



HYDRAULIC POWER UNITS
HPT-RC-ALL
POWER POINT HYD POWER UNIT
SLS & MKTG
ENGLISH

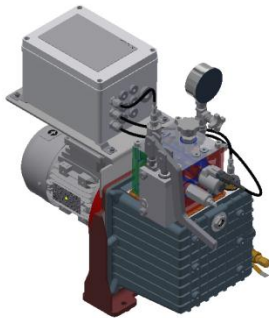
DOC NO.: 100-510-76092PT

1

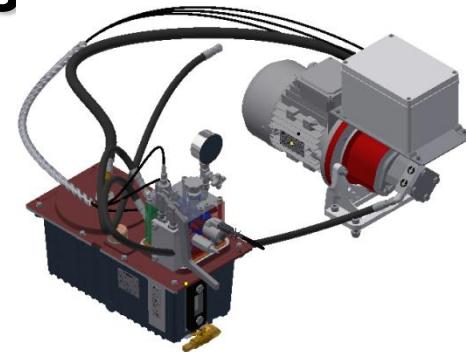
HYDRAULIC POWER UNITS

RAIL CLAMPS

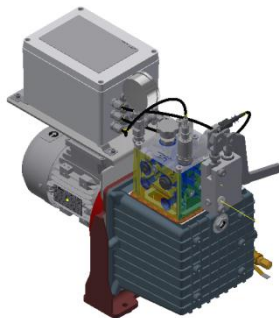
1.0 Hydraulic power units rail clamp series



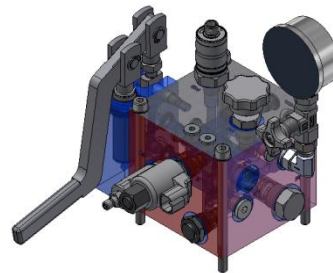
HPT04-RCTM



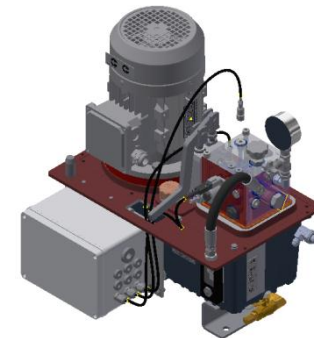
HPT08-RCTM



HPT04-RCBM

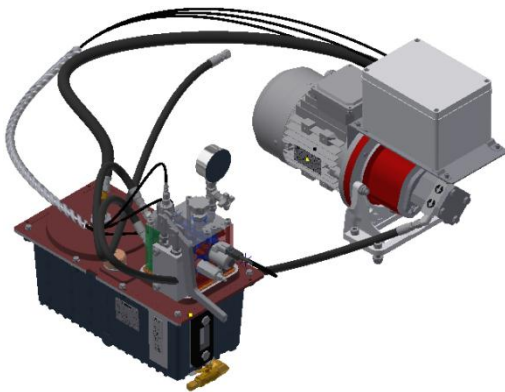
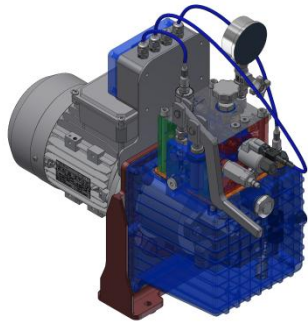


MB1V3



HPT08-RCBM

2.0 Principle of Operations

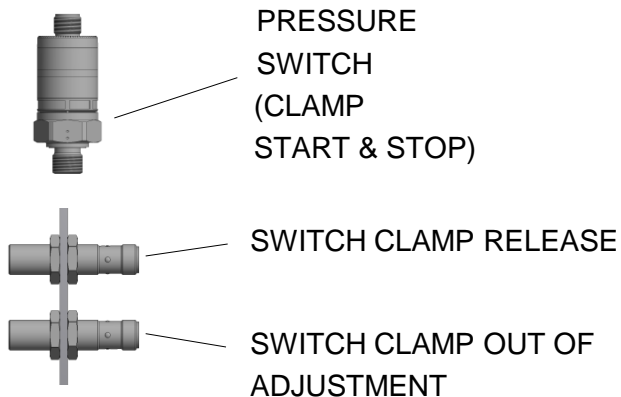
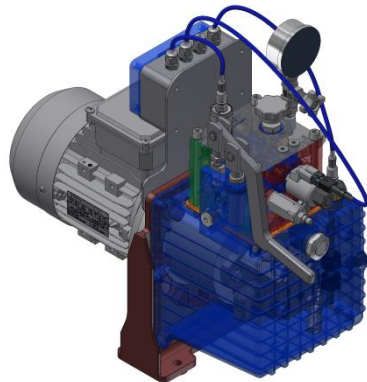


- All HPT - RC system components are modular and easy field replaceable.
- Each HPT hydraulic system is supplied standard as a non-constant running system.
- Each hydraulic power unit runs until signal from a limit or proximity pressure switch tells it to stop.
- The unit will remain shut down until internal system leakage reduces the system pressure thus activating an electrical signal to recharge the system.
- It should be noted that during operation system pressure is never allowed to drop below the minimum system release pressure.

3.0 Design highlights

3.1 HPT 04 RC

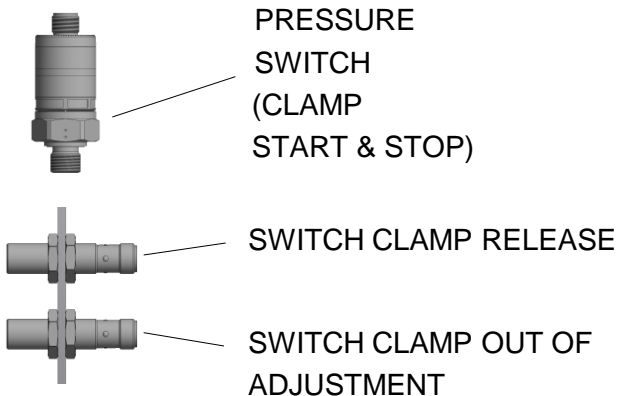
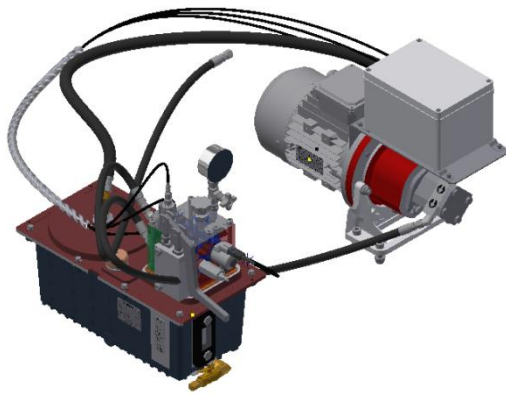
- Standard features.
 - No disassembly to remove following components:
 - Manifold block.
 - Temp level switch.
 - Hand pump.
 - Manifold cartridge valves.
 - Pressure switch
 - Solenoid coil
- Reservoir standard accessories include:
 - 4 liters reservoir.
 - Used on rail clamp sizes 050 through 600.
 - Oil temperature level switch.
 - Oil level Gauge.
 - High pressure filter.
 - Pressure switch.
 - Pressure Gauge.
 - All components field replaceable.



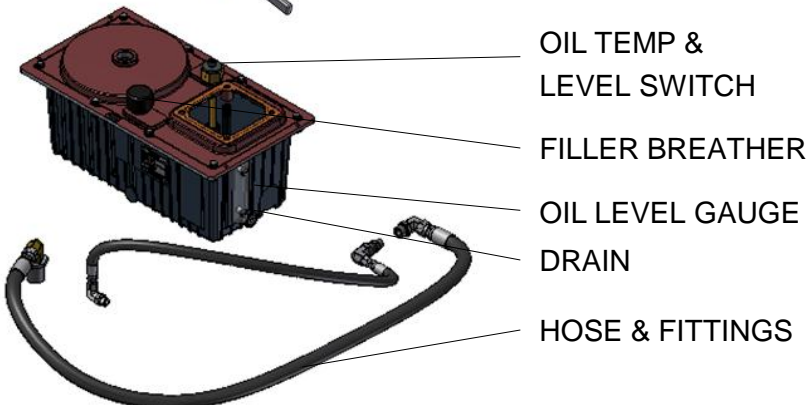
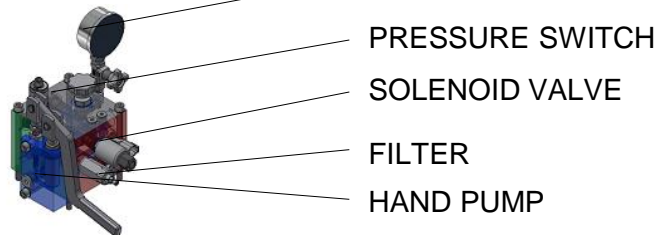
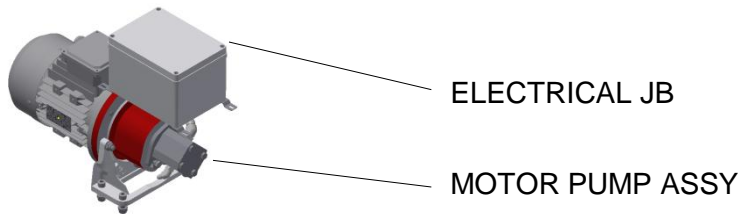
3.0 Design highlights

3.2 HPT 08 – RC

- Standard features.
 - No disassembly to remove following components:
 - Manifold block.
 - Temp level switch.
 - Hand pump.
 - Manifold cartridge valves.
 - Pressure switch
 - Solenoid coil
- Reservoir accessories standard include:
 - 8 liters reservoir.
 - Used on all rail clamp sizes.
 - Oil temperature level switch.
 - High pressure filter.
 - Pressure switch.
 - Pressure Gauge.
 - All components field replaceable.
 - Provision for reservoir heater.

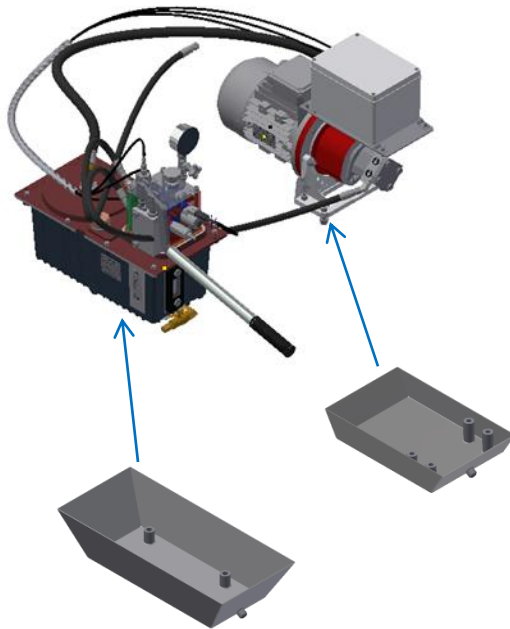


4.0 Standard features



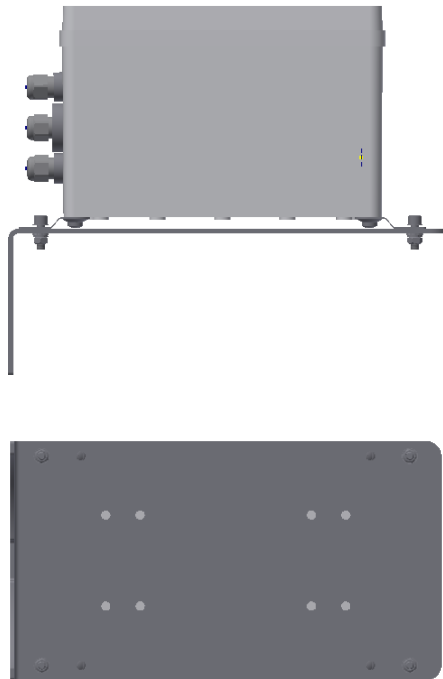
- Hand pump.
- Solenoid valve with LED indicator.
- Stainless steel (304) fasteners.
- IP55 rated electrical motor & junction box.
- All system components designed for maximum 20MPa operating pressure.
- Reservoir accessories standard including:
 - Oil temperature level switch.
 - Oil level gauge.
 - Electrical JB.
 - Reservoir drain port.
 - All components field replaceable.

5.0 Design Options



- Oil drip pans
- Hose and fitting kits
- CSA certification or CSA ready
- Explosion proof
- Reservoir heater
- Motor strip heater
- Stainless steel junction box upgrade
- Weather stripping
- Non standard voltages
- Custom electrical configuration
- Low temperature insulation

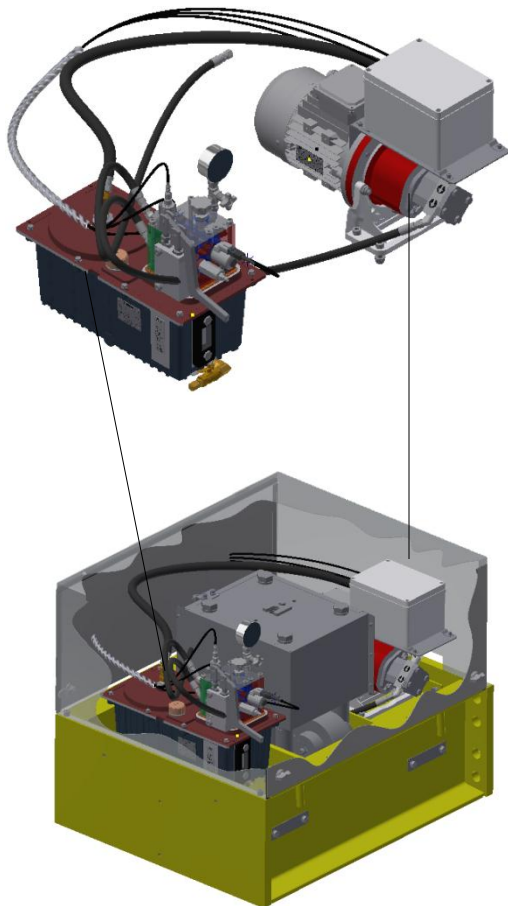
6.0 Handing of junction box



If JB designed horizontal then all handing of junction box on BM & TM is the same.

7.0 Standards

Truck mount models



All Hillmar products are designed & manufactured in accordance with the following standards.

- 6.1 Design standards.
- 6.2 Performance standards.
- 6.3 Document standards.
- 6.4 Production & Quality standards.
- 6.5 Packaging standards.

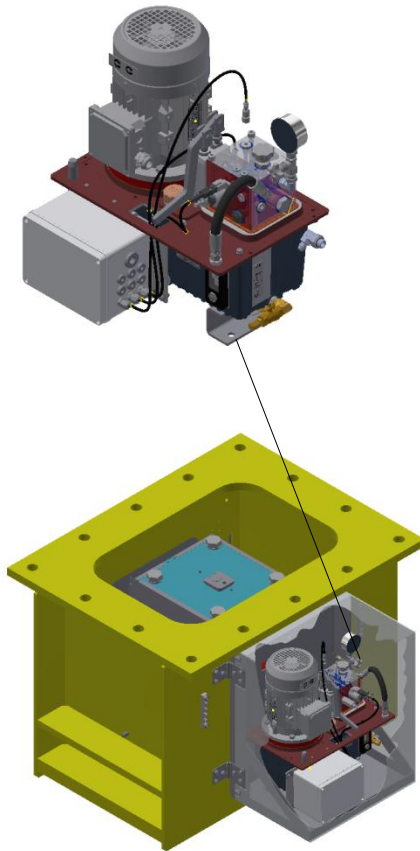
All Hillmar products are delivered with Hillmar commitment to customer satisfaction.

All Hillmar products manufactured in accordance with DIN 10204-2.1

Hillmar is an ISO 9001:2008 certified company.

8.0 Standards

Beam mount models



All Hillmar products are designed & manufactured in accordance with the following standards.

- 6.1 Design standards.
- 6.2 Performance standards.
- 6.3 Document standards.
- 6.4 Production & Quality standards.
- 6.5 Packaging standards.

All Hillmar products are delivered with Hillmar commitment to customer satisfaction.

All Hillmar products manufactured in accordance with DIN 10204-2.1

Hillmar is an ISO 9001:2008 certified company.