

R1729



TRIDENT AUSTRALIA
FLUID SYSTEMS & COMPONENTS



Trident 50L HP Accumulator Skid

Stainless steel accumulator bank comprising of 4 x 54L HP 690 bar bladder accumulators and 2 x 50L MP 400 bar bladder accumulators, split into 3 individually operated systems, each system has an isolation function with PRV's and pressure gauges.

Details

Unit Dimensions: 113cm x 77cm x 242cm

Pre-charged Weight: 2500 kg

Outlets: 3/8" MP Female

Accumulator Volume:

- System 1 & 2: 54L

- System 3: 50L

Max Working Pressure:

- System 1 & 2: 0 – 690 bar

- System 3: 0 – 400 bar

Pre-charge Pressure:

- System 1: 425 bar

- System 2 & 3: 240 bar

Liquid Gauge Pressure: 0 - 690 bar

Pressure Relief Valve: 660 bar

Minimum Gas Inlet Pressure:

- System 1 & 2: 690 bar

- System 3: 400 bar

OPTIONS: Available as a package with all hoses and fittings as required

WORK SAFE REGISTRATION INFORMATION

DESCRIPTION	SERIAL NO.	CERTIFICATE NO.	DESIGN NO.
54L 690 bar Olaer Bladder Accumulator	1597497-A	WP72584	V1500906
54L 690 bar Olaer Bladder Accumulator	1597497-B	WP72583	V1500906
54L 690 bar Olaer Bladder Accumulator	1597497-C	WP72582	V1500906
54L 690 bar Olaer Bladder Accumulator	1597497-D	WP72581	V1500906
50L 400 bar HYDAC Bladder Accumulator	14D583011	WP72580	SD 04117-1
50L 400 bar HYDAC Bladder Accumulator	15D212019	WP72579	SD 04117-1

WHAT YOU NEED.
WHEN YOU NEED IT.



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MP Accumulators (System 1 & 2)	MP Accumulators (System 3)
General Data	General Data
Reference No: R1729 – SYSTEM 1 & 2 P&ID No: TRISQ1729-001-04 Make: Olaer PN No: 5405K-DC-691 Quantity: 4	Reference No: R1729 – SYSTEM 3 P&ID No: TRISQ1729-001-04 Make: Hydac PN No: SB400-50A1/212F-400A Quantity: 2
Design Data	Design Data
Volume: 54L Eff. Gas Volume: 53L Design Pressure: 690 bar Design Temperature: -10°C to +80°C Design Code: AS1210 Fluid Group/Phase: 2 / GAS AS4343: Type B / Class 1H	Volume: 50L Eff. Gas Volume: 47.5L Design Pressure: 660 bar Design Temperature: -10°C to +80°C Design Code: AS1210 Fluid Group/Phase: 2 / GAS AS4343: Type B / Class 1H
Operating Data	Operating Data
Medium: Water Glycol (HW740R) Pre-charge Pressure: 425 bar / 240bar* Operating Pressure: 690 bar Location: Outdoor, Onshore	Medium: Water Glycol (HW740R) Pre-charge Pressure: 240bar Operating Pressure: 400 bar Location: Outdoor, Onshore
Specifications	Specifications
Body Material: Carbon steel- Teflon® Coated Coating: RAL 9003 Bladder Material: Nitrile Weight (empty): 318 kg Pre-charge Connection: 1/4" BSPP (M) Process Connection: 1/2" NPT (F) Burst Disk: 812 bar @ 100°C+/- 10%	Body Material: Carbon Steel Coating: RAL 5002 Bladder Material: Nitrile Weight (empty): 142 kg Pre-charge Connection: 7/8" UNF (M) Process Connection: 2" BSPP (F) / 1/2" BSPP (F) Burst Disk: No

NOTE: *System 2 has been purposed for MP service; resulting pre-charge pressure of 240bar

All of Trident Australia's rental equipment is checked and serviced before every rental job to ensure you get the best product and experience every time

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