

Portable Power Pack – Tension

Single and dual pressure for hydraulic bolt tensioning

The Portable Power Pack – Tension series is a compact, reliable, and very precise hydraulic pump unit.

Supplied as variants:

- Various electrical power supply
- Single pressure 1500 or 2500 bar
- Dual pressure 1500/1500 or 2500/2500

Ideal for onsite hydraulic bolt tensioning service jobs where focus is on having a easy transportable powerpack.





Technical specifications:

Portable Power Pack - Tension series is a compact and lightweight unit which is easy to handle. This unit is most often used for supporting onsite service jobs in the marine and wind industries.

It is supplied in a sturdy and robust flight case which ensures protection during transportation

Single pressure and dual pressure units are available.

The single pressure power pack has 1 adjustable oil pressure range – either 0-1500 or 0-2500 bar.

The dual pressure power pack has 2 independently adjustable oil pressure ranges – each between either 0-1500 or 0-2500 bar allowing for instance 700 bar in channel 1 and 1500 bar in channel 2.

Type	Pressure setting 1 [bar]	Pressure setting 2 [bar]
Single pressure	0-1500 or 0-2500	N/A
Dual pressure	0-1500 or 0-2500	0-1500 or 0-2500

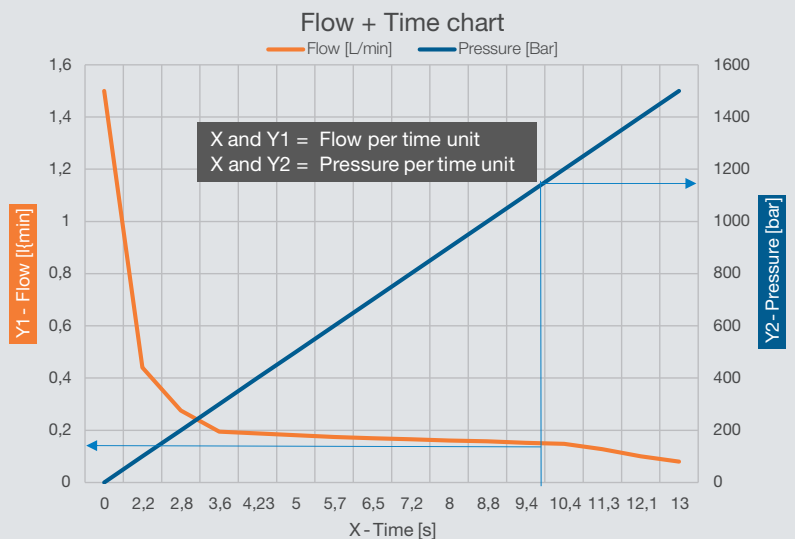
Portable Power Pack – Technical features								
Maximum Pressure	Electrical Voltage	Electrical frequency	Max Electrical current	Dimensions W x D x H	Weight no oil	Max. Flow low pressure	Usable Oil volume	Oil tank volumen
[bar]	[V]	[Hz]	[A]	[mm]	[Kg]	[L/min]	[L]	[L]
1 x 1500 1 x 2500 2 x 1500 2 x 2500	1 x 120 1 x 230	50/60 Hz	5.4 3.5	247 x 347 x 546	30/33	1.5	1/1.7	1.5/2.6

Highlighted features:

- Operational in a wide range of temperatures and pressures
- Low noise level
- Cabled or wireless remote control for easy operation
- Ideal for service purposes
- Light weight and handy unit with retractable handle
- Wheels for easy transportation

Disclaimer:

Values are approximate and only shown for illustration of how the pump works with a 2 meter 1/4" hose and closed valve attached. Depending on size and quantity of toolings, pump behavior will deviate from the shown curves.



The power pack can be configured to suit your actual requirements, and thereby optimize the scope of supply and consequently the price. Our configurator enables you to match:

- Design type of power pack
- Hydraulic pressure
- Electrical voltage and frequency
- Cable length
- Control input
- Type of pressure gauge – with or without 5 point pressure gauge calibration certificate



High Pressure Power Pack Configurator

-----Item Description-----

PPT - 1500 - 120 - 0 - SC - 5

DESIGN - Type	
Portable Powerpack - Tension	PPT
Black Tower - Tension	BTT
Black Tower - Injection	BTI

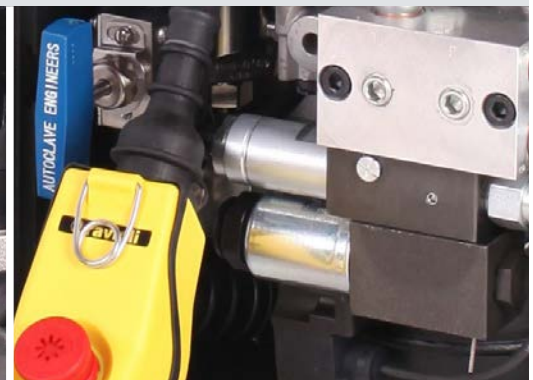
Cable length [m]	
3	3 metres
5	5 metres (BTT and BTI only)
10	10 metres (BTT and BTI only)

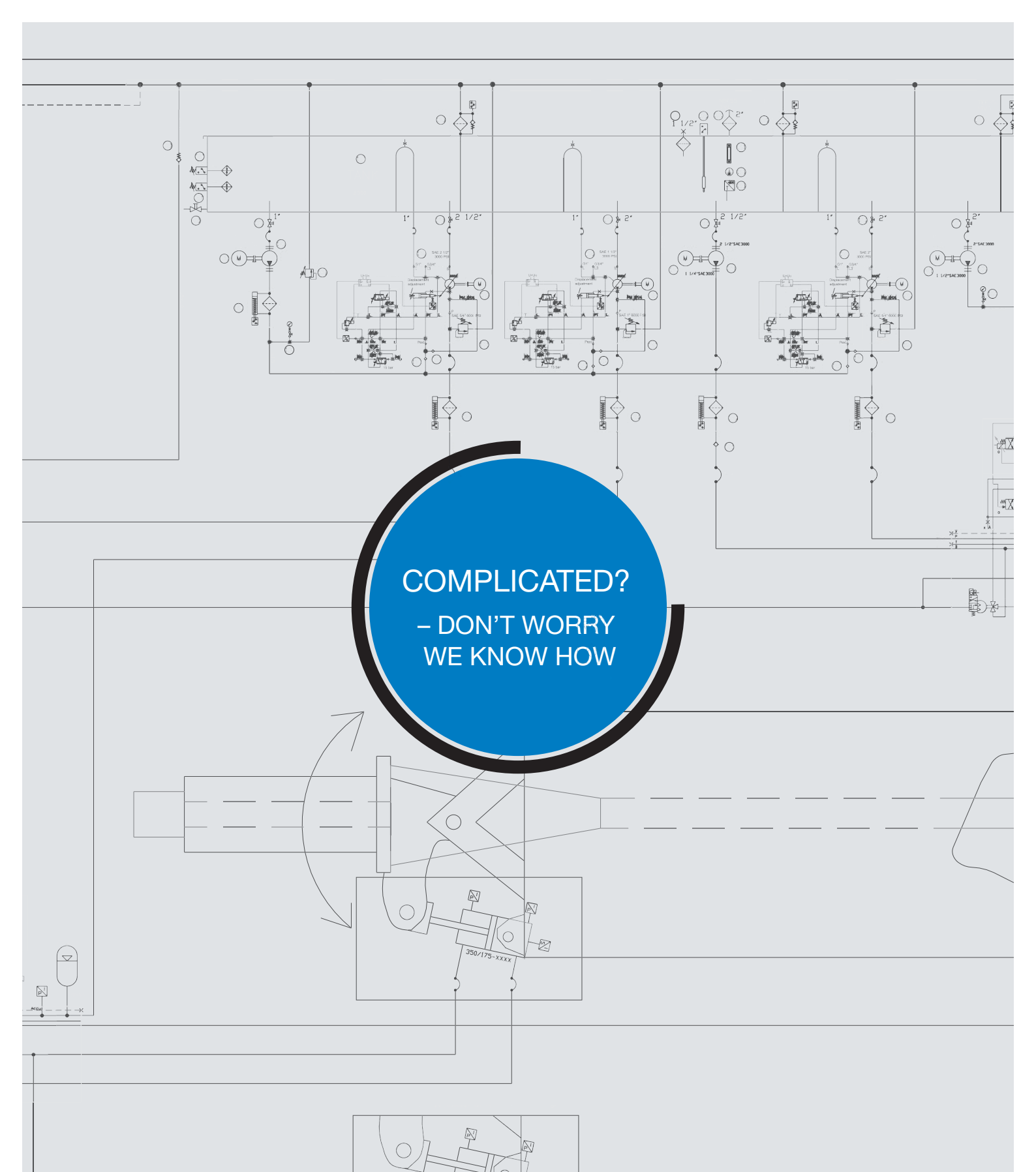
Pressure [BAR]	
Single operation pressure variable up to 1500 bar (PPT and BTT only)	1500
Single operation pressure variable up to 2500 bar (PPT and BTT only)	2500
Dual operation pressure variable up to 1500 + 700 bar (PPT only)	1507
Dual operation pressure variable 2500 + 700 bar (PPT only)	2507
Dual operation pressure variable 3000 + 3000 bar (BTI only)	3030
Dual operation pressure variable 4000 + 450 bar (BTI only)	4004

Pressure Gauge	
S	Standard 1 % precision pressure Gauge
SC	Standard 1 % precision pressure Gauge - Calibrated with cert.
D	Digital pressure Gauge (incl. Pressure transmitter) (PPT only)
DC	Digital pressure Gauge - Calibrated with cert. (incl. Pressure transmitter) (PPT only)

Electrical voltage [V]	
1 x 120 V AC (50-60 Hz) (PPT and BTT only)	120
1 x 230 V AC (50-60 Hz) (PPT and BTT only)	230
3 x 400 V AC (50-60 Hz) (BTT and BTI only)	400
3 x 690 V AC (50-60 Hz) (BTT and BTI only)	690

Control input	
0	No remote controller (BTI only)
1	Cabled remote controller
2	Cabled remote controller with LED (Pressure transmitter) (BTT only)
4	Wireless remote controller





COMPLICATED?
– DON'T WORRY
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