

# > Power Team<sup>®</sup>



## CORDLESS HYDRAULIC PUMP



**Powered By 18**  
**Lithium-Ion VDC**

COMPACT, LI-ION BATTERY-POWERED,  
HIGH PRESSURE HYDRAULIC PUMP

# SPXFLOW<sup>®</sup>

# Compact. Portable. Cordless.

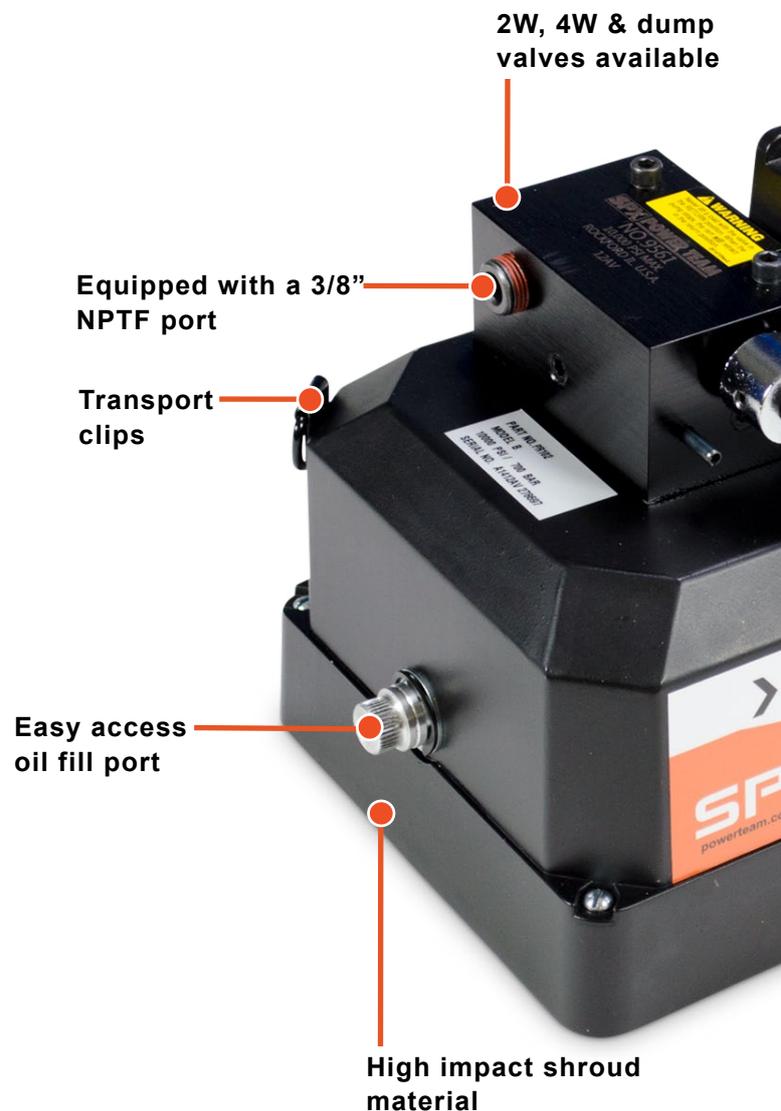
The new Power Team **PB Series Cordless Hydraulic Pump** meets the mark with increased portability, longer run-time, more valve selections and remote “plug and play” control options. The **PB Series pumps** meet a wide array of high-pressure tool applications where **portability and freedom of cordless power** is needed.

Whether it is a spreading, nut splitting, lifting, bending, cutting or crimping application, the Power Team **PB Series Hydraulic Pumps** delivers the power needed to improve productivity while keeping safety in mind.

## Value Delivered:

- 690 Bar, 1,1 liters oil capacity provides ample power to effectively **cover a wide array of applications** and uses for most trades.
- Cordless, **high powered 18VDC** Lithium-Ion 9.0Ah battery pack offers **exceptional run-time**.
- **Lightweight**, only 10,9 Kg, making those tight constraint, remote applications **stress-free**.

## Pump Techno



# Technology At A Glance



PB102 Battery Pump shown

▶ Robust Shoulder Transport Strap Included



▶ “Control Ready” Port Connection Included



▶ Optional Hand or Foot Controls



**Powered By** **18** **VDC**  
**Lithium-Ion**

## Performance you can rely on...

Our new Power Team PB Series Cordless Hydraulic Pump provides ample power for:

**90+**

pulls using a PTPHB-206 Puller



**75+**

spreads using a HS2000 Spreader



**50+**

crimps using a HP35 Punch



**40+**

splits using a HNS150 Nut Splitter



**20+**

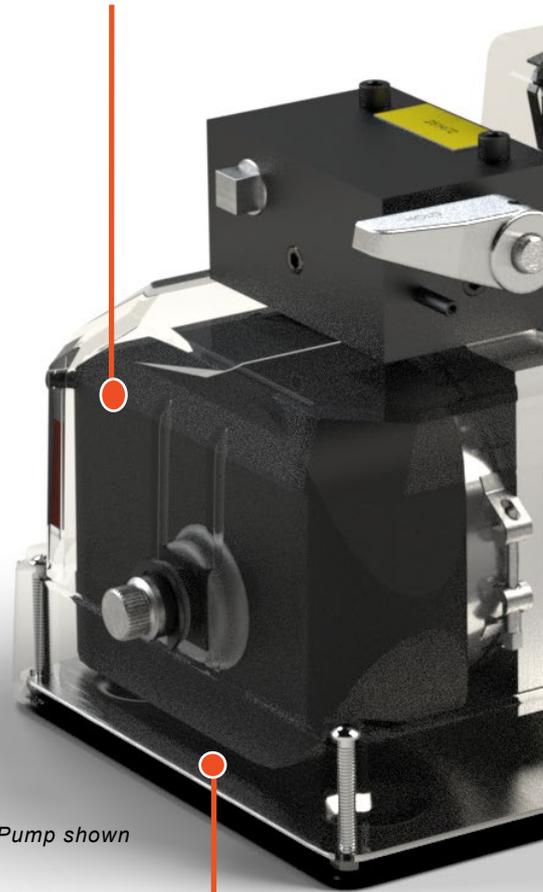
lifts using a C104C Cylinder



*Note: Each function achieved was based on one fully charged 9.0Ah battery pack @ maximum operating pressure, contact factory for specific details and materials used.*

## Pump Technology

Equipped with a rubber bladder to enable the pump to operate in most positions



PB102 Battery Pump shown

Steel baseplate provides a firm footing on uneven surfaces

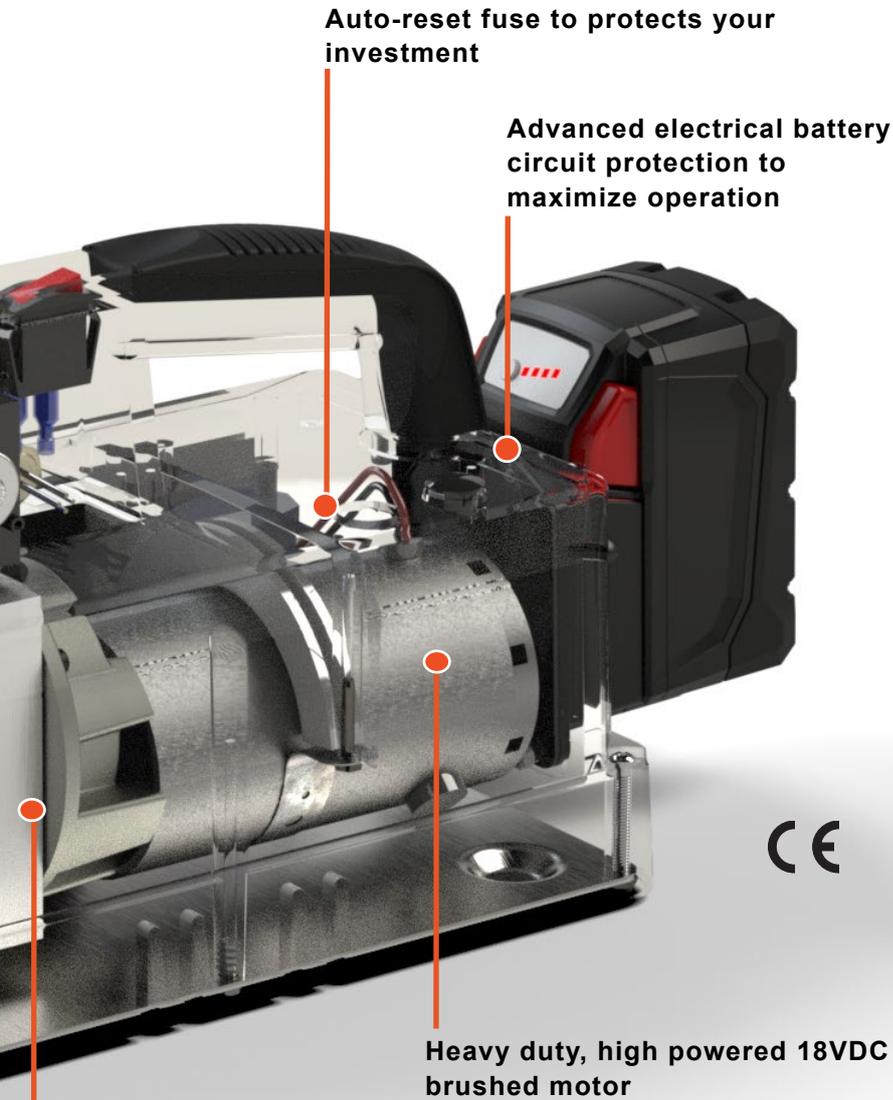


PB102A Auto-Dump Valve



PB102 2-Way Dump Valve

# Technology At A Glance



Two stage pump features a rapid tool advancement in 1st stage, increasing your productivity



PB102R 2-Way Dump Valve  
Pressure Regulator

PB104 Four Way Valve

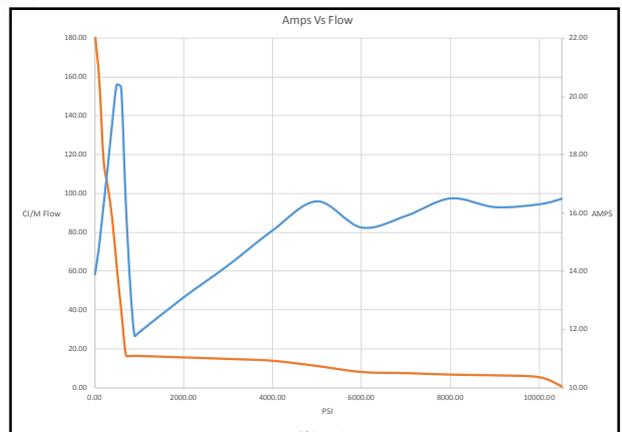
▶ On-board Battery Indicator LED



▶ 18 VDC LI-ION Battery Charger



▶ Flow / Amp Performance Curve



1st Stage: 3.300 cm<sup>3</sup> / min.  
2nd Stage: 98 cm<sup>3</sup> / min.

Order No.:

**PB102, PB102P**



**Features**

**COMPACT, PORTABLE, CORDLESS  
HYDRAULIC PUMP FOR MRO APPLICATIONS**

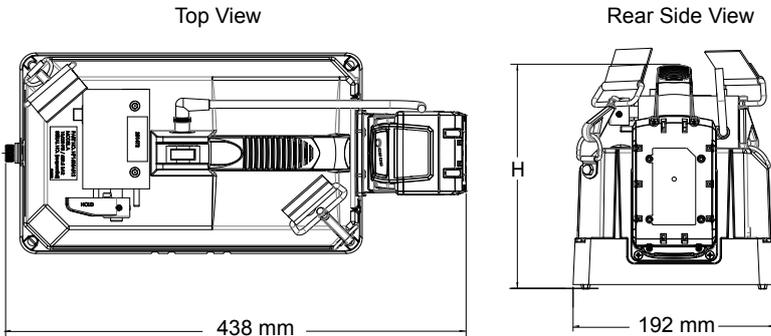
- Compact, Li-ion 18VDC, 9.0 Ah battery-powered pump provides extended run-time , CE compliant.
- Two stage, compact high-pressure hydraulic pump offers quick tool advancement in the first stage
- Extremely compact, lightweight with an ergonomic handle grip and transport strap to ease portability
- Self-contained, rubber bladder reservoir allows pump usage in most positions with an impressive capacity of 1,1 liter usable
- Quiet – smooth running, serviceable brushed 18VDC motor
- High impact, fiberglass reinforced shroud protects your investment in the most demanding and harsh applications
- Large valve selection to accommodate a vast array of applications

**Ordering Information**

Order Number	Description	Refer to Note	Tool Type	Valve Type	Valve Function	Remote Control
PB102-0	18VDC, 1/4 HP Power Pump, S/A, 2-Way with Auto Dump	(1)	Single Acting	2-Way/ Auto. Dump (9561)	Advance / Return (Auto)	Optional
PB102P-0	18VDC Power Pump, S/A, 2-Way with Auto Dump	(1)	Single Acting	2-Way/ Auto. Dump (9561)	Advance / Return (Auto)	Hand Pendant with 3m cord included
PB102R-0	18VDC Power Pump, S/A, 2-Way with Auto Dump and Pressure Regulator	(1), (3)	Single Acting	2-Way/ Auto. Dump / Pressure Regulator (9561, 9560)	Advance / Return (Auto) / Pressure Adjustment 70 -690 bar	Optional
PB102A-0	18VDC Power Pump, S/A, Auto Dump	(2)	Single Acting	Auto. Dump (9562)	Advance / Return	Optional
PB104-0	18VDC Power Pump, D/A, 4-Way	(4)	Double Acting	4-Way (9563)	Advance / Hold / Return	Optional
PB102-2	18VDC Power Pump, S/A, 2-Way with Auto Dump	(1)	Single Acting	2-Way/ Auto. Dump (9561)	Advance / Return (Auto)	Optional
PB102P-2	18VDC Power Pump, S/A, 2-Way with Auto Dump	(1)	Single Acting	2-Way/ Auto. Dump (9561)	Advance / Return (Auto)	Hand Pendant with 3m cord included
PB102R-2	18VDC Power Pump, S/A, 2-Way with Auto Dump and Pressure Regulator	(1), (3)	Single Acting	2-Way/ Auto. Dump / Pressure Regulator (9561, 9560)	Advance / Return (Auto) / Pressure Adjustment 70 -690 bar	Optional
PB102A-2	18VDC Power Pump, S/A, Auto Dump	(2)	Single Acting	Auto. Dump (9562)	Advance / Return	Optional
PB104-2	18VDC Power Pump, D/A, 4-Way	(4)	Double Acting	4-Way (9563)	Advance / Hold / Return	Optional
PB102-3	18VDC, HP Power Pump, S/A, 2-Way with Auto Dump	(1)	Single Acting	2-Way/ Auto. Dump (9561)	Advance / Return (Auto)	Optional
PB102P-3	18VDC Power Pump, S/A, 2-Way with Auto Dump	(1)	Single Acting	2-Way/ Auto. Dump (9561)	Advance / Return (Auto)	Hand Pendant with 3m cord included
PB102R-3	18VDC Power Pump, S/A, 2-Way with Auto Dump and Pressure Regulator	(1), (3)	Single Acting	2-Way/ Auto. Dump / Pressure Regulator (9561, 9560)	Advance / Return (Auto) / Pressure Adjustment 70 -690 bar	Optional
PB102A-3	18VDC Power Pump, S/A, Auto Dump	(2)	Single Acting	Auto. Dump (9562)	Advance / Return	Optional
PB104-3	18VDC Power Pump, D/A, 4-Way	(4)	Double Acting	4-Way (9563)	Advance / Hold / Return	Optional

(1) 2-Way Auto Dump Function: Flapper handle in "hold" position will allow the tool to advance and maintain pressure when the motor is shut off, flapper handle must be switched back to retract and dump pressure. Flapper handle is set to "return" position, power on will advance tool and power off will retract tool and dump pressure.  
 (2) Auto Dump Function: Power on - tool advances, and power off - tool returns, releasing pressure to tank.

Technical Dimensions



**Optional Remotes**

These remotes are equipped with connectors to enable the operator to “plug and play” the connection quickly. The wiring is configured to allow the operator to use the power switch on the pump or operate remotely once connected.



**Hand Pendant**  
Order # 3000989



**Foot Pendant**  
Order # 3000975

Hardware Included



Turnkey, 690 bar hydraulic power pump powered by an 18VDC Li-Ion battery, ships with hydraulic oil.



Transport shoulder strap with clips installed on shroud for quick fastening or removal.



One 18VDC Li-Ion 9.0 Ah Battery, additional batteries can be purchased separately.



18VDC battery charger available in 230V for certain models, refer to the ordering information below.

Flow @ Stages	Usable Oil Capacity	Battery Included	Charger (w/plug style)	Dimension			Weight	Order Number
				L	W	H mm		
cm <sup>3</sup> /min.	cm <sup>3</sup> /min.					kg		
1st Stage: 3.300 cm <sup>3</sup> /min. @ 14 bar  2nd Stage: 98 cm <sup>3</sup> /min. @ 690 bar	1.150	(1) One 18VDC L-ion 9.0 Ah included	<b>No charger is included</b>	438	192	215	10,9	PB102-0
						215	11,8	PB102P-0
						242	11,3	PB102R-0
						192	10,9	PB102A-0
						259	11,3	PB104-0
1st Stage: 3.300 cm <sup>3</sup> /min. @ 14 bar  2nd Stage: 98 cm <sup>3</sup> /min. @ 690 bar	1.150	(1) One 18VDC L-ion 9.0 Ah included	(1) One 230V M18 Charger Included, <b>Europe only</b> 	438	192	215	10,9	PB102-2
						215	11,8	PB102P-2
						242	11,3	PB102R-2
						192	10,9	PB102A-2
						259	11,3	PB104-2
1st Stage: 3.300 cm <sup>3</sup> /min. @ 14 bar  2nd Stage: 98 cm <sup>3</sup> /min. @ 690 bar	1.150	(1) One 18VDC L-ion 9.0 Ah included	(1) One 230V M18 Charger Included, <b>United Kingdom only</b> 	438	192	215	10,9	PB102-3
						215	11,8	PB102P-3
						242	11,3	PB102R-3
						192	10,9	PB102A-3
						259	11,3	PB104-3

(3) Using the external knob, the pressure regulator valve allows the operator to externally adjust the pressure on demand, ranges from 70 -690 bar.

(4) Four-way valve direction is controlled by the handle lever. Three position; Advance, hold, retract.

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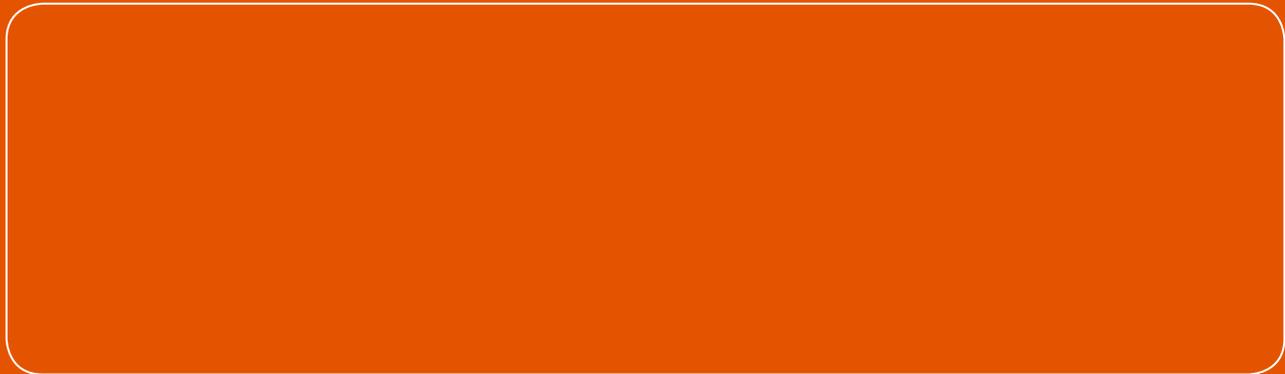
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