

HPU – PITCH CYLINDER

A hydraulic power unit converts mechanical- to hydraulic energy to power industrial equipment. A HPU uses an electric motor driving a hydraulic pump to pressurizes fluid. The pressurized fluid is applied in mechanical equipment, such as braking systems delivered by Trebu.

FEATURES

- HPU controls Trebu Pitch Cylinder & Rotor brakes
- Efficient cooling reducing heat production
- Easy PLC connectability and control
- Oil in tank level-eye display
- Fast braking and retraction time for reliable operation
- Integrated handpump with lever
- Proportional technique for accurate cylinder positioning
- Stand-alone cooling system
- Easy access to filter for maintenance
- Ball valve for oil tank drainage
- Nitrogen pressure monitoring and filling
- Accumulator redundant level switches
- Accumulator for safety operations and life time enhancer

OPTIONS

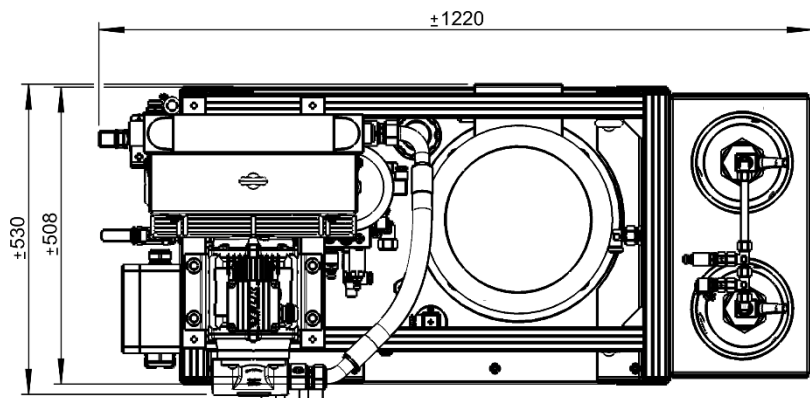
- Switches & sensors
- Connectors & cables
- Filter elements
- Steel manifold



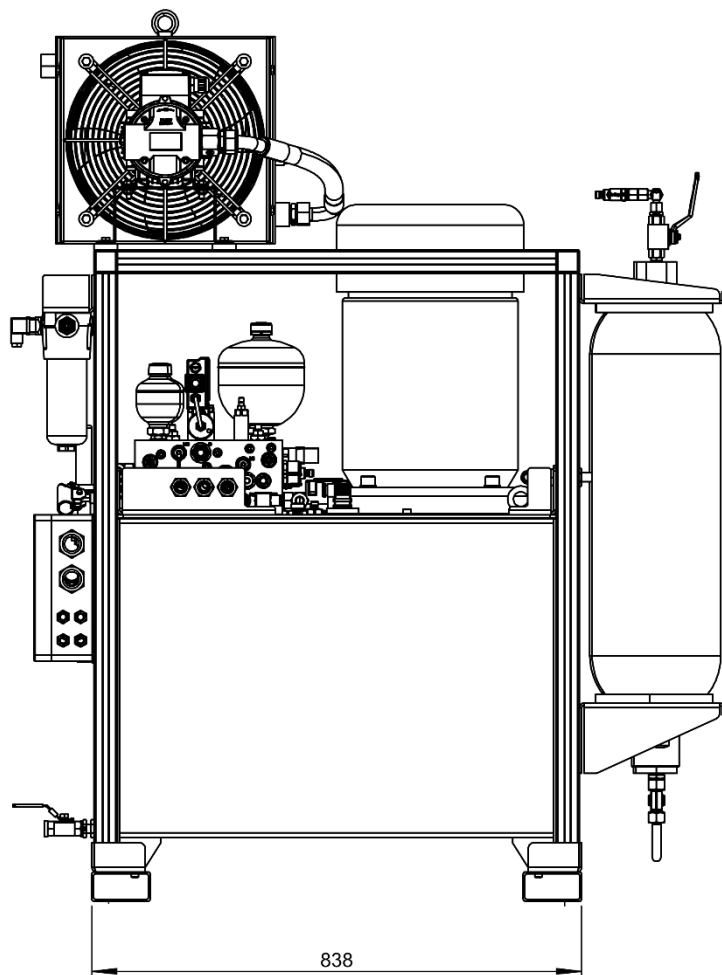
SPECIFICATIONS	VALUE	UNIT
ARTICLE NUMBER	10-1168	-
WEIGHT (WITH OIL)	600	Kg
NOMINAL PRESSURE	25	MPa
MAXIMUM PRESSURE	28	MPa
PUMP CAPACITY (AT 1500 RPM)	18	L / min.
MOTOR TYPE	Asynchronous IE2	
MOTOR POWER	11	kW
MOTOR VOLTAGE	400 / 690	V
MOTOR FREQUENCY	50 / 60	Hz

SPECIFICATIONS	VALUE	UNIT
MOTOR SPEED	1460	rpm
MOTOR PHASES	3	-
TANK CAPACITY	150	L
HAND PUMP CAPACITY	10,6	cc / stroke
HYDRAULIC OIL	ISO-V6 46	-
TEMPERATURE RANGE	-20 / +60	°C
CORROSIVITY CLASS	C2 EN ISO 12944-2	
PAINT COLOUR	5021	RAL
HYDRAULIC SCHEME	PH-22302.1	-

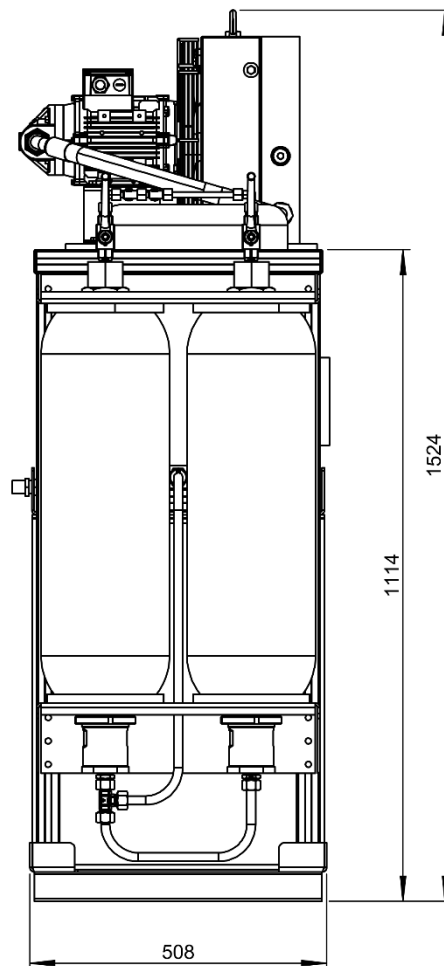
GENERAL DIMENSIONS



TOP VIEW
 SCALE 1:12



FRONT VIEW
 SCALE 1:12



RIGHT VIEW
 SCALE 1:12

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