

HPU – ROTOR- BRAKE & LOCKS

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.

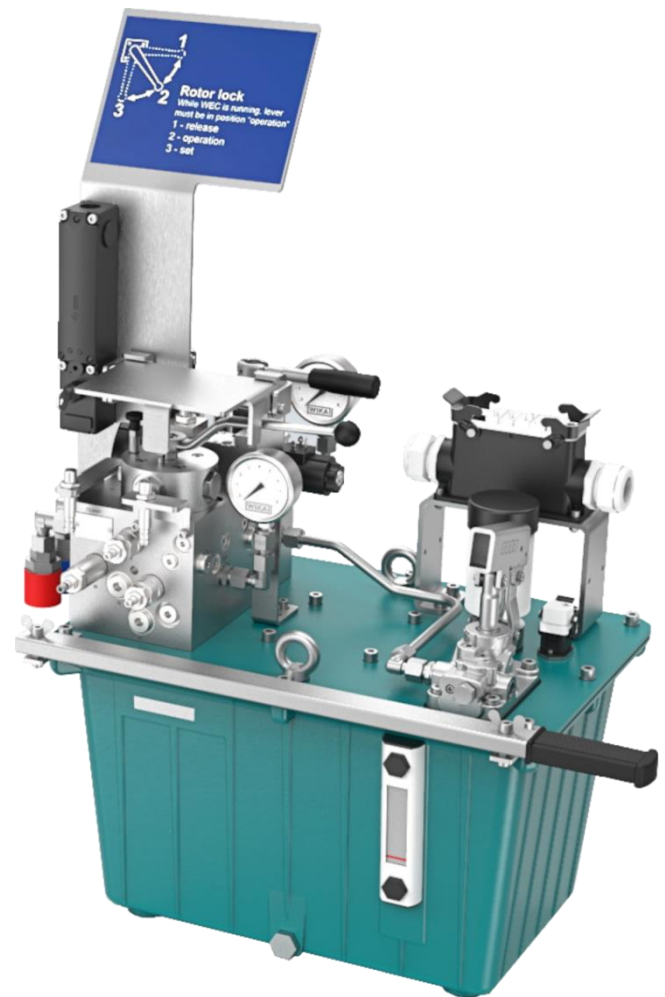
FEATURES

- HPU controls Trebu Rotor- Brakes & Locks
- Collaborating with multiple consumers & components
- Variable working pressures possible per specification
- Easy installation using quick connectors
- Integrated submersible motor & handpump
- Efficient cooling reducing heat production
- Lower noise and vibration levels than conventional HPU's
- Operate rotor lock manually with headless valve
- Safety features to prevent accidental rotor lock operation
- Junction box
- Easy PLC connectability and control
- Instant action feedback on pressure gauges
- Oil in tank level-eye display
- Fast braking and retraction time for reliable operation
- Lifting eyes for easy handling and lifting

OPTIONS

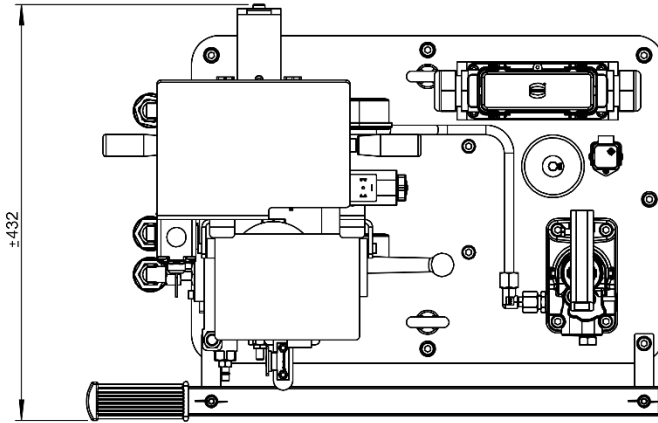
- Switches & sensors
- Connectors & cables
- Filter elements
- Steel manifold

SPECIFICATION	VALUE	UNIT
ARTICLE NUMBER	10-1103	-
WEIGHT (WITH OIL)	80	Kg
NOMINAL PRESSURE	16	MPa
MAXIMUM PRESSURE	29	MPa
PUMP CAPACITY (AT 1500 RPM)	5,6	L / min.
MOTOR TYPE	Asynchronous IE2	
MOTOR POWER	3	kW
MOTOR VOLTAGE	230 / 400	V
MOTOR FREQUENCY	50 / 60	Hz

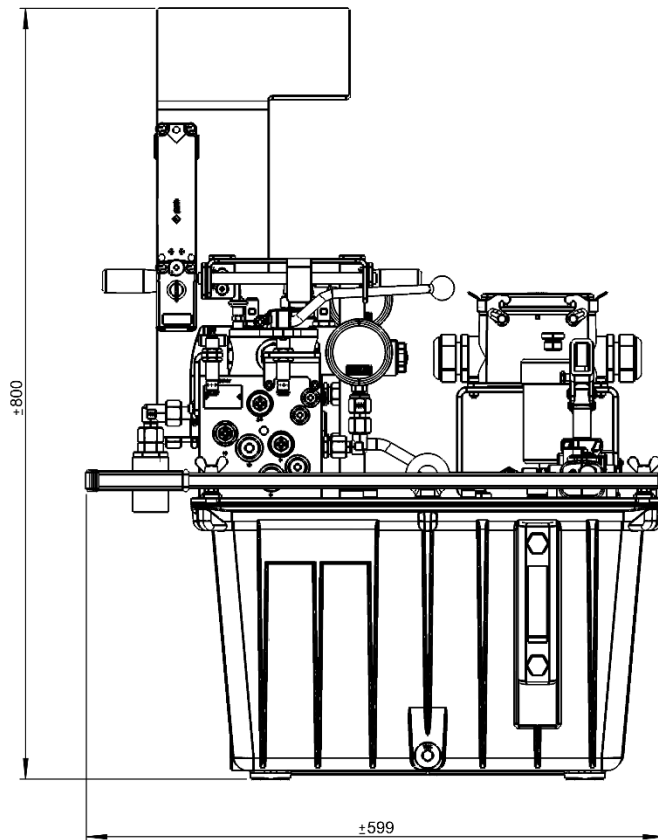
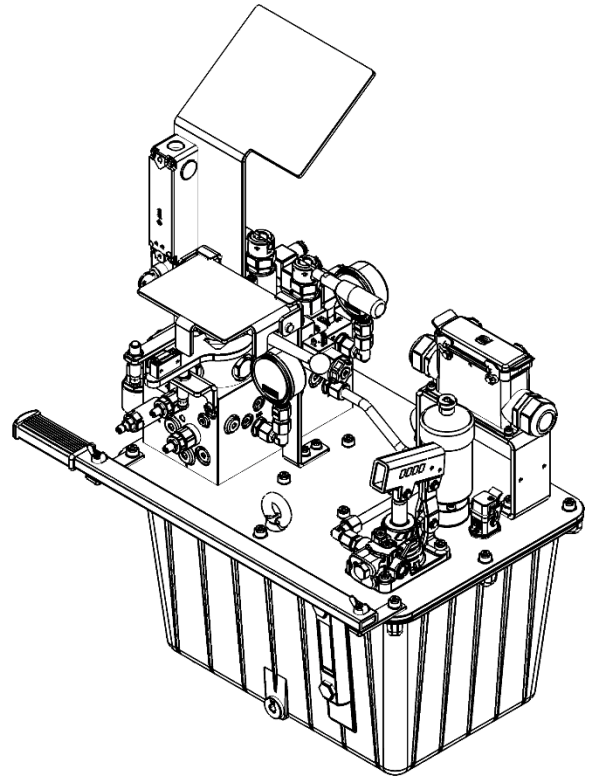


SPECIFICATION	VALUE	UNIT
MOTOR SPEED	1350	rpm
MOTOR PHASES	3	-
TANK CAPACITY	16,5	L
HAND PUMP CAPACITY	25	cc / stroke
HYDRAULIC OIL	ISO-V6 46	-
TEMPERATURE RANGE	-40 / +70	°C
CORROSIVITY CLASS	C4 EN ISO 12944-2	
PAINT COLOUR	5021	RAL
HYDRAULIC SCHEME	PH20074.1	-

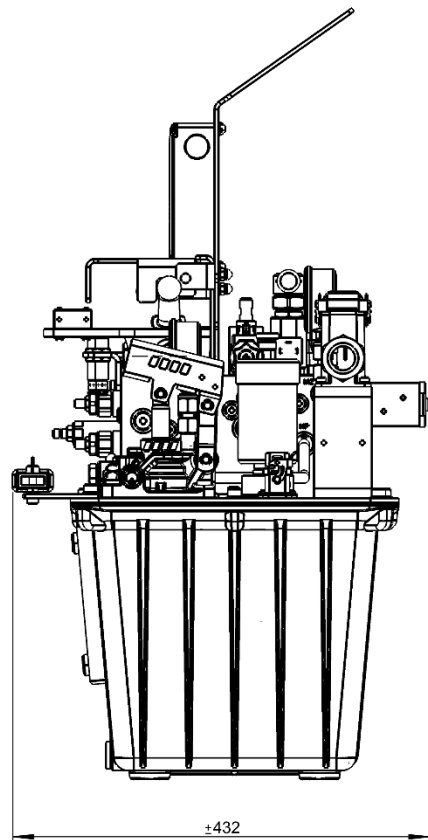
GENERAL DIMENSIONS



TOP VIEW
 SCALE 1:6



FRONT VIEW
 SCALE 1:6



RIGHT VIEW
 SCALE 1:6

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