

CONTAINERIZED PRESSURE TEST BAY (40 FT)

type PPU40-S3

The Resato containerized pressure test bay allows pressure testing equipment on site up to 38 ft object length, without the need of building a pressure test bay.

The dedicated designed high pressure test system allows both hydraulic function tests on tools, as hydrostatic body tests, all operated from the integrated control room.

Positioning the tool in the test bay is easily performed by means of the extendable overhead crane which includes one fully electric 3 tons hoist.

Spilled test fluids are captured and collected by an integrated grid floor in the test bay. The filtration system in combination with reservoir allows recycling of the test medium. This complete pump circulation system is able to handle a wide range of fluids.

KEY SAFETY FEATURES

10mm steel test bay wall with 18 mm plywood lining

Flashing lights

Door switches and door locks

No high pressure components outside the testbay

Emergency stop buttons both in control room as test bay

Camera system

ORDERING CODE

PPU40-S3

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KEY TESTING FEATURES

Dual hydrostatic test line: 11,500 psi

Hydraulic open/close control line: 10,000 psi

Low pressure/high volume and high pressure/low volume pump setup

De-air skid

KEY CONTAINER FEATURES

Object length up to 38ft

Container length 40ft

CSC certified for top layer

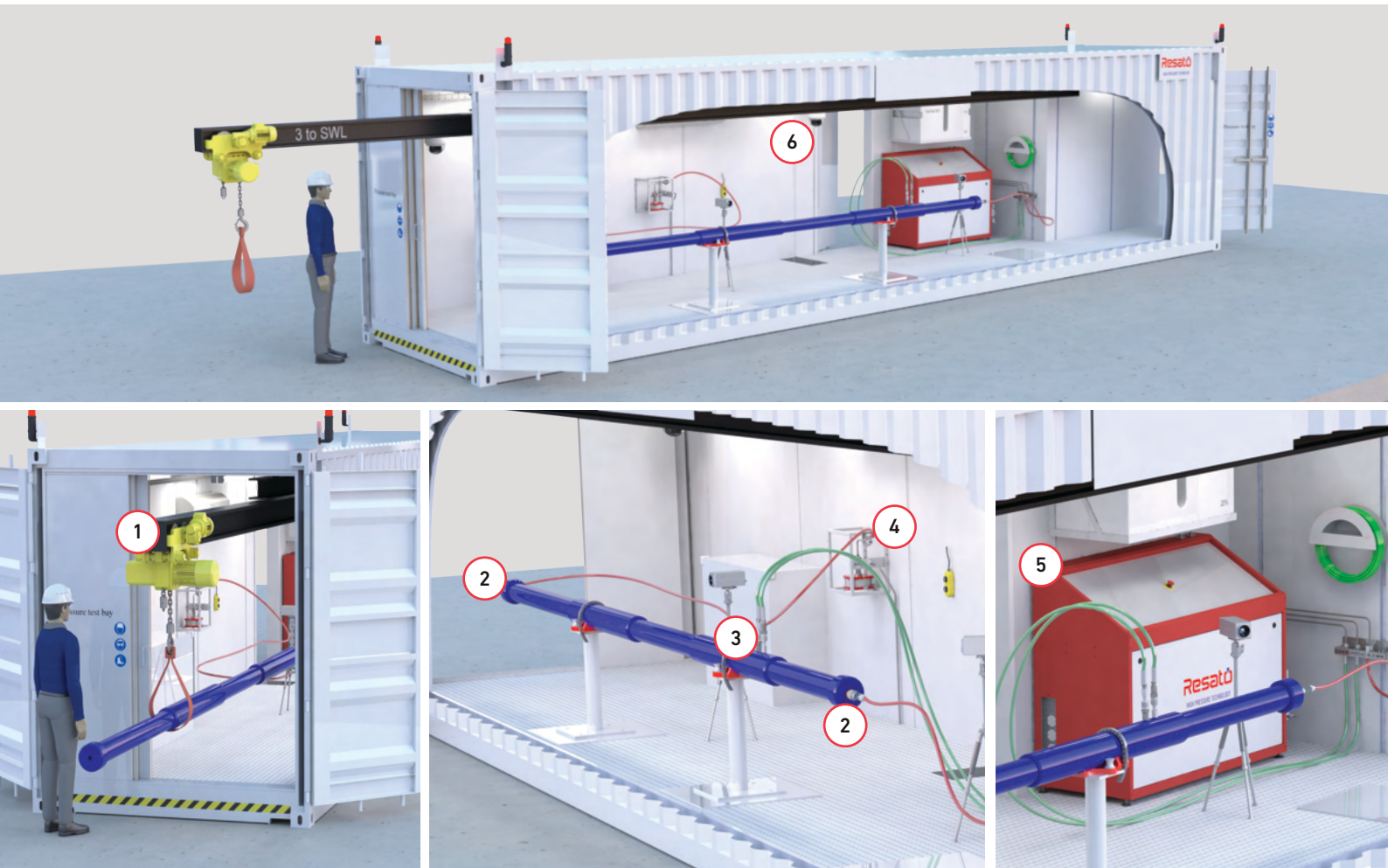
Fully grid floor in test bay

Zinc coating + 2K coat

Air conditioning in control room and test bay

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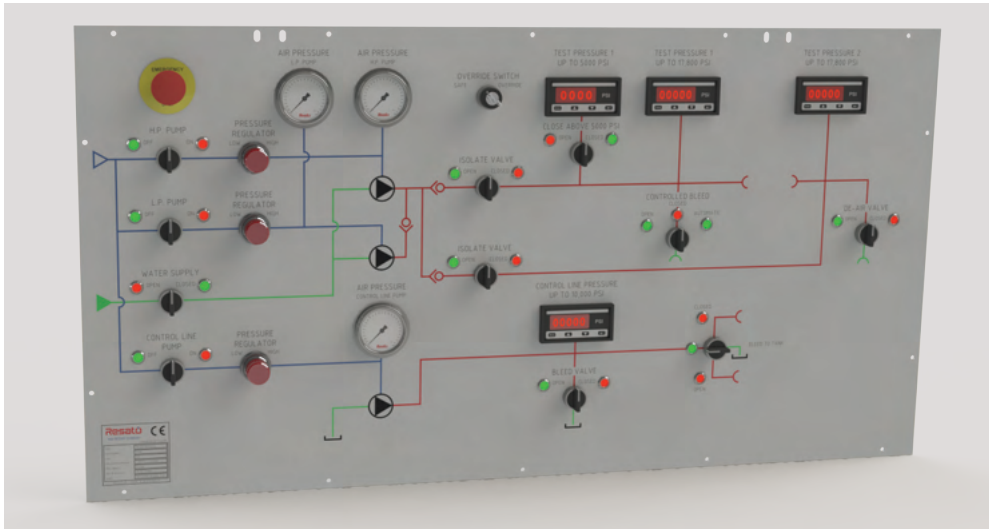
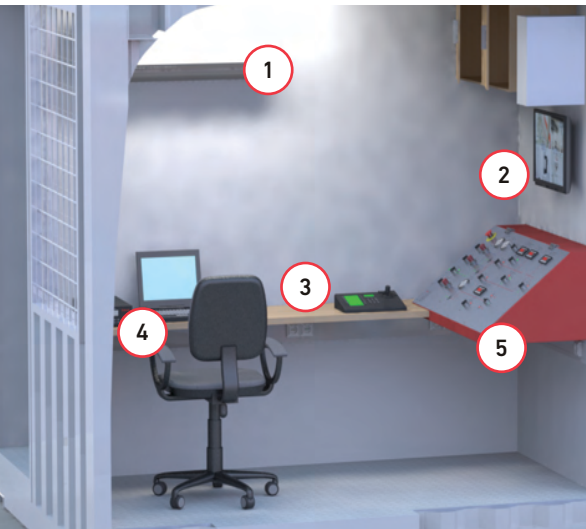
ITEM

DESCRIPTION

- | | |
|---|--|
| 1 | 2 metres electric extendable beam with single 3 tons electric hoist. |
| 2 | Dual hydrostatic test line 11,500 psi |
| 3 | Hydraulic open/close line: 10,000 psi |
| 4 | De-air skid |
| 5 | Resato high pressure test unit |
| 6 | Pan, zoom and tilt camera |

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ITEM DESCRIPTION

- | | |
|---|------------------|
| 1 | Air conditioning |
| 2 | Camera monitor |
| 3 | Camera control |
| 4 | Office desk |
| 5 | Control panel |

MEASUREMENT

Provided with multiple pressure transmitters to ensure absolute accuracy < 3% within range 300 – 10,500 psi.

Integrated data acquisition system to generate test certificates

Measuring accuracy: 0,5% FS

TEST LINES

Dual hydrostatic test line: 11,500 psi

Pump setup by means of low pressure / high volume and high pressure / low volume pump to ensure pressure setting from 300 psi up to 11,500 psi.

Object protection by means of programmable maximum unit pressure and controlled pressure bleed.

De-air skid

DUAL CONTROL LINE

Hydraulic open/close control line: 10,000 psi

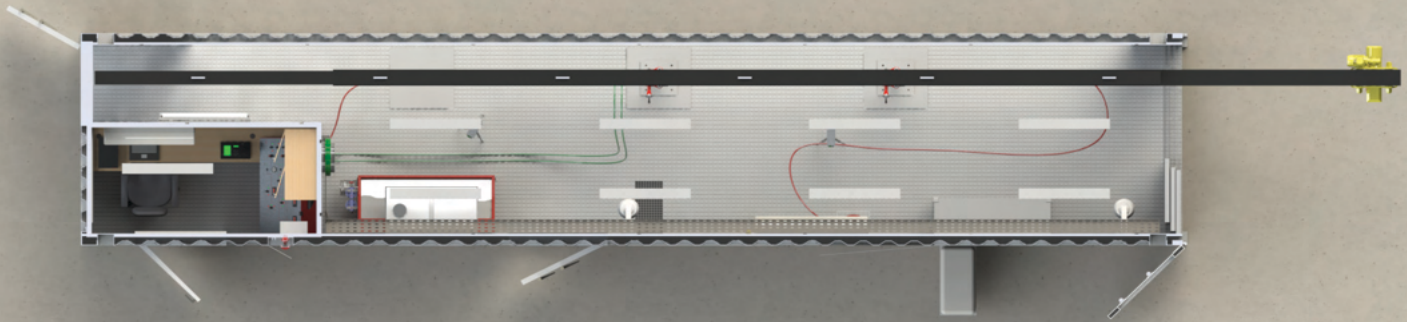
Control lines usable for both open/close as spring returned type valves

Build in 40 litres reservoir

Inline 5 micron high pressure filter

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TECHNICAL SPECIFICATIONS

GENERAL

Dimensions 40ft container	12192 x 2438 x 2896 40 x 8 x 9,6	mm ft
Transportation ship	CSC for top layer certified	

SAFETY

Test bay wall	10 mm test bay steel (S355JO) wall with 18 mm waterproof plywood inlay for shock absorption
Emergency stop button	Emergency stop on control panel and within test bay
Pressure indication	4x flash lights on container in combination with digital pressure read-outs
Pressure containing areas	No high pressure components outside the test bay
Test bay entrance	Door switches and door locks
Camera	2x pan, zoom and tilt camera 2x camera on tripod
General safety design criteria	According to customer specifications

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