4. Precision pump bodies are available in a wide range of flow options, including synchronized split flow
5. Electric induction motor options range from 1.5 kW to 11 kW, offering low RPM operation. The 08 Series includes a universal motor suitable for field use
6. Directional control valves are available in manual or solenoid versions to accommodate single and double-acting cylinders
7. An adjustable pressure relief valve is included on all models, with an optional pilot check plate available on most models

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**PE-SERIES TWO SPEED SINGLE PHASE**

**PE08 SERIES – HIGH PERFORMANCE RANGE**

The single-phase 08 Series auto two-speed power units deliver high-performance flow combinations for applications requiring both speed and power.

Each unit features a universal motor, making it ideal for field use with generators. Standard inclusions are a roll frame and a 63 mm diameter pressure gauge.

All models come with an externally adjustable pressure relief valve and a range of directional control valve options to operate both single- and double-acting cylinders and tools.

Models with the "-NV" suffix feature an integrated needle valve, allowing controlled lowering of the 'A' port pressure — ideal for prestressing and post-tensioning applications.



Close-up of PEM8414-NV Needle Valve Block



PEM8414

PEM8424

**PE11 SERIES – IDEAL FOR INDOOR APPLICATIONS (Approx. 80 dBA)**

The single-phase 11 Series power units feature an induction motor that operates quietly (approximately 80 dBA at full pressure), making them well-suited for indoor environments.

Units are available with manual or solenoid valves for controlling both single- and double-acting cylinders and tools.



PES1113



PEM1114

**PE15 SERIES – HIGH FLOW IN A PORTABLE PACKAGE**

The single-phase 15 Series offers 1.5 kW, 230-volt models that run on a standard 10-amp power source, delivering high flow in a compact, portable package.

All power units include an externally adjustable pressure relief valve and directional control valve options for operating single- and double-acting cylinders and tools.

An optional sub-plate style pilot check valve is also available.



PES1513

**PE-SERIES TWO SPEED SINGLE PHASE**



**SPECIFICATIONS**

Model No.	PEM8413	PEM8413-RL*	PEM8414	PEM8414-NV**	PEM8423	PEM8424	PEM8424-NV**	PES8413	PES8414	PES8423	PES8424	PES1113	PES1114	PEM1113	PEM1114	PEM1513	PEM1523	PEM1514	PEM1524	PES1513	PES1523	PES1514	PES1524					
Series	08								11				15															
Type	TWO SPEED																											
Flow Rate (Lpm) 1st/2nd	10.5 / 0.9								8.2 / 0.65				9.5 / 1.1															
Pressure Rating (bar) 1st/2nd	50 / 700								50 / 700				65 / 700															
Used with Cylinder	S/A	S/A	D/A	D/A	S/A	D/A	D/A	S/A	D/A	S/A	D/A	S/A	D/A	S/A	D/A	S/A	S/A	D/A	D/A	S/A	S/A	D/A	D/A					
Motor (kW)	0.84								1.12				1.5															
Voltage (50 Hz)	240								240				240															
Amps	10								8.3				8.3															
Remote Pendant Function 4 mtr	MOTOR ON/OFF								SOLENOID ADV/HOLD/RETRACT				MOTOR ON/OFF				MOTOR ON/OFF				SOLENOID ADV/HOLD/RETRACT							
Valve Type (3/8" NPTF Ports) Sol.= Solenoid Man.= Manual	3w/3p Man.	3w/3p Man.*	4w/3p Man.	4w/3p Man.**	3w/3p Man.	4w/3p Man.	4w/3p Man.**	3w/3p Sol.	4w/3p Sol.	3w/3p Sol.	4w/3p Sol.	3w/2p Sol.	4w/3p Sol.	3w/3p Man.	4w/3p Man.	3w/3p Man.	3w/3p Man.	4w/3p Man.	4w/3p Man.	3w/3p Sol.	3w/3p Sol.	4w/3p Sol.	4w/3p Sol.					
Usable Oil Cap. (L)	7	7	7	7	20	20	20	7	7	20	20	9	9	9	9	10	20	10	20	10	20	10	20					
Approx. Dry Weight (kg)	25				41				27				43				37	38	37	37	46	53	46	53	59	58	51	58
Approx Dimensions (mm)	W	320	320	320	320	368	368	368	320	320	368	368	310	310	310	310	270	300	270	300	270	300	270	300				
	L	400	400	400	400	490	490	490	400	400	490	490	550	550	550	550	410	450	410	450	410	450	410	450				
	H	565	565	565	565	715	715	715	565	565	715	715	500	500	500	500	565	605	565	605	565	605	565	605				
Piston Rod Speed (mm/sec) Under the Given Force (10-500 tons)																												
Pressure Stage	1st / 2nd								1st / 2nd				1st / 2nd															
Cylinder Capacity (ton)	10	120 / 10								95 / 11.3				109 / 13														
	15	86 / 7.5								67 / 7.9				78 / 9.1														
	20	60 / 5.3								47 / 5.5				55 / 6.4														
	25	53 / 4.5								41 / 4.7				48 / 5.5														
	30	41 / 3.6								33 / 3.8				38 / 4.4														
	50	22 / 1.9								18 / 2				21 / 2.4														
	75	16 / 1.5								13 / 1.5				15 / 1.8														
	100	13 / 1.1								10 / 1.3				12 / 1.4														
	150	8 / 0.7								7 / 0.8				8 / 0.9														
	200	6 / 0.5								5 / 0.6				6 / 0.7														
	250	4 / 0.4								3.7 / 0.4				4.3 / 0.5														
	300	3 / 0.3								3 / 0.3				3.5 / 0.4														
400	3 / 0.2								2.4 / 0.2				2.8 / 0.3															
500	2.3 / 0.2								1.9 / 0.2				2.2 / 0.3															

**Note:**

- \* Complete with return line
- \*\* Complete with needle valve and 45-degree elbow

**PE-SERIES TWO SPEED 3 PHASE**



**PE30 & 40 SERIES – HEAVY DUTY RANGE**

The Durapac auto two-speed power unit range is built for reliable performance in demanding industrial applications.

Heavy-duty pumps in the 30 and 40 Series are available in three-phase 3 kW and 4 kW versions, making them ideal for operating medium to large tonnage cylinders and hydraulic systems.

All power units feature an externally adjustable pressure relief valve and offer a range of directional control valve options to operate both single- and double-acting cylinders and tools.

An optional sub-plate style pilot check valve is also available.

**OPTIONAL ACCESSORIES**

**Roll Frame & Wheel Set:**

To order the optional Roll Frame & Wheel Set: Add Item "DPFABUND" when ordering an auto two speed power unit with a 10L or 20L Oil Reservoir Add Item "DPFA60" when ordering an auto two speed power unit with a 50L Oil Reservoir



PES3054-WR with optional wireless remote



PEM4054



**VALVE TYPES**

Manual		Solenoid
4 Way/3 Position directional control valve for controlling double acting cylinders.	3 Way/3 Position directional control valve for controlling single acting cylinders.	3 and 4 Way/3 Position directional control valve for remote actuation of cylinders.

**PE-SERIES TWO SPEED 3 PHASE**

**SPECIFICATIONS**

Model No.	PEM3023	PEM3053	PEM3024	PEM3054	PES3023	PES3053	PES3024	PES3054	PEM4023	PEM4053	PEM4024	PEM4054	PES4023	PES4053	PES4024	PES4054	
Series	30								40								
Type	RADIAL TWO SPEED 3 PHASE																
Flow Rate (Lpm) 1st/2nd	10.5 / 2.1								14 / 3								
Pressure Rating (bar) 1st/2nd	100 / 700								110 / 700								
Used with Cylinder	S/A	S/A	D/A	D/A	S/A	S/A	D/A	D/A	S/A	S/A	D/A	D/A	S/A	S/A	D/A	D/A	
Motor (kW)	3								4								
Voltage (50 Hz)	415								415								
Amps	6.3								8.85								
Remote Pendant Function 4 mtr	ON/OFF/JOG				SOLENOID ADV/ HOLD/RETRACT				ON/OFF/JOG				SOLENOID ADV/ HOLD/RETRACT				
Valve Type (3/8" NPTF Ports) Sol.= Solenoid Man.= Manual	3w/3p Man.	3w/3p Man.	4w/3p Man.	4w/3p Man.	3w/3p Sol.	3w/3p Sol.	4w/3p Sol.	4w/3p Sol.	3w/3p Man.	3w/3p Man.	4w/3p Man.	4w/3p Man.	3w/3p Sol.	3w/3p Sol.	4w/3p Sol.	4w/3p Sol.	
Usable Oil Cap. (L)	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	
Approx. Dry Weight (kg)	71	78	71	100	77	84	77	84	80	87	80	87	86	93	86	93	
Approx Dimensions (mm)	W	320	530	320	530	320	530	320	530	320	530	320	530	320	530	320	530
	L	450	855	450	855	450	855	450	855	450	855	450	855	450	855	450	855
	H	560	640	560	640	560	640	560	640	560	640	560	640	560	640	560	640
Piston Rod Speed (mm/sec) Under the Given Force (10-500 tons)																	
Pressure Stage	1st / 2nd								1st / 2nd								
Cylinder Capacity (ton)	10	121 / 24								161 / 35							
	15	86 / 17								115 / 25							
	20	61 / 12								81 / 17							
	25	53 / 11								70 / 15							
	30	42 / 8.3								56 / 12							
	50	23 / 4.5								30 / 6.5							
	75	17 / 3.4								23 / 4.9							
	100	13 / 2.6								18 / 3.8							
	150	8.8 / 1.8								12 / 2.5							
	200	6.6 / 1.3								8.8 / 1.9							
	250	4.8 / 1								6.4 / 1.4							
	300	3.8 / 0.8								5.1 / 1.1							
400	3.1 / 0.6								4.2 / 0.9								
500	2.4 / 0.5								3.2 / 0.7								

\* To order the optional wireless remote version, add the suffix "-WR" to the model number.

HYDRAULIC PUMPS & POWER UNITS

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**PE-SERIES RADIAL SINGLE SPEED RANGE**



**PE15, 30, 55, 110 SERIES**

The single-speed radial piston power units offer a range of flow and power options to suit various industrial applications.

These units are designed for heavy-duty use, delivering flows from 0.95 L/min to 8.10 L/min at 700 bar pressure.

Valve options for operating single- and double-acting cylinders are available with manual or solenoid control.



PESR5554

**OPTIONAL ACCESSORIES**

**Roll Frame & Wheel Set:**

To order the optional Roll Frame & Wheel Set: Add Item "DPFABUND" when ordering a single speed power unit with a 20L Oil Reservoir Add Item "DPFA60" when ordering a single speed power unit with a 50L Oil Reservoir



PESR3024

**VALVE TYPES**

Manual		Solenoid
4 Way/3 Position directional control valve for controlling double acting cylinders.	3 Way/3 Position directional control valve for controlling single acting cylinders.	3 and 4 Way/3 Position directional control valve for remote actuation of cylinders.

**PE-SERIES RADIAL SINGLE SPEED RANGE**



**SPECIFICATIONS**

Model No.	PEMR1523	PEMR1524	PESR1523	PESR1524	PEMR3023	PEMR3024	PESR3023	PESR3024	PEMR5553	PEMR5554	PESR5553	PESR5554	PEMR11103	PEMR11104	PESR11103	PESR11104	
Series	15				30				55				110				
Type	RADIAL SINGLE SPEED SINGLE PHASE				RADIAL SINGLE SPEED 3 PHASE												
Flow Rate (Lpm)	0.95				1.75				3.97				8.1				
Pressure Rating (bar)	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	
Used with Cylinder	S/A	D/A	S/A	D/A	S/A	D/A	S/A	D/A	S/A	D/A	S/A	D/A	S/A	D/A	S/A	D/A	
Motor (kW)	1.5	1.5	1.5	1.5	3	3	3	3	5.5	5.5	5.5	5.5	11	11	11	11	
Voltage (50 Hz)	240	240	240	240	415	415	415	415	415	415	415	415	415	415	415	415	
Amps	8.3	8.3	8.3	8.3	6.3	6.3	6.3	6.3	11.3	11.3	11.3	11.3	19.8	19.8	19.8	19.8	
Remote Pendant Function 4 mtr	MOTOR ON/OFF		SOLENOID ADV/HOLD/RETRACT		MOTOR ON/OFF		SOLENOID ADV/HOLD/RETRACT		ON/OFF/JOG		SOLENOID ADV/HOLD/RETRACT		TBA		SOLENOID ADV/HOLD/RETRACT		
Valve Type Sol.= Solenoid Man.= Manual	3w/3p Man.	4w/3p Man.	3w/3p Sol.	4w/3p Sol.	3w/3p Man.	4w/3p Man.	3w/3p Sol.	4w/3p Sol.	3w/3p Man.	4w/3p Man.	3w/3p Sol.	4w/3p Sol.	3w/3p Man.	4w/3p Man.	3w/3p Sol.	4w/3p Sol.	
Usable Oil Cap.(L)	20	20	20	20	20	20	20	20	50	50	50	50	100	100	100	100	
Approx. Dry Weight (kg)	53	53	59	59	55	55	61	61	99	99	105	105	TBA	TBA	TBA	TBA	
Approx Dimensions (mm)	W	320	320	320	320	320	320	320	320	270	270	270	270	TBA	TBA	TBA	TBA
	L	450	450	450	450	450	450	450	450	440	440	440	440				
	H	560	560	560	560	560	560	560	560	750	750	750	750				
Piston Rod Speed (mm/sec) Under the Given Force (10-500 tons)																	
Pressure Stage	1st				1st				1st				1st				
Cylinder Capacity (ton)	10	11			20			46			93						
	15	7.8			14			33			67						
	20	5.5			10			23			47						
	25	4.8			8.8			20			41						
	30	3.8			6.9			16			32						
	50	2.1			3.8			8.6			18						
	75	1.5			2.8			6.5			13						
	100	1.2			2.2			5			10						
	150	0.8			1.5			3.3			6.8						
	200	0.6			1.1			2.5			5.1						
	250	0.4			0.8			1.8			3.7						
	300	0.3			0.6			1.5			3						
400	0.3			0.5			1.2			2.4							
500	0.2			0.4			0.9			1.8							

\* To order the optional wireless remote version, add the suffix "-WR" to the model number.

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**PE-SERIES RADIAL SINGLE SPEED SPLIT FLOW**



**PE15, 40 & 75 SERIES – SPLIT FLOW**

The split flow power unit enables synchronised lifting and lowering of loads, regardless of weight distribution.

Power is supplied by a single electric motor driving a single pump body with four pressure outlets. Each outlet delivers identical oil flow with every revolution of the motor, ensuring consistent performance.

This unit provides a simple and effective solution for critical lifting and lowering applications. Manual valve options for double-acting cylinders are standard, with solenoid control available as an option.

Durapac also offers other split flow configurations, including 2-way, 6-way, and 8-way models.



PEMS4054



PEMS4052

All models (excluding 300L) include a roll frame and wheel set



PEMS751006



PEMS7554

**PE-SERIES RADIAL SINGLE SPEED SPLIT FLOW**

**SPECIFICATIONS**

Model No.	PEMS154	PEMS4052	PEMS4054	PEMS401004	PEMS753004	PEMS7554	PEMS751004
Series	15	40			75		
Type	RADIAL SINGLE SPEED SINGLE PHASE SPLIT FLOW		RADIAL SINGLE SPEED 3 PHASE SPLIT FLOW				
Flow Rate (Lpm)	4 x 0.23	2 x 1.46	4 x 0.73	4 x 0.73	4 x 1.14	4 x 1.14	4 x 1.14
Pressure Rating (bar)	700	700	700	700	700	700	700
Used with Cylinder	D/A	S/A	D/A	D/A	D/A	D/A	D/A
Motor (kW)	1.5	4	4	4	7.5	7.5	7.5
Voltage (50 Hz)	240	415	415	415	415	415	415
Amps	8.3	8.85	8.85	8.85	15.00	15.00	15.00
Remote Pendant Function 4 mtr	ON/OFF/ JOG		ON/OFF/JOG				
Valve Type Sol.= Solenoid Man.= Manual	4w/3p Man.	2w/2p Man.	4w/3p Man.	4w/3p Man.	4w/3p Man.	4w/3p Man.	4w/3p Man.
Usable Oil Cap.(L)	50	50	50	100	300	50	100
Approx. Dry Weight (kg)	170	180	180	190	270	210	220
Approx Dimensions (mm)	W	530	530	530	530	1120	530
	L	855	855	855	855	1210	855
	H	710	710	710	710	820	900
<b>Piston Rod Speed (mm/sec) Under the Given Force (10-500 tons)</b>							
Pressure Stage		1st	1st	1st	1st	1st	1st
Cylinder Capacity (ton)	10	11	*	8.4	8.4	*	*
	15	7.8	*	6	6	*	*
	20	5.5	*	4.2	4.2	*	*
	25	4.8	*	3.7	3.7	*	*
	30	3.8	*	2.9	2.9	*	*
	50	2.1	*	1.6	1.6	*	*
	75	1.5	*	1.2	1.2	*	*
	100	1.2	*	0.9	0.9	*	*
	150	0.8	*	0.6	0.6	*	*
	200	0.6	*	0.5	0.5	*	*
	250	0.4	*	0.3	0.3	*	*
	300	0.3	*	0.3	0.3	*	*
	400	0.3	*	0.2	0.2	*	*
500	0.2	*	0.2	0.2	*	*	

\* To order the optional wireless remote version, add the suffix "-WR" to the model number.

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**BP-SERIES BATTERY POWER UNITS**



**OVERVIEW**

The BP-series is a lightweight but heavy duty industrial platform battery pump designed to operate a range of single and double acting tools including cylinders, crimping and cutting tools, nut splitters, and most other tools operating at 700 bar working pressure. The BP-150A can operate double acting hydraulic torque wrenches in semi automatic or manual mode, as well as single and double acting tools simply by selecting the appropriate mode. Both pumps feature a powerful disk motor and come complete with Bluetooth wireless remote, a corded remote, and an external battery charger.



BP-114A

BP-150A



**FEATURES BP-SERIES**

1. Internally fitted battery 50.4 VDC, 7830 mAh, which is sufficient for a full day.
2. Advance port fitted with CEJN 116 female coupling, retract port fitted with CEJN 115 male coupling.
3. Wired remote 2.5 metre.
4. External charger 230 volt plug-in type.
5. Durable design rugged and heavy duty plastic housing with carry handle.
6. Pressure indicator digital gauge.
7. Control panel for pressure adjustments and mode selection.
8. Bluetooth remote 10 meter range.

**SPECIFICATION**

Model	BP114A	*BP150A
<b>Pump Type</b>	Single-stage three-cylinder radial piston pump	Single-stage three-cylinder radial piston pump
<b>Mode</b>	<b>Single Acting</b>	<b>Double Acting</b>
<b>Oil Flow</b>	0.42 - 1.02 L / min. (nominal)	0.97 - 1.99 L / min. (nominal)
<b>Max. Oil Volume (approx.)</b>	1,400 cc	1,400 cc
<b>Usable Oil Volume (approx.)</b>	1,000 cc	1,000 cc
<b>Maximum Pressure</b>	700 bar	700 bar
<b>Oil Type</b>	Durapac Hydraulic Oil (DHO-10L)	Durapac Hydraulic Oil (DHO-10L)
<b>Drive</b>	DC motor 60 volts	DC motor 48 Volts (max. 58 V)
<b>Motor Peak Power</b>	1,400 Watts	4,000 Watts
<b>Battery Capacity</b>	6.3 Ah - (max 67 V)	7,830 mAh
<b>Dimensions W x L x H (approx.)</b>	185 x 250 x 270 mm	185 x 250 x 270 mm
<b>Weight (approx.)</b>	7.15 kg	9 kg
<b>Power Supply Unit</b>	primarily 230 V ~, secondary 60 V, 3 A	primarily 230 V ~, secondary 24 V, 5 A
<b>Max. Operating Conditions</b>	-20 ° C to + 40 ° C	-20 ° C to + 40 ° C
<b>Environmental Conditions</b>	0 to 100% rel. humidity	0 to 100% rel. humidity
<b>Degree of Protection According to EN 60529</b>	IP23	IP23
<b>Operating Mode Intermittent Operation</b>	30% ED	30% ED

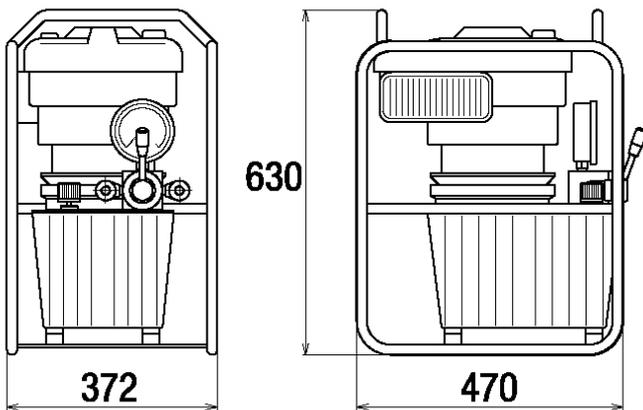
\* The BP-150A has a torque wrench mode and is ideal for wrench applications where portability is paramount.

**PPM2014 HIGH PRESSURE PETROL PUMP**

**DURAPAC**

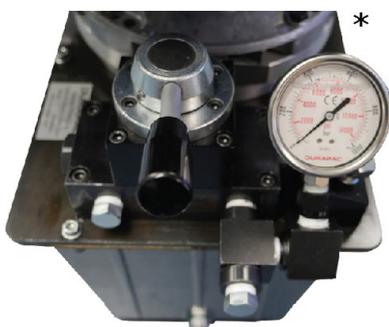
**OVERVIEW**

This powerful 4 stroke high pressure hydraulic pump is equipped with a protection cage that makes it easier to move and lift, protecting it in construction sites. With a large 10 litre aluminium reservoir it is capable of use with a wide range of equipment. Reduced maintenance and designed to last.



**FEATURES**

- Powerful Honda GXV 2.6 KW 4 stroke petrol engine
- Aluminium 10 litre oil reservoir
- Rugged tubular protection cage
- 4 way 3 position double acting manual directional valve with internal check valve
- Fast 4.5 litre minute first stage oil flow and 1.8 litre minute at 700 bar (10,000PSI)



**SPECIFICATION**

Model No.	Motor Type/ Brand	Hydraulic Pressure (bar)	Hydraulic Reservoir Capacity (L)	Motor Fuel	Motor Power (kW/RPM)	Dimensions Outside Frame (mm) LxWxH	Weight incl. oil & frame (kg)
<b>PPM2014</b>	4-Stroke / Honda	700	10	Petrol	2.6 / 3,000	470x372x630	47

\*Image Includes Optional Accessories - Pressure Gauge and Gauge Adaptors

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## PHS-SERIES HYDROSTATIC POWER UNITS

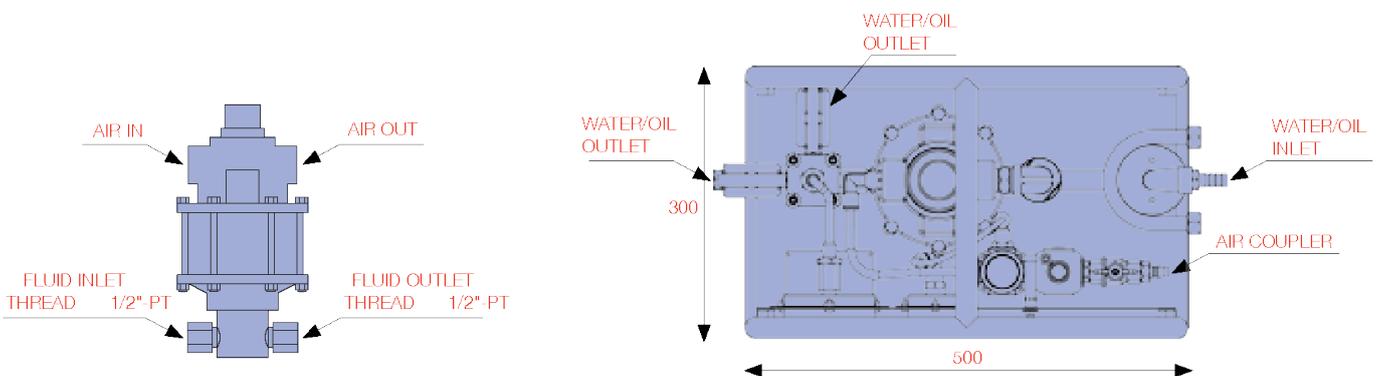


### OVERVIEW

The PHS-Series are air-operated hydrostatic power units that work with either water or oil. These self-contained units are compact and robust and operate at either 300 or 700 bar. They come complete with air filter, regulator, lubricator, air/hydraulic pressure gauges, outlet pressure connection block, release valve, and interconnecting pipework. The equipment is mounted inside a stainless steel frame, and the power unit is ideally suited to hydrostatic testing, operation of hydraulic valve actuators, clamping, and tensioning tools.

### FEATURES

1. Strainer filter supplied on fluid inlet
2. Filter, regulator, and lubricator are supplied on the air inlet
3. Air pressure gauge to monitor working air pressure
4. Liquid-filled hydrostatic pressure gauge, scale is bar/psi
5. Stainless steel base and frame resist corrosion and allow for easy handling
6. Water/oil outlets fitted with a 3/8"-18NPTF needle valve to allow greater control



### SPECIFICATIONS

Model Number	Compression Ratio	Output Oil/Water Flow Rate (cm <sup>3</sup> /stroke)	Pressure Rating (bar)	Working Air Pressure (bar)	Weight (kg)	Water/Oil Inlet Thread	Approx. Dimensions (mm)
PHS-300	1:60	6.4	300	5~7	25	3/8"-18NPTF	500 W x 300 L x 420 H
PHS-700	1:150	2.5	700	5~7	25	3/8"-18NPTF	500 W x 300 L x 420 H

**PHS-SERIES HYDROSTATIC POWER UNITS**

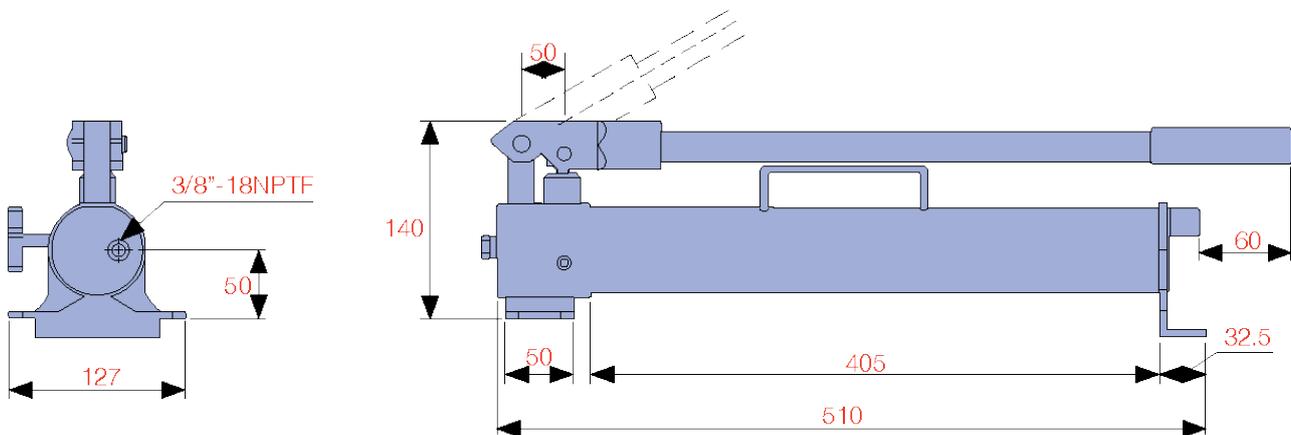
**DURAPAC**

**OVERVIEW**

The PHS-1900 is a manually operated hydrostatic power unit that works with either water or oil. Special steels and rust-proofing treatments allow the unit to be used in test applications using water as the hydraulic medium. It is a single-speed pump and is fitted with a high-pressure safety relief valve set at 700 bar. A reservoir fill plug allows the use of an additional reservoir if more volume is required.

**FEATURES**

1. Cushioned handle for operator comfort
2. Treated steel prevents corrosion
3. Fill plug allows the use of an additional reservoir
4. Mounting holes for permanent installations
5. Carry handle for convenience
6. Robust construction for industrial applications
7. Pressure outlet 3/8"-NPTF
8. Pressure release valve with fine metering control
9. Safety valve factory set to 700 bar



**SPECIFICATIONS**

Model Number	Used with Cylinder	Pressure Rating (bar)	Usable Water Capacity (cc)	Water Volume per Stroke (cc)	Outlet Port Thread	Weight (kg)
PHS-1900	S/A	700	900	2.3	3/8"-NPTF	6.45

HYDRAULIC PUMPS & POWER UNITS

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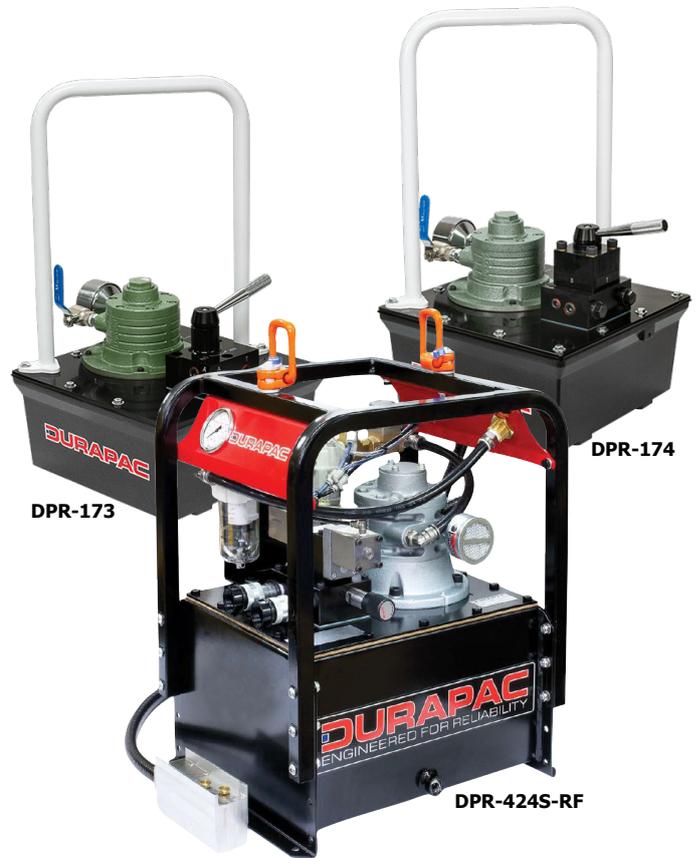
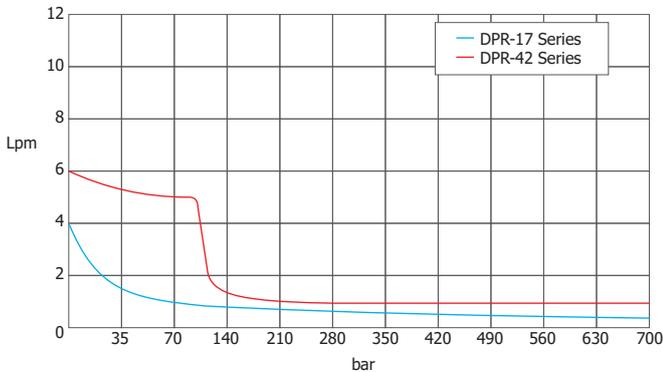
**DPR-SERIES ROTARY AIR DRIVEN POWER UNITS**



**OVERVIEW**

The DPR-Series rotary air-driven power units are a **two-speed**, high-performance pump design. They are ideally suited for applications where air is the preferred power source. A variety of valve configurations allows them to be used with single or double-acting cylinders and tools. Optional valve sub-plates offer pressure and flow control. All -RF models feature a heavy duty roll frame, panel mount 63mm diameter pressure gauge, pneumatic FRL set and rated lifting eyes. All models with a solenoid valve include a remote pendant.

**PERFORMANCE**



**SPECIFICATIONS**

Model No.	DPR-173	DPR-174	DPR-173S	DPR-174S	DPR-173SD	DPR-423-RF	DPR-424-RF	DPR-423S-RF	DPR-424S-RF
Used with Cylinder	S/A	D/A	S/A	D/A	S/A	S/A	D/A	S/A	D/A
Motor (kW)	1.27	1.27	1.27	1.27	1.27	4	4	4	4
Usable Oil Capacity (L)	7.2	7.2	7.2	7.2	7.2	15	15	15	15
Max. Pressure Rating (bar)	700	700	700	700	700	700	700	700	700
Pressure Rating (bar)	1st	22	22	22	22	90	90	90	90
	2nd	700	700	700	700	700	700	700	700
Oil Output Flow Rate (Lpm)	1st	4	4	4	4	6	6	6	6
	2nd	0.3	0.3	0.3	0.3	0.3	1.3	1.3	1.3
Valve Type	2w/2p Man.	4w/3p Man.	3w/3p Sol.	4w/3p Sol.	4w/2p Sol.	3w/3p Man.	4w/3p Man.	3w/3p Sol.	4w/3p Sol.
Valve Function	ADVANCE/ HOLD*/ RETRACT	ADVANCE/ HOLD/ RETRACT	ADVANCE/ HOLD/ RETRACT	ADVANCE/ HOLD/ RETRACT	DUMP VALVE	ADVANCE/ HOLD/ RETRACT	ADVANCE/ HOLD/ RETRACT	ADVANCE/ HOLD/ RETRACT	ADVANCE/ HOLD/ RETRACT
Air Pressure Range (bar)	5.6 - 7.0	5.6 - 7.1	5.6 - 7.2	5.6 - 7.3	5.6 - 7.4	5.6 - 7.5	5.6 - 7.6	5.6 - 7.7	5.6 - 7.8
Air Consumption (Lpm)	1,246	1,246	1,246	1,246	1,246	2,265 - 4,530	2,265 - 4,531	2,265 - 4,532	2,265 - 4,533
Sound Level (dB)	93	93	93	93	93	93	93	93	93
Approx Dimensions (mm)	W	312	312	312	312	312	370	370	370
	L	312	312	312	312	312	480	480	480
	H	504	504	504	504	504	570	570	570
Weight (kg)	21.5	22	23	23	23	65	65	65	65

\* Hold in advance position with motor off.

**DPRS - CUSTOM BUILD SPLIT FLOW UNIT**



**OVERVIEW**

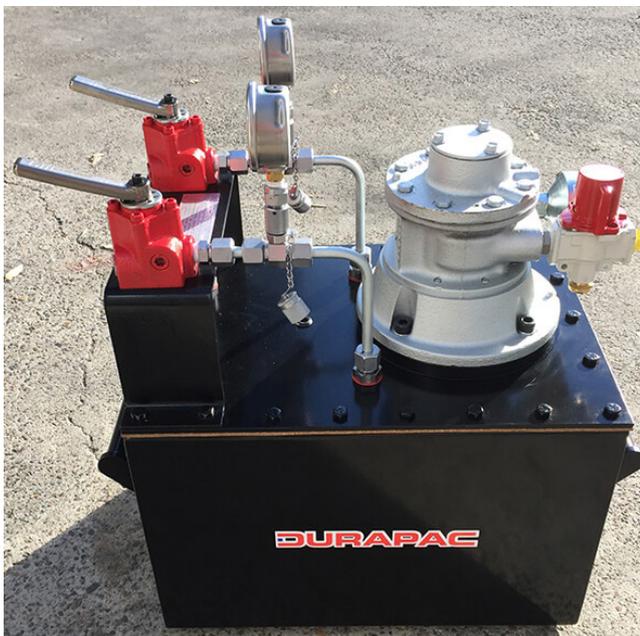
A mining company needed a solution to manoeuvre a large piece of mining equipment. They previously used an old Miners pump to operate the two cylinders, however they could only be operated one at a time, which made the process extremely slow and cumbersome.

The team at Specialised Force, with the assistance of the Durapac engineers, designed an Air-Powered split flow power unit which was constructed with no external Aluminium, to meet mining standards.

The specially designed power unit (Model No. DPRS-4024) has 2 x independent outlets, each 0.5L per min flow, both fitted with an all steel directional control valve.

The design enabled the technicians to operate the two double acting cylinders at the same time, instead of one or the other.

The Specialised Force team were able to utilise the mine's current cylinders so that they not only saved money with the reduction in time, but also saving cost for extra equipment.



**HYDRAULIC PUMPS & POWER UNITS**

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**DPA-SERIES AIR DRIVEN HYDRAULIC PUMPS**



**OVERVIEW**

The DPA-Series **Single Acting** Power Units are the standard workhorses of the range. Each unit features a 3-position treadle with advance, hold, and retract functions, dust cover protection for the release control valve, and a reinforced metal oil reservoir.

**FEATURES**

Recommended air pressure range 3 - 10 bar	Choice of 1.6, 1.8, 3.5, 4.6 & 7.5 L usable oil reservoirs	3 position treadle for adv/hold/retract functions	3.5, 4.6 & 7.5 L reservoirs are made from durable steel
4 way directional control valve to operate double acting cylinders	Release detent function enhances productivity	Remote actuation for adv/hold/retract functions	Convenient carry handle included



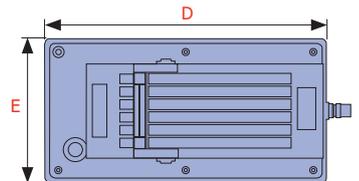
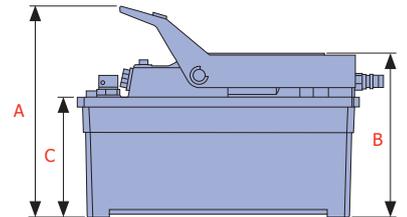
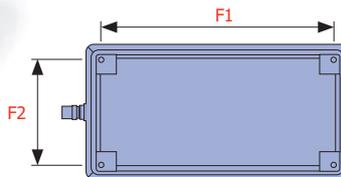
**DPA-18**



**DPA-78**

**BASE PLATE DIMENSIONS**

Model No.	F1*F2	Hole Thread Size
<b>DPA-16</b>	233*105	M5
<b>DPA-16D</b>	234*107	M5
<b>DPA-16R</b>	234*107	M5
<b>DPA-18</b>	228*102	M5



**SPECIFICATIONS**

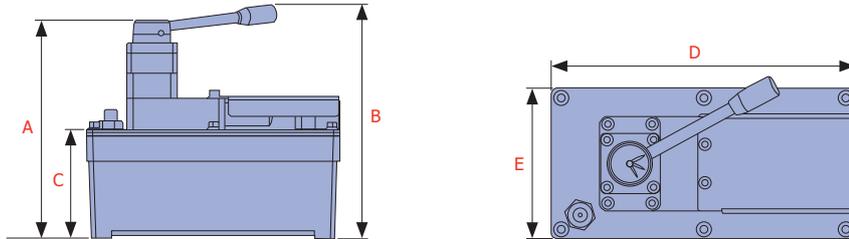
Model Number	DPA-16	DPA-16D	DPA-16R	DPA-18	DPA-40	DPA-40D	DPA-40R	DPA-50	DPA-50D	DPA-50R	DPA-78	DPA-78D	DPA-78R
Used with Cylinder	S/A	D/A	S/A	S/A	S/A	D/A	S/A	S/A	D/A	S/A	S/A	D/A	S/A
Usable Oil Capacity (cc)	1600	1600	1600	1800	3500	3500	3500	4600	4600	4600	7500	7500	7500
Pressure Rating (bar)	700	700	700	700	700	700	700	700	700	700	700	700	700
Output Flow Rate (cm <sup>3</sup> /min)	No Load	1220	1220	1220	1200	1220	1220	1220	1220	1220	1220	1220	1220
	Load	95	95	95	160	95	95	95	95	95	95	95	95
Air Pressure Range (bar)	3 - 8	3 - 8	3 - 8	6 - 10	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8	3 - 8
Dimensions (mm)	A	200	220	240	225	195	217	195	217	240	195	217	240
	B	148	236	204	171	152	233	180	152	233	204	152	237
	C	113	113	110	131	110	110	110	110	110	110	110	110
	D	255	263	263	260	330	330	330	372	372	372	422	422
	E	128	136	136	128	190	190	190	231	231	231	281	281
Weight (kg)	6.6	6.6	6.6	8.2	10.4	11.2	10.6	12	14.5	12.6	17.7	18.5	18.6

**DPA-SERIES AIR DRIVEN HYDRAULIC PUMPS**



**OVERVIEW**

The DPA-Series **Double Acting** Hydraulic Power Units are air driven with a 4-way, 3-position manual directional control valve. They are designed for operating double acting, small to medium-sized cylinders and tools.



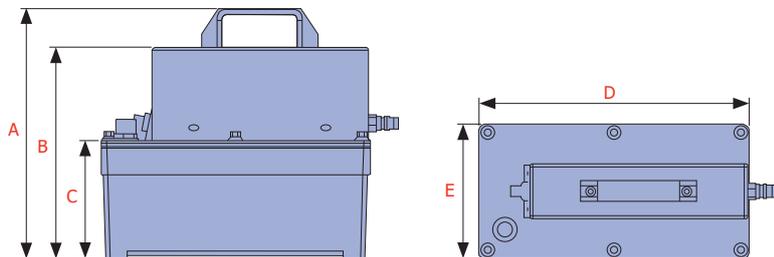
DPA-50D



DPA-16D

**OVERVIEW**

The DPA-Series **Remote Equipped** Hydraulic Power Units are air driven and ideally suited where remote actuation of the power unit is required. The unit operates small to medium-sized single acting cylinders, with advance, hold, and retract functions controlled by a remote pendant with a 2.5 metre lead.

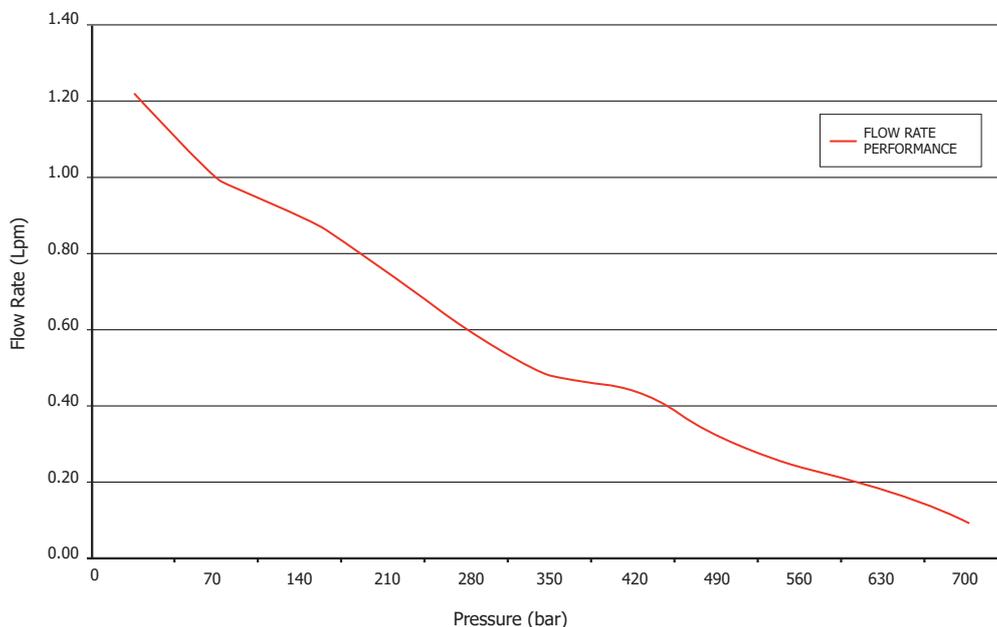


DPA-78R



DPA-16R

**DPA-SERIES PRESSURE VS FLOW RATE**



**HYDRAULIC PUMPS & POWER UNITS**

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**PD-SERIES DIESEL POWER UNITS**



**OVERVIEW**

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. They feature a 50 L usable oil capacity and the reliability of a 3.4 kW Hatz® diesel motor. The transport system is easy to handle and includes an engine control dashboard. PDS models come with 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.

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.

**FEATURES**

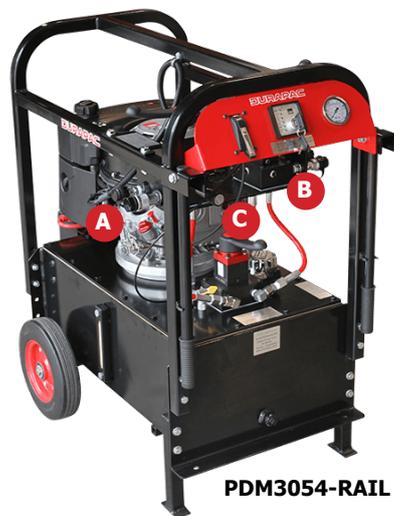
1. 12V battery with isolation switch
  2. 5 litre fuel tank with filter
  3. Recoil start for manual backup
  4. Throttle control lever for manual adjustment
  5. Fuel and oil filter accessible for ease of service
  6. Air-cooled diesel engine, 3.4 kW with variable speed control
  7. Control panel with 12V electric start/stop
  8. Pressure gauge, 63mm panel-mounted, 0-1,000 bar
  8. Shutdown protection for high temperature and low oil pressure
  10. Side exit exhaust silencer with mesh guard
  11. Directional control valves available in manual or solenoid versions to suit single and double-acting cylinders
- A. Tensor Outlet  
B. Weld Shear Outlet  
C. Selector Valve Choose between tensor or weld shear



**PDM3054**



**PDM1724**



**PDM3054-RAIL**

**SPECIFICATIONS**

Model Number	PDM3053	PDM3054	PDS3053	PDS3054	PDM3054-RAIL	PDM1724
<b>kW</b>	3.4	3.4	3.4	3.4	3.4	12.6769
<b>rpm</b>	2,200	2,200	2,200	2,200	2,200	3,600
<b>Flow Rate (Lpm) @ 700 bar</b>	2.5	2.5	2.5	2.5	2.5	2 x 19
<b>Maximum Pressure Rating (bar)</b>	700	700	700	700	700	138
<b>Remote Pendant Function 4 M Lead</b>	N/A	N/A	Solenoid ADV/HOLD/RETRACT	Solenoid ADV/HOLD/RETRACT	N/A	N/A
<b>Valve Type</b>	3w/3p Manual	4w/3p Manual	3w/3p Solenoid	4w/3p Solenoid	"Selector Shear** Tension**"	TBA
<b>Oil Ports Thread</b>	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	3/8"-NPTF	7/8"-14 UNF
<b>Usable Oil Capacity (L)</b>	50	50	50	50	50	19
<b>Approx. Dry Weight (kg)</b>	190	190	190	190	190	240
<b>Approx. Dimensions (mm)</b>	450 W x 750 L x 650 H				TBA	

\* Specify tool working pressure at placement of order

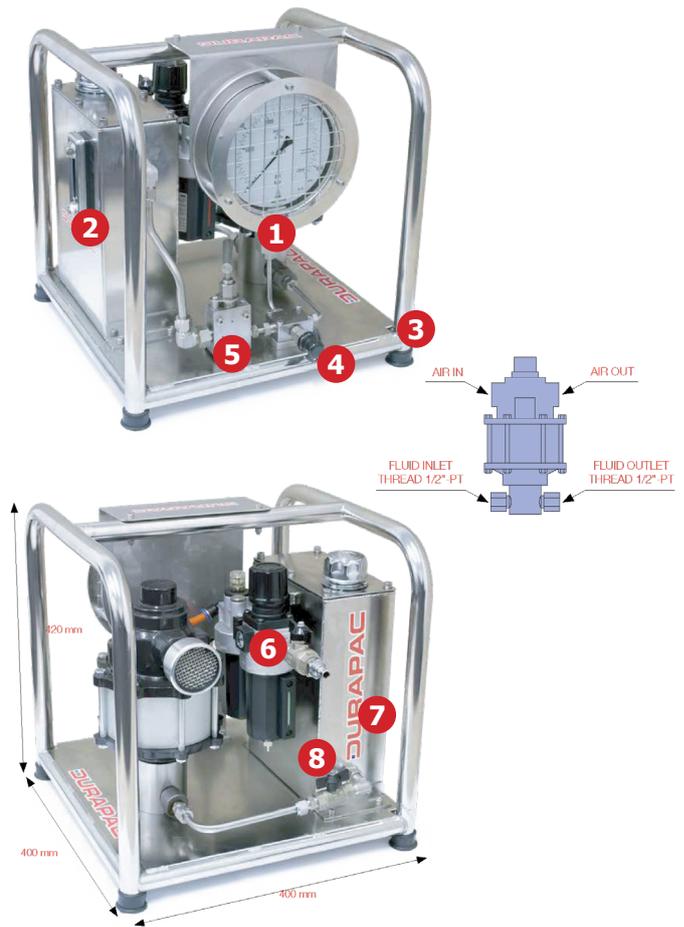
\*\* Specify single or double acting tools at placement of order

**PAMH & PEMH-SERIES POWER UNITS**



**OVERVIEW**

The PAMH & PEMH power units are perfectly designed for bolt tensioning applications utilizing Durapac DBT series bolt tensioners at 1,500 bar. The PAMH1514 is a lightweight single acting pump suited to applications where air is the preferred power source. The PEMH0543 is an electric two speed pump with a 2.8 metre remote hand pendant.



**FEATURES PEMH0543**

1. Electric motor 0.5 kW/220 volt 50-60 Hz universal motor 6.0 amps
2. Liquid filled pressure gauge range is 0-2,500 bar / 0-35,000 psi
3. Adjustable torque control for accurate torque settings
4. Pressure release lever
5. Oil outlet fitted with a 1/4" DBT116M quick release nipple
6. 2.8m remote pendant through a 24 volt transformer for safety. Incorporates motor on/off button
7. Sight glass incorporating a temperature gauge
8. Reservoir capacity 4L

**FEATURES PAMH1514**

1. Liquid filled pressure gauge range is 0-1,600 bar / 0-23,000 psi
2. Sight glass incorporating a temperature gauge
3. Stainless steel base and frame resists corrosion and allows for easy handling
4. Oil outlet fitted with a 1/4" DBT116M quick release nipple
5. Pressure release valve
6. Filter, regulator & lubricator with gauge are supplied on the air inlet
7. Stainless steel reservoir 5.6 litres of usable oil
8. Reservoir on/off valve

**SPECIFICATIONS**

Model Number	kW	Voltage	Hz	Amps	Usable oil Capacity (L)	Pressure Rating (bar)	Flow Rate (Lpm) 30 bar	Flow Rate (Lpm) 1,500 bar	Remote Pendant Function 2.8 mtr	Dimensions (mm)	Weight (kg)
<b>PEMH0543</b>	0.5	220	50/60	6	4	1,500	2	0.13	ON/OFF	180 W x 265 L x 465 H	19
<b>PEMH0543-2K*</b>	0.5	220	50/60	6	4	2,000	2	0.13	ON/OFF	180 W x 265 L x 465 H	19

\* The PEMH0543-2K model operates up to 2,000 bar and is ideal for testing and bolting applications requiring a higher working pressure

Model Number	Used with Cylinder	Pressure Rating (bar)	Compression Ratio	Oil Flow (cm <sup>3</sup> /stroke)	Air Pressure Range (bar)	Air Consumption (Lpm)	Oil Port Thread	Oil Capacity (L)	Dry Weight (kg)
<b>PAMH1514</b>	S/A	1,500	1:310	1.2	5-7	793	G 1/4"	5.6	25

HYDRAULIC PUMPS & POWER UNITS

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**DBTP-1500K 1,500 bar Hand Pump Kit**

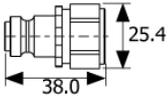
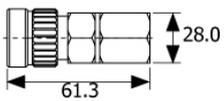


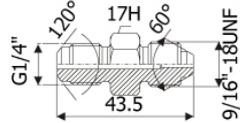
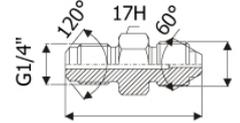
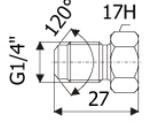
**OVERVIEW**

The DBTP-1500 K is made up of P-2100 H Hand Pump, FGA-2 Gauge Adaptor and PG-100-40K Pressure Gauge. This kit is ideal for single stud or small to medium bolt tensioning applications.



1. PG-100-40K - Liquid Filled Pressure Gauge
2. P-2100H - 2 Speed, 2 Way Hand Pump with Relief Valve set at 1,500 bar
3. FGA-2- Gauge Adaptor (includes connectors)
4. PRESSURE RATING - 1st stage 28 bar, 2nd stage 1,500 bar
5. MAX. HANDLE EFFORT- 25 kg
6. USABLE OIL- 1 Litre
7. OIL PORT T HREAD - 3/4"-16UNF

Model Number	Description	Dimensions
 DBT116M	 Max. W.P 150Mpa Min. B.P 300Mpa Flow at 0.4Mpa pressure 6.0L/min. Material Hardened, zinc chromate plated steel	Connect: G1/4" Weight: 60g Rec. Torque: 40-50Nm Hexagon key handle: 22
 DBT116F	 Max. W.P 150Mpa Min. B.P 300Mpa Flow at 0.4Mpa pressure 6.0L/min. Material Hardened, zinc chromate plated steel	Connect: G1/4" Weight: 165g Rec. Torque: 40-50Nm Hexagon key handle: 24

Model Number	Dimension (mm)	End One	End Two
 DBT14129166I	 G1/4" 120° 17H 60° 43.5 9/16"-18UNF	G1/4" 120°	9/16"-18UNF male thread with 60° internal cone
 DBT14129166E	 G1/4" 120° 17H 60°	G1/4" male thread with 120° external cone	9/16"-18UNF male thread with 60° external cone
 DBT1412SP	 G1/4" 120° 17H 27	G1/4" male thread with 120° external cone	-

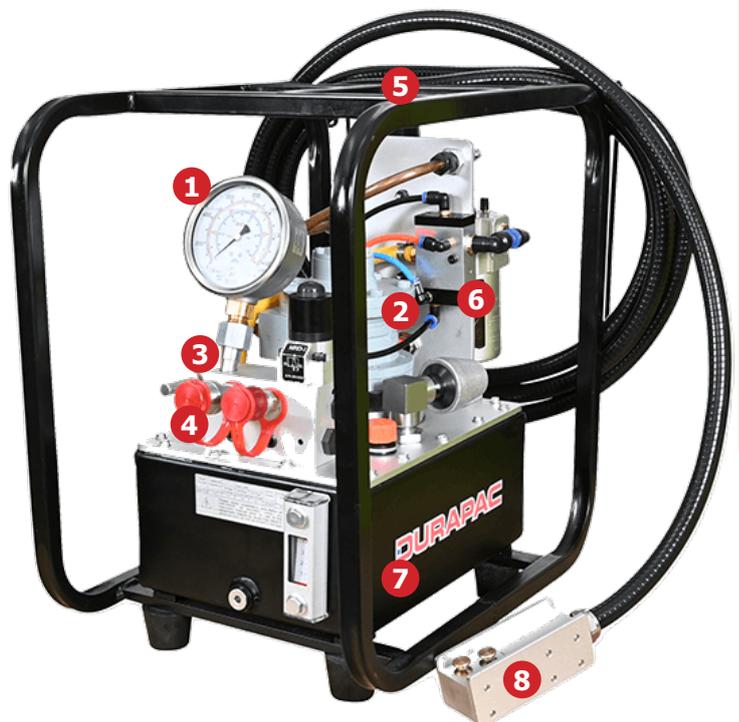
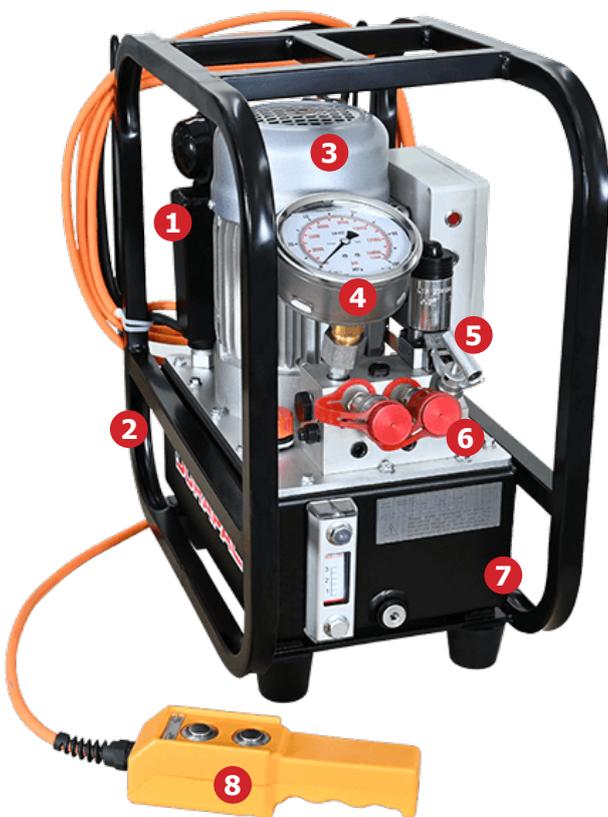
Model Number	Description	End One	End Two
 DBTH-05A*	Inner core: Polyoxymethylene (POM) Outer cover: Polyamide (PA) 4 layers of high-tensile steel wire Inside Diameter: 5.0mm, Outside Diameter: 11.2mm Working Pressure: 1,800bar, Burst Pressure: 4,500bar Minimum Bend Radius: 150mm Weight: 0.26 kg/M	G1/4" Male	G1/4" Male

**DET & DAT-SERIES TORQUE WRENCH POWER UNITS**



**OVERVIEW**

The DET & DAT-Series Torque Wrench Power Units are perfectly designed for operating the TW and LPC-Series hydraulic torque wrenches. They feature a three-stage pump for faster operation under load and incorporate a hydraulic oil cooler, ensuring cool operation during continuous use. A 6-metre remote hand pendant is standard, and one or two tools can be operated simultaneously due to the multi-outlet pump block.



**FEATURES DET-1114**

1. Oil cooler, electric fan-operated for continuous duty operation
2. Roll cage, for portability and protection
3. Electric motor, 1.5 kW/230 Volt 50Hz induction motor, 9.2 amp
4. Liquid-filled pressure gauge, 1% accuracy and recalibratable. Scale in MPa/PSI
5. Adjustable torque control, for accurate torque settings
6. Multiple tool outlets, for operating one or two tools simultaneously
7. 3-stage power unit, for increased speed under load
8. 6m remote pendant, operated through a 24-volt transformer for safety, incorporating motor ON/OFF and ADV/AUTO RETRACT buttons

**FEATURES DAT-1114**

1. Liquid-filled pressure gauge, 1% accuracy, recalibratable. Scale in MPa/PSI
2. Air motor, 2.7 kW Ingersoll Rand®
3. Adjustable torque control, for accurate torque settings
4. Multiple tool outlets, for operating one or two tools simultaneously
5. Roll cage, for portability and protection
6. Air filter/lubricator, for efficient operation
7. 3-stage pump, for increased speed under load
8. Oil cooler, keeps oil cool during heavy-duty operation
8. 6m remote pendant, incorporates motor ON/OFF and ADV/AUTO RETRACT buttons

**DET & DAT-SERIES TORQUE WRENCH POWER UNITS**



**DET-1114**



**DAT-1114**

**SPECIFICATIONS**

Model No.	DET-1114 (Electric)	DAT-1114 (Air)
<b>Pressure Rating (bar)</b>	700	700
<b>Motor</b>	230 Volt / 50Hz	2.7 kW Air
<b>Flow (Lpm) 1st Stage 0-100 bar</b>	8.5	7
<b>Flow (Lpm) 2nd Stage 100-250 bar</b>	2.2	1.6
<b>Flow (Lpm) 3rd Stage 250-700 bar</b>	1.1	0.8
<b>Oil Capacity (L)</b>	5.5	7
<b>Dimension (mm)</b>	340 W x 530 L x 500 H	340 W x 530 L x 500 H
<b>Dry Weight (kg)</b>	28	31.6

**TORQUE WRENCH COUPLINGS**



Model No.	Thread	Description	Suits Tool Model No.
<b>CH-2</b>	1/8"-NPT Male	Male half screw coupling complete with metal dust cap	TW07, TW1, LPC2
<b>CR-2</b>	1/8"-NPT Male	Female half screw coupling complete with metal dust cap	TW07, TW1, LPC2
<b>CS-2</b>	1/8"-NPT Male	Coupling set with metal dust caps includes CH-2 and CR-2	TW07, TW1, LPC2
<b>CH-4</b>	1/4"-NPT Female	Male half screw coupling complete with metal dust cap	TW3 THROUGH TW50 LPC4 THROUGH LPC30
<b>CR-4</b>	1/4"-NPT Male	Female half screw coupling complete with metal dust cap	TW3 THROUGH TW50 LPC4 THROUGH LPC30
<b>CS-4</b>	1/4"-NPT Female & 1/4"-NPT Male	Coupling set with metal dust caps includes CH-4 and CR-4	TW3 THROUGH TW50 LPC4 THROUGH LPC30

**TORQUE WRENCH HOSES**

Model No.	Length (m)	Description
<b>TWH-04</b>	4	Twin hose set to suit torque wrenches complete with CH-4 1/4" NPT male and CR-4 1/4" NPT female screw couplers at both ends. 700 bar working pressure. 2,800 bar min. burst.
<b>TWH-06</b>	6	
<b>TWH-10</b>	10	
<b>TWH-15</b>	15	



TWH hose c/w Durapac Hydraulic Torque Wrench LPC8-90

**THE PEM8414NV & PEM8424NV**

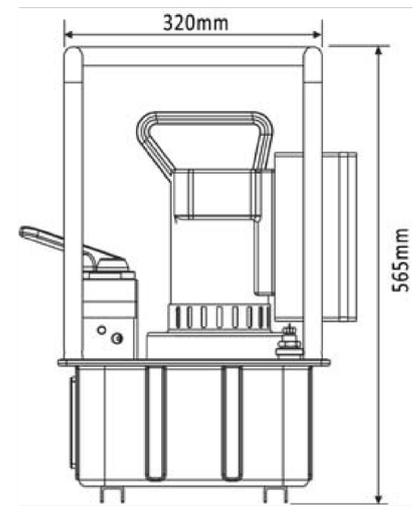
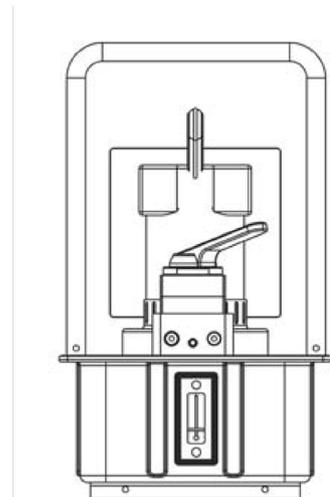


**OVERVIEW**

The PEM8414NV and PEM8424NV auto two speed hydraulic pumps offer high performance for prestressing and post-tensioning applications

**FEATURES**

1. Selector switch, Run/Stop/Remote
2. Push button reset type circuit breakers, fitted as standard to conform to Australian Standards
3. Roll frame, stainless steel, heavy duty
4. Bleed off, integrated bleed-off valve on Port 'A'
5. Low voltage remote pendant, operated through a low-voltage step-down transformer
6. Pressure gauge, 45-degree 3/8" NPT gauge port supplied as standard. 63, 100, and 150mm pressure gauges available upon request
7. Motor, 230VAC universal brush-type motor
8. 4-way 3-position manual valve, for double-acting equipment
9. Hydraulic couplings, not fitted as standard – a variety of coupling options are available
10. Oil level sight gauge, to monitor oil level



**SPECIFICATIONS**

Model Number	Flow Rate (Lpm)		Pressure Rating (bar)		Motor kW	Voltage (50 Hz)	Amps	Remote Pedant Function 4mtr	Valve Type (3/8"-NPTF Ports) Manual	Usable Oil Capacity (L)	Approx. Dry Weight (kg)	Approx. Dimensions (mm)
	1st Stage	2nd Stage	1st Stage	2nd Stage								
PEM8414NV	10.5	0.9	50	700	0.84	230	10	MOTOR ON/OFF	4w/3p Man.	7	25	320 W x 400 L x 565 H
PEM8424NV	10.5	0.9	50	700	0.84	230	10		4w/3p Man.	20	41	368 W x 490 L x 715 H

**HYDRAULIC PUMPS & POWER UNITS**

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