



HYDRAULIC POWER UNITS - FLUSHING RIGS
HIRE FLEET

Series 025 **Fixed Delivery Pump 12L/Min at 207 Bar,
Electric Motor 5.5 Kw. Tank capacity 130L
Filtration 3 Micron outlet, 10 micron return
Suitable for Mineral Oil only
Connection 3 / 8" BSP Female**

**One (1) Off Filter Element 0030D003 BNHC (As below)
One (1) Off Filter Element MF1002A10HB (Fitted to Unit)**

Series 031 **Variable Displacement Piston Pump,
58L/Min, 1500 RPM at 207 Bar - 65L/Min, 1750 at 207 Bar
Eexd Electric Motor, 22Kw 415 / 440V 3Ph 50 / 60Hz.
Filtration 3 Micron, Tank Capacity 250L
c/w Water Type Oil Cooler.
Suitable for both Mineral Oil and Water Based Fluids
Connection ¾ NPT Female**

Two (2) Off Filter Element 324141 (Fitted to Unit)

Series 050 **Variable Displacement Piston Pump,
58L/Min, 1500 RPM at 207 Bar - 65L/Min, 1750 at 207 Bar
Eexd Electric Motor, 22Kw 415 / 440V 3Ph 50 / 60Hz.
Filtration 3 Micron, Tank Capacity 250L
c/w Water Type Oil Cooler.
Suitable for either / or Mineral Oil and Water Based Fluids
Connection ¾ NPT Female. All St. St. Construction**

Two (2) Off Filter Element 324141

Series 060 **Fixed Delivery Duplex Pump
Flow at 1760 - 30L/Min at 207 bar, and/or 13L/Min at 400 bar
Flow at 1450 - 25L/Min at 207 bar, and/or 10L/Min at 400 bar
Eexd Electric Motor - 15 Kw / 440 / 3PH / 60 HZ
Tank Capacity 250 Litres c/w Water Type Oil Cooler**

**Suitable for both Mineral Oil and Water Based Fluids
Connection ¾ NPT Female**

Two (2) Off Filter Elements 324859 ISO 6 (Fitted to Unit)

***WE DESIGN AND MANUFACTURE TO CUSTOMER REQUIREMENTS.
SYSTEM FLUSHING AND FLUID ANALYSIS ALSO AVAILABLE***

**FOR FURTHER INFORMATION CONTACT JOHANNA WATT / RICHARD WATT ON:
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HYDRAULIC POWER UNITS - FLUSHING RIGS
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Series 070 Hydraulic Test Unit with Accumulation - Air Driven
345 bar, Max. Working Pressure. 37L Accumulator
300 Litre Tank, 3 Micron Filtration c/w Clean-up System
Stainless Steel Construction - 8 JIC Terminations
Suitable for both Mineral Oil and Water Based Fluids

One (1) Filter Element Part No: 326894 (Fitted to Unit)
One (1) Filter Element Part No: HC 7400SKPC4H “

Series 075 Hydraulic Test Unit with Accumulation - Air Driven
690 bar Max. Working Pressure. 15L Piston Accumulator
250 Litre Tank, Stainless Steel Construction
Terminations 3/8 NPT Female Outlet
Suitable for both Mineral Oil and Water Based Fluids

One (1) Off Filter Elements Part No: 326895 (Fitted to Unit)

Series 120 Variable Displacement Piston Pump
77L / Min at 1500 R.P.M. - 207 bar,
92.7 L/Min, 1800 R.P.M. - 207 bar
38 kW Eexd Electric Motor - 415 / 440V / 3PH 50 / 60 HZ
Tank capacity 350 Litres c/w Water type Oil cooler
Manufactured to DNV 2.7.1 / ATEX Compliant
Unit all Stainless Steel construction
Suitable for both Mineral Oil and / or Water Based Fluids
Connection 1 ¼ NPT Female

Two (2) Off Filter Element 324141 (Fitted to Unit)

Series 150 Variable Displacement Piston Pump,
58L/Min, 1500 RPM at 207 Bar - 65L/Min, 1750 at 207 Bar
Eexd Electric Motor, 22Kw 415 / 440V 3Ph 50 / 60Hz.
Filtration 3 Micron, Tank Capacity 250L c/w Water
Type Oil Cooler. Suitable for Zone 1 Hazardous Area.
Manufactured to DNV 2.7.1 / ATEX Compliant
Unit all Stainless Steel construction
Suitable for both Mineral Oil and / or Water Based Fluids

Two (2) Off Filter Element 324141 (Fitted to Unit)

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UNIT: DESCRIPTIONS:

Series 160 **Fixed Delivery Duplex Pump**
Flow at 1760 - 30L/Min at 207 bar, and/or 13L/Min at 400 bar
Flow at 1450 – 25L/Min at 207 bar, and/or 10L/Min at 400 bar
Eexd Electric Motor – 15 Kw / 440 / 3PH / 60 HZ
Tank Capacity 250 Litres c/w Water Type Oil Cooler
Suitable for Zone 1 Hazardous Area
Manufactured to DNV 2.7.1 / ATEX Compliant
Unit all Stainless Steel construction
Suitable for both Mineral Oil and / or Water Based Fluids

Two (2) Off Filter Element 327751 (01E903VG30 EP ISO6)

Series 175 **Hydraulic Test Unit with Accumulation - Air Driven**
690 bar Max. Working Pressure. 15L Piston Accumulator
250 Litre Tank, Stainless Steel Construction
Built in accordance with DNV 2-7.1 / PED / PSSR
Terminations 3/8 NPT Female Outlet
Suitable for both Mineral Oil and / or Water Based Fluids

One (1) of Filter Element Part No: 326895

Series 200-M **Electro/Hydraulic Pressure Test / Flushing Unit of all St. St.**
struction and built in accordance with DNV 2-7.1 / ATEX /
PED / PSSR consisting of three separate systems:
Flushing System powered by 22kW Electric Motor with flows of
58L/Min at 207 bar, 1500 RPM / 65L/Min at 207 bar, 1800 RPM.
Eexd Electric Motor, 22Kw 415 / 440V 3Ph 50 / 60Hz.
250L Reservoir c/w Water Type Oil Cooler / 3 Micron Filtration
M.P. system - 400 bar Air Driven Pump with 20L Accumulation
H.P. System - 1000 bar Air Driven Pump. Connections: Air Inlet:
3/8" BSP Flush Outlet: 1/2" BSP, Flush Return: 3/4" BSP, Drains: 1/2",
MP Outlet 3/8" BSP, HP Outlet 1/4" MP 9-6JIC) Water In/Out 1" BSP

Filter Elements Required : Two (2) Off FE 327751 (Fitted to Unit)

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HYDRAULIC POWER UNITS - FLUSHING RIGS
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UNIT: DESCRIPTIONS;

Series 250 : Dual System Air Driven Hydraulic Pressure Test Unit
Consisting of two systems. The H.P. System is powered
690 bar Air Driven Hydraulic Pump c/w a12L Bladder
Accumulator. The M.P. System has a 345 bar Air Drive
Hydraulic Pump and a 20L Bladder Accumulator.

The HPU is contained within a Stainless Steel Frame c/w
Lifting Points, Forlift slots and Top safety Grid. The HPU
Complies with ATEX 94/9//EC, P.S.S.R., and Pressure
Equipment Directive (PED 97/23/EC).

Connections:

Air Inlet - ½ NPT (F) / Fill Inlet - 8 JIC
345 bar System - Two (2) -8 JIC (M)
690 bar System - Two (2) -6 JIC (M)
Return Line - 8 JIC (M)

Filter Elements:

One (1) HC 7400SKP4H (Fitted to Unit)
Two (2) FE 335216 (Fitted to Unit)



Fluid Analysis Equipment

Series PC: Laser Particle Analyser c/w Water Sensor. The Set contains
500ml Bottle Sampler and associated Glassware.
The Particle Counter is suitable for use with Mineral Oil &
Water Glycol Fluids

Series : Range of Comparison Microscopes c/w Vacuum Pump, Flask,
001 various slides to NAS 1638,. Filters and Membranes to suit.
Housed within a Transit Case (Laboratory Microscope



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Ancillary Items:

Series 010	Range of Nitrogen Intensifiers _ - ATEX Compliant Maximum Range - 10,000 PSI Working Pressure Inlet / Outlet Connections 1/4" BSP
Series 040	Range of Hand Pumps Maximum Range - 10,000 PSI Working Pressure
Series 045	Air Operated Diaphragm Transfer Pump c/w Hoses and 3 micron Filter Element (AS BELOW) One (1) Off Filter Element Part No. HC7400SKP4H -ISO 6 One (1) Off Filter Element Part No. CS05FN (Non ISO 6)
Series 090	Range of Air Blast Oil Coolers (Price Available upon request) Suitable for mineral oil. Electrically Driven
Series MSB 210	Minipacks c/w with reservoir - 10,000 PSI Pressure rated (Haskel /Madan Air Driven Pumps)
Series MSB 220	Minipacks c/w with reservoir - 20,000 PSI Pressure rated (Haskel /Madan Air driven Pumps)
Series Chart Recorders	1000 PSI / 5000 PSI / 15,000 PSI / 30,000 PSI
Series Test Gauges	10,000 PSI / 30,000 PSI
Series 'A' Frames	22,000 PSI / 5 Port
Series Hose	High Pressure Test Hoses: 1 Metre Lg / 3 Metre Lg / 6 Metre Lg / 10 Metre Lg
Hoses	Hydraulic Hoses 10 Metre Lengths / 20 Metre Lengths



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Accumulator Banks / Accumulators

Four (4) x 37 Litre / 5000 P.S.I. Banks -



54 Litre Standard Accumulators

1/4" BSP Charging Valve / 2" BSP (F) Fluid Port

37 Litre Standard Accumulators

1/4" BSP Charging Valve / 2" BSP (F) Fluid Port

28 Litre Standard Accumulators

1/4" BSP Charging Valve / 2" BSP (F) Fluid Port

20 Litre Standard Accumulators

1/4" BSP Charging Valve / 2" BSP (F) Fluid Port

10 Litre Standard Accumulators

1/4" BSP Charging Valve / 2" BSP (F) Fluid Port

4 Litre Standard Accumulators

1/4" BSP Charging Valve / 2" BSP (F) Fluid Port

1 Litre Standard Accumulators

1/4" BSP Charging Valve / 3/4" BSP (F) Fluid Port

The above Accumulators Pressure Rated to 345 bar



ADDITIONAL SERVICES

ACCUMULATOR RECERTIFICATION

As Agents for a wide range of Accumulators and Ancillary Equipment, we also have the facility to provide Accumulator Recertification / Nitrogen Pre-charge at our Aberdeen Base to enable the quick turn around for Users in the North of Scotland Manufacturing and Offshore Industries.

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