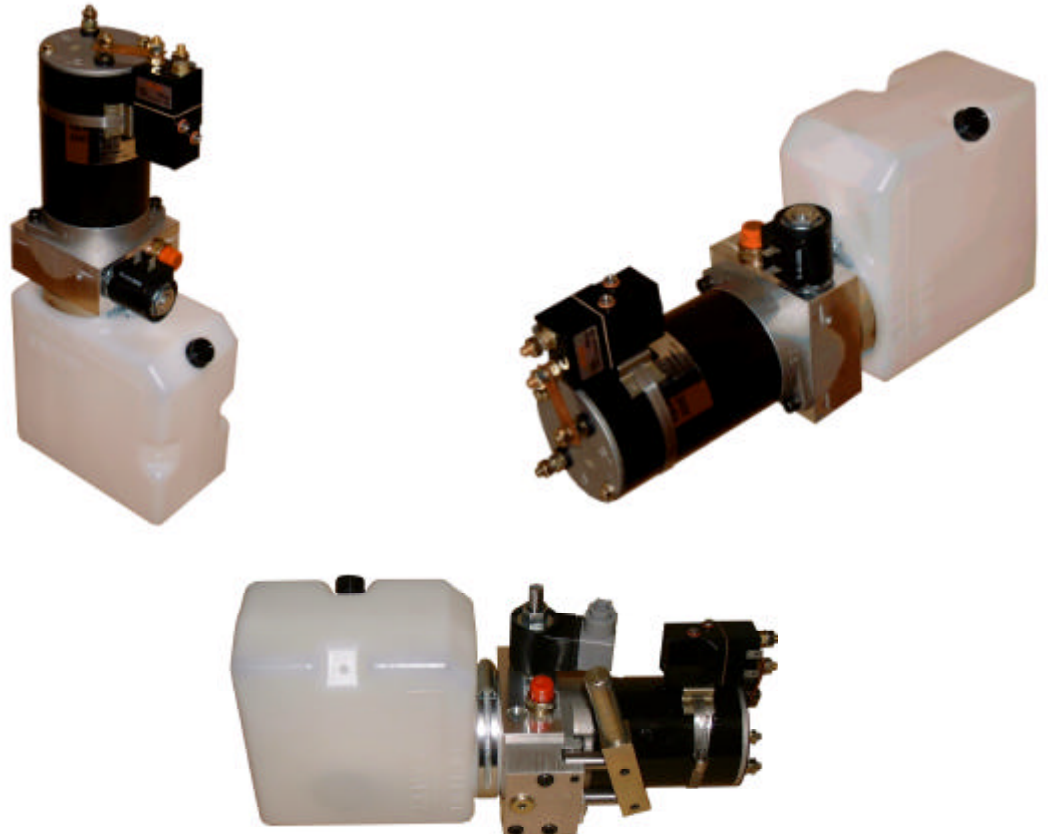


# SAVERY



## The SAVERY Mini-Pak Range

Of Miniature Hydraulic Power Units

12 & 24 Volt, 500 & 800 Watt DC Motors  
Horizontal Or Vertical Mounting  
Single or Double Acting Control  
Custom Circuit Designs Manifolded Direct to Unit  
1 Litre – 4 Litre Plastic Reservoirs  
Hand Pump Option  
Wide Range of Efficient Pressure Balanced Pumps  
Pressures Up to 250 Bar  
Complements our Existing Successful Range of  
PB300 Hydraulic power Units.



**T.A. Savery & Co Ltd, Grovelands, Longford Rd, Exhall, Coventry, CV7 9NE.**  
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Email us on: [sales@savery.co.uk](mailto:sales@savery.co.uk) - Or Visit Our Website [www.savery.co.uk](http://www.savery.co.uk)

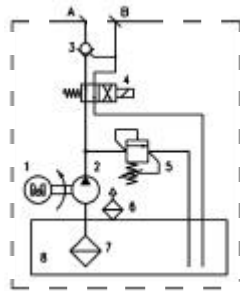
# Features

The Mini-Pak range of power units uses a purpose designed Centre Adapter Manifold, incorporating a relief valve, double or single acting directional control valve and a pressure port check valve, whilst also providing the interface for connection of a pressure balanced gear pump and the electric motor.

Options include a bolt on Hand Pump, Pressure Compensated Flow Control, Thermal Trip and the facility to close couple custom-built manifolds to the Centre Adapter.

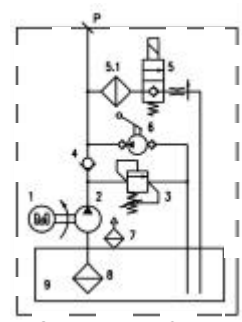
Due to the innovative design of the plastic tanks, units can be built as vertical or horizontal mount versions, allowing flexibility of mounting arrangements and convenient filling. Mounting arrangements should be determined prior to ordering, to ensure correct positioning of the suction filter within the tank.

If your specific requirements are not catered for by the options detailed in this leaflet, please call us. As a British manufacturer of power units for over 30 years, we have the design facilities and production capabilities to satisfy most requests.



Double Acting Circuit with Optional P.O. Check Valve

## Typical Hydraulic Circuits



Single acting Circuit With Hand Pump

## Mini-Pak Ordering Code

CONTROL COILS    TANK    FLOW CONTROLS    RELIEF VALVE TYPE    SUCTION STRAINER ORIENTATION    RELIEF VALVE SETTING

MOTOR    PUMP    CONTROLS    START SWITCH ORIENTATION    UNIT MOUNTING

**MP2K DC    12    075    A    12    B    2 / H    3    C    B    150    H    M\*\*\***

DESCRIPTION	CODE
NO MOTOR	00
12V DT 500W LOW POWER	12
12V DT 800W HIGH POWER	13
24V DT 500W LOW POWER	24
24V DT 800W HIGH POWER	25
SPECIAL MOTOR	XX

cm <sup>3</sup> /REV	CODE
0.16	016
0.24	024
0.45	045
0.56	056
0.75	075
0.92	092
1.25	125
1.48	148
2.28	228
X	SPECIAL

CODE	L/MIN
0	NONE
1	1
2	2
3	3
4	4
X	SPECIAL

CODE	SUCTION ORIENTATION
0	VERTICAL
A	12 O'CLOCK
B	3 O'CLOCK
C	6 O'CLOCK
D	9 O'CLOCK

TYPE	RANGE (BARS)	CODE
LOW PROFILE HIGH PRESSURE	100 - 250	H
LOW PROFILE LOW PRESSURE	10 - 100	L
SPECIAL		X

CODE	TYPE	* CAPACITY HORIZONTAL MOUNTING	VERTICAL MOUNTING
0	NO RESERVOIR		
A	PLASTIC RECTANGULAR	1.1	1.0
B	PLASTIC RECTANGULAR	1.7	1.7
X	SPECIAL		

CONTROL	CODE
RETURN PORT ADAPTOR	A
MANUAL RELEASE	M
SOLENOID RELEASE	S
SOLENOID RELEASE WITH DEAD-MAN MANUAL OVER-RIDE	D
SOLENOID RELEASE WITH TWIST MANUAL OVER-RIDE	T
4 WAY SINGLE SOLENOID DCV	V
4 WAY SINGLE SOLENOID DCV, P.O. CHECK ON 'A'	W
HAND PUMP	H
SPECIAL EQUIPMENT	X

COIL VOLTAGE	CODE
NOT APPLICABLE	0
12V. DC (DUAL SPARE)	12
12V. DC (DIN43650 PLUG)	13
24V. DC (DUAL SPARE)	24
24V. DC (DIN43650 PLUG)	25
SPECIAL	X

CODE	BREATHER ORIENTATION
A	11 O'CLOCK
B	1 O'CLOCK
C	6 O'CLOCK
D	9 O'CLOCK
V	VERTICAL

CODE	START SWITCH
0	NOT FITTED
1	12 O'CLOCK
2	3 O'CLOCK
3	6 O'CLOCK
4	9 O'CLOCK

\* USEABLE CAPACITY IN LITRES  
# STD STOCK ITEMS

OBSERVING UNIT  
HORIZONTALLY FROM TANK  
END WITH RELIEF VALVE AT  
12 O'CLOCK

UNIT FOR STANDARD UNITS,  
WHERE 'X' APPEARS IN THE CODE  
INDICATING SPECIAL AND/OR ADDITIONAL  
EQUIPMENT, SAVERY WILL ALLOCATE  
A UNIQUE SPECIFICATION No (4 DIGITS)

STATE 'V' IF VERTICALLY MOUNTED  
STATE 'H' IF HORIZONTALLY MOUNTED

STATE PRESSURE SETTING  
- BAR -

MANY ALTERNATIVE VALVE  
OPTIONS ARE AVAILABLE

MANY ALTERNATIVE COIL  
CONNECTORS ARE AVAILABLE