

INDUSTRIAL APPLICATIONS



MOVING & MEASURING FLUIDS™

SINCE 1898

Orion offers comprehensive solutions for fluid handling. With a focus on strengthening our customers' profitability, efficiency, and working environment, we help you every step of the way – from early consultation to installation and ongoing service.

Orion is part of Alentec & Orion AB, which develops, manufactures and markets equipment and services in pumping, measuring and dosing.

The head office and warehouse are located in Älta, south-east of Stockholm, Sweden.

The environmental aspect is always an important part of the design, installation and service process. For us, the obvious goal is to reduce our and our customers' environmental impact, which we do primarily through our products and solutions. For our operations, we have established a process-based quality and environmental management system, according to the requirements of ISO 9001 and ISO 14001.

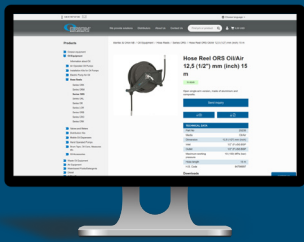
ORION PRODUCTS ARE SOLD ALL OVER THE WORLD. WE HAVE DISTRIBUTORS IN OVER 70 COUNTRIES AND SALES OFFICES IN THE UK, BELGIUM AND FRANCE.

 Head office

 Subsidiary

 Distributor (for more information, see www.orionlube.com)





PRODUCTS CONCEPTS SOLUTIONS

We supply everything from single products to complete turnkey installations.

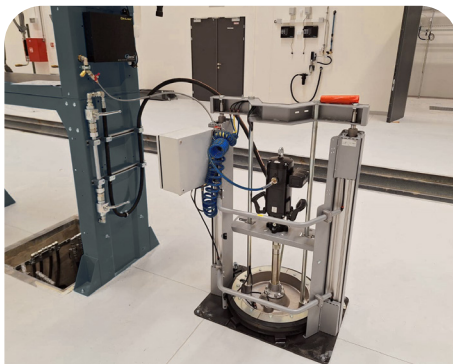
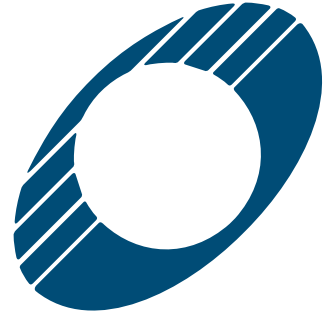


24-HOUR SERVICE ON OUR WEBSITE

Download manuals and high resolution photos • Contact information • Distributor locator

Always available

When logged in, customers can also: View prices • Exact stock levels • Place orders • See previous orders



**WE ARE
ISO CERTIFIED
ACCORDING TO
ISO 9001 &
ISO 14001**



Head office and warehouse



Manufacturing and R&D

MOVING & MEASURING FLUIDS™



MINING & MINERALS



AGRICULTURE



CONSTRUCTION & INFRASTRUCTURE



MANUFACTURING & PRODUCTION



PULP & PAPER



OEM



OIL & GAS



HEAVY MACHINERY



DEFENSE



MARINE



TRAINS



TRUCKS & BUSES



AVIATION

CUSTOMISED SOLUTIONS



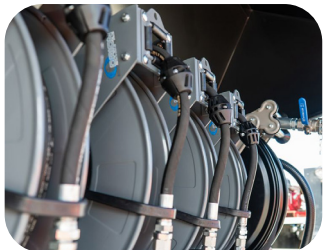
LUBE TRUCKS



LUBE CONTAINERS



LUBE TRAILERS





PRODUCTION FILLING



WORKSHOPS



MOBILE SOLUTIONS



HEAVY DUTY GREASE PUMPS & ACCESSORIES

The Orion heavy duty grease pumps deliver smooth and reliable grease flow for demanding fixed applications. Built with robust air motors, premium materials, and long-life seals, they ensure high performance, low air consumption and minimal maintenance.

- PRE-LUBRICATED AIR MOTOR
- CONSISTENT AND SMOOTH FLUID FLOW
- CONSTRUCTED IN PREMIUM MATERIALS
- OPTIMISED AIR EXHAUST
- ON-DEMAND OPERATION





HEAVY-DUTY 80 MM AIR MOTOR

60:1 Part no. 12810 (12-20 kg),
12811 (50 kg), 12812 (180 kg)

Capacity: 2 000 g/min free flow

HEAVY-DUTY 115 MM AIR MOTOR

25:1, Part no. 12825
40:1, Part no. 12820 (bulk), 12821
(50 kg), 12822 (180 kg)
70:1, Part no. 12830 (bulk), 12831
(50 kg), 12832 (180 kg)

Capacity: 7 500 - 16 000
g/min free flow

HEAVY-DUTY 160 MM AIR MOTOR

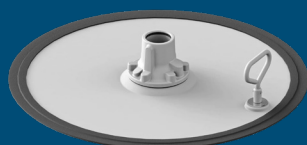
12:1, Part no. 12840
80:1, Part no. 12841 (50kg), 12842
(180 kg)

Capacity: 8 000 - 40 000
g/min free flow

APPLICATIONS

Heavy Duty service shops • Lube Trucks • Mining and Construction • Railroad • In-plant • Marine

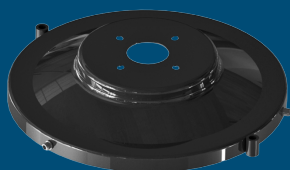
ACCESSORIES



FOLLOWER PLATE 50 & 180 KG

Part no. 18577, 18578

Eliminate cavitation and help pump priming.
Rubber flange minimises waste by wiping the
inner drum wall.



DRUM COVER 50 & 180 KG

Part no. 18548, 18547

Made of sheet metal with G2"(f) thread for
the pump bung adapter and three retaining
screws.



SINGLE POST RAM WITH PUMP 40:1

Part no. 18440

Gravity assisted pump ram. The ram can
easily rotate between three barrels for quick
changes.

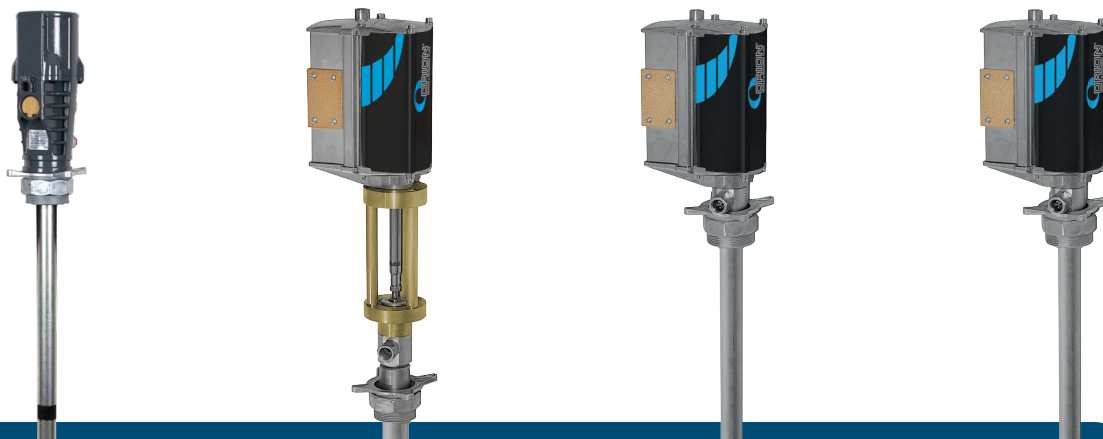


TWO POST RAM WITH PUMP 40:1

Part no. 18340

Premium solution for heavy grease distribu-
tion. Greases up to NLGI 6.

STANDARD DUTY GREASE PUMPS & ACCESSORIES



GREASE PUMP 55:1	GREASE PUMP 60:1 (DIVORCED AIR MOTOR)	GREASE PUMP 60:1	GREASE PUMP 80:1
Part no. 12540 (12-20 kg) 12541 (50 kg) 12542 (180 kg)	Part no. 12650 (12-20 kg) 12651 (50 kg) 12652 (180 kg)	Part no. 12750 (12-20 kg) 12751 (50 kg) 12752 (180 kg)	Part no. 12755 (12-20 kg) 12756 (50 kg) 12757 (180 kg)
Capacity: 600 g/min free flow	Capacity: 1 100 g/min free flow	Capacity: 1 100 g/min free flow	Capacity: 730 g/min free flow
APPLICATIONS Agriculture • Service shops • Light industrial			

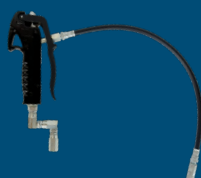
ACCESSORIES



MOBILE PUMP HOIST 12-20 KG WITH PUMP

Part no. 18200

Mobile unit designed for use with sticky and high viscosity greases up to NLGI 3.



HYDRAULIC CONNECTOR AND Z-SWIVEL

Part no. 14617

High pressure grease control valve with ergonomic design. Manufactured in aluminium with steel high pressure insert. Outlet hose with 3 jaw connector.



INLET STRAINER FOR GREASE PUMPS

Part no. 1125372

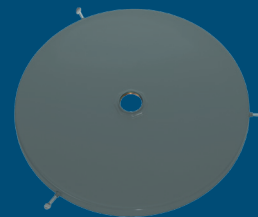
The strainer is mounted directly on to the inlet to prevent any contamination of the grease.



FOLLOWER PLATE 12,5, 18- 20, 25, 50 & 180 KG

Part no. 18569, 18570, 18575, 18571,
18572, 18573

Eliminate cavitation and help pump priming. Rubber flange minimises waste by wiping the inner drum wall. Can be used with pump tube diameters 26-42 mm.



DRUM COVER 12,5, 18-20, 25, 50 & 180 KG

Part no. 18544, 18545, 18546, 18543,
18542

Made of sheet metal with G2"(f) thread for the pump bung adapter and three retaining screws.

MOBILE GREASE DISPENSERS

Built for dependable grease handling, these solutions combine robust design with smooth and controlled operation. Durable components ensure reliable performance and a long service life, even in demanding environments.



MOBILE GREASE PUMP FOR 180 KG DRUMS

Part no. 12210

Consisting of pump (pressure ratio 60:1), three wheeled trolley, drum lid, grease hose, z-swivel and grease control valve.

Capacity: 1100 gr/min. Hose length: 3 m.



MOBILE GREASE PUMP FOR 50 KG DRUM

Part no. 12235

Consisting of pump (pressure ratio 60:1), four wheeled trolley with protective cover, 1/4" quick coupling, drum lid, grease hose, z-swivel and grease control valve.

Capacity: 1100 gr/min. Hose length: 3 m.



HEAVY-DUTY OIL PUMPS

The Orion heavy-duty air operated oil pumps are designed for reliable and efficient operation in demanding industrial environments.

The high-efficiency air motors feature a pneumatic air valve with minimal moving parts and no springs, ensuring consistent performance and reduced wear. Optimised air exhaust prevents freezing and ensures uninterrupted operation under varying conditions.

A robust cast iron pump casing adds strength and durability, while the built-in port for a pressure relief valve ensures safe system protection against overpressure caused by thermal expansion.

- HIGH-EFFICIENCY AIR MOTOR
- OPTIMISED AIR EXHAUST
- LONG-LIFE SEALS
- ROBUST CAST IRON PUMP CASING
- ON-DEMAND OPERATION





HEAVY DUTY 5:1 80 MM AIR MOTOR	HEAVY DUTY 3:1 115 MM AIR MOTOR	HEAVY DUTY 6:1 115 MM AIR MOTOR	HEAVY DUTY 10:1 115 MM AIR MOTOR
Part no. 22431 (stub) 22432 (208 l)	Part no. 22440	Part no. 22441	Part no. 22443 (stub) 22442 (208 l)
30 l/min	Capacity: 120 l/min free flow	Capacity: 100 l/min free flow	Capacity: 68 l/min free flow

APPLICATIONS

Large truck & bus dealers • Construction equipment maintenance • Mining equipment •
Large fleets • Railroad • Marine • In-plant oil distribution and transfer



HEAVY DUTY 6:1 160 MM AIR MOTOR	HEAVY DUTY 12:1 160 MM AIR MOTOR
Part no. 22450	Part no. 22451
Capacity: 100 l/min free flow	Capacity: 65 l/min free flow

APPLICATIONS

Very large auto and truck dealers • Construction equipment maintenance • Mining equipment •
Large fleets • Railroad • Marine • In-plant oil distribution and transfer

STANDARD DUTY OIL PUMPS



OIL PUMP 1:1	OIL PUMP 3:1	OIL PUMP 5:1	OIL PUMP 15:1
Part no. 22800 (stub) 22805 (208 l)	Part no. 22810 (stub) 22819 (60 l) 22815 (208 l)	Part no. 22850 (stub) 22852 (208 l)	Part no. 22760 (stub) 22762 (208 l)
Capacity: 40 l/min free flow 2-5 m hose	Capacity: 22 l/min free flow Pipelines < 50m	Capacity: 38 l/min free flow Pipelines > 50m	Capacity: 15 l/min free flow Large installations

APPLICATIONS

Vehicle maintenance centers • Service shops • Fast lube centres • Agriculture • Marine • In-plant



MOBILE OIL DISPENSERS

Designed for mobile fluid dispensing and measurement in industrial environments, these units allow operators to perform accurate fluid handling wherever it is needed. The portable design provides flexibility across production areas, service points or maintenance tasks.



MOBILE OIL DISPENSER 208 L

Part no. 22154

Consists of an oil pump 22805, 1/2" oil hose (3m) with hose end meter 20371 and drum trolley 28645. Capacity: 40 l/min. Hose length: 3 m.



MOBILE OIL DISPENSER 208 L, HEAVY DUTY SAFETY TROLLEY WITH AIR TYRES

Part no. 22161

Consists of an oil pump 22815, hose reel 10m 26432 with hose end meter 20371 and drum trolley 28391.

The drum is placed on a safety trolley which means that if the drum were to start leaking, there will be no spillage on the floor or ground. When there is no area to normally park ordinary drum trolleys at the end of the day, this is the ideal solution.

Perfect for service in the field in construction-, mining and marine sectors and other sensitive environments.

Capacity: 22 l/min. Hose reel length: 10 m.

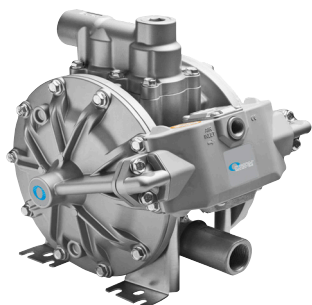


AIR OPERATED DIAPHRAGM PUMPS – AODD

The Orion AODD pumps are very versatile for low to medium viscosity fluid transfer. Orion offers an extensive range of AODD pumps for a wide variety of applications. More models are available upon demand.

- DRY-RUNNING CAPACITY AND DRY SELF-PRIMING
- CAN PUMP CLEAN FLUIDS OR FLUIDS WITH SUSPENDED SOLIDS
- BEST PUMP FOR ABRASIVE, CORROSIVE AND SHEAR SENSITIVE FLUIDS
- ON-DEMAND OPERATION

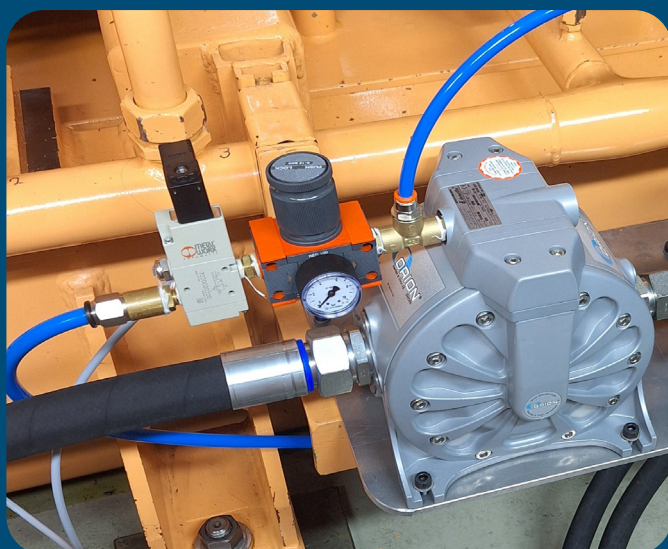




1" ALUMINUM	1" ALUMINUM	1/2" ALUMINUM	1" ALUMINUM
Part no. 22310	Part no. 22332	Part no. 22282	Part no. 22283
Capacity: 100 l/min free flow	Capacity: 200 l/min free flow	Capacity: 54 l/min free flow	Capacity: 130 l/min free flow



3/8" CONDUCTIVE ACETAL	1/2" CONDUCTIVE ACETAL	1/2" STAINLESS STEEL
Part no. 22286	Part no. 22287	Part no. 22288
Capacity: 31 l/min free flow	Capacity: 54 l/min free flow	Capacity: 54 l/min free flow



ELECTRICAL PUMPS

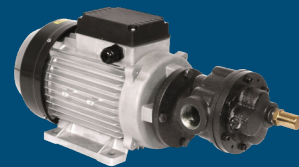
High-performance electric pumps designed for reliable transfer and dispensing of oil and diesel in industrial environments. Featuring self-priming operation, durable construction and efficient flow capacity, these pumps provide dependable performance for both stationary and mobile applications.

- AUTOMATIC OPERATION ALTERNATIVES
- INSTALLATION FLEXIBILITY
- SELF-PRIMING CAPABILITY
- INTEGRATED BY-PASS VALVE



ELECTRIC OIL PUMP 230V 9.5/13 L / MIN
Part no. 52510 (9.5 l/min), 52515 (13 l/min)

Electric gear pump. Self-priming with built in by-pass and pressure switch for controlled oil dispensing.



ELECTRIC OIL PUMP 230V 50/70 L/MIN
Part no. 52525 (50 l/min), 52527 (70 l/min)

Electric gear pump. Self-priming with built in by-pass. Suitable for use with hydraulic oil, gear oil and other lubricating oils.



DIESEL TRANSFER PUMP 12V/24V 40/60 L/MIN
Part no. 53712 (12V 40 l/min) , 53714 (12 V 60 l/min), 53711 (24V 40 l/min)

Diesel transfer pump kit equipped with 4 m x Ø 19 mm delivery hose, aluminium delivery nozzle and 2 m cable with alligator clamps.



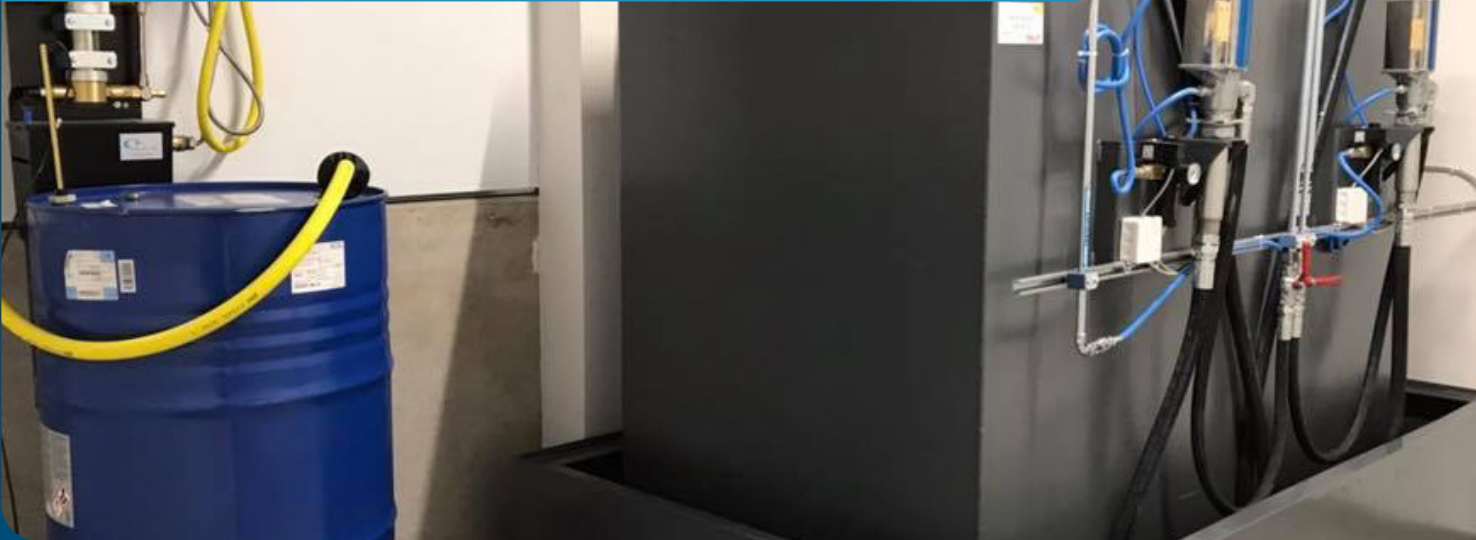
DIESEL TRANSFER PUMP 230V 70 L/MIN
Part no. 53741

Self priming pumps with self-adjustable vanes. The pump includes a by-pass valve and a built in filter with easy access for cleaning.

STAINLESS STEEL PUMPS

			
4:1	4:1	1:1	1:1
Part no. 22770	Part no. 22776	Part no. 22777	Part no. 22825
Capacity: 30 l/min free flow	Capacity: 30 l/min free flow	Capacity: 30 l/min free flow	Capacity: 40 l/min free flow
Double acting liquid pump for corrosive liquids, windscreen liquid etc. Bung adapter G 2 "(m) (part No 2125753) included.	ATEX classified. Double acting liquid pump for corrosive liquids, windscreen liquid etc. Bung adapter G 2 "(m) (part No 2125753) included. Fits 208 liter drum.	Double acting liquid pump for corrosive liquids, windscreen liquid etc. Bung adapter G 2 "(m) (part No 28595) included. Fits 208 liter drum.	Corrosion protected, air operated, double acting liquid pump for glycol etc. Bung adapter G 2" (m) (part No 28595) included. Fits 208 liter drum.

- SUITABLE FOR A WIDE RANGE OF FLUIDS
- ATEX CLASSIFIED ALTERNATIVES
- WETTED PARTS MATERIALS: AISI 316, PTFE (TEFLON®), VITON
- DUAL-ACTION PUMP



HOSE REELS

ORM HOSE REEL SERIES – BUILT FOR RELIABLE PERFORMANCE

The ORM hose reel series is engineered for demanding industrial environments where durability, smooth operation, and long service life are essential. With a robust steel design and carefully optimised components, ORM delivers dependable hose handling day after day—whether in workshops, production facilities, or heavy-duty applications.

- STREAMLINED CONSTRUCTION FOR DURABILITY
- SPRING-POWERED RETRACTION
- STEEL CONSTRUCTION
- HIGH-QUALITY BALL BEARINGS

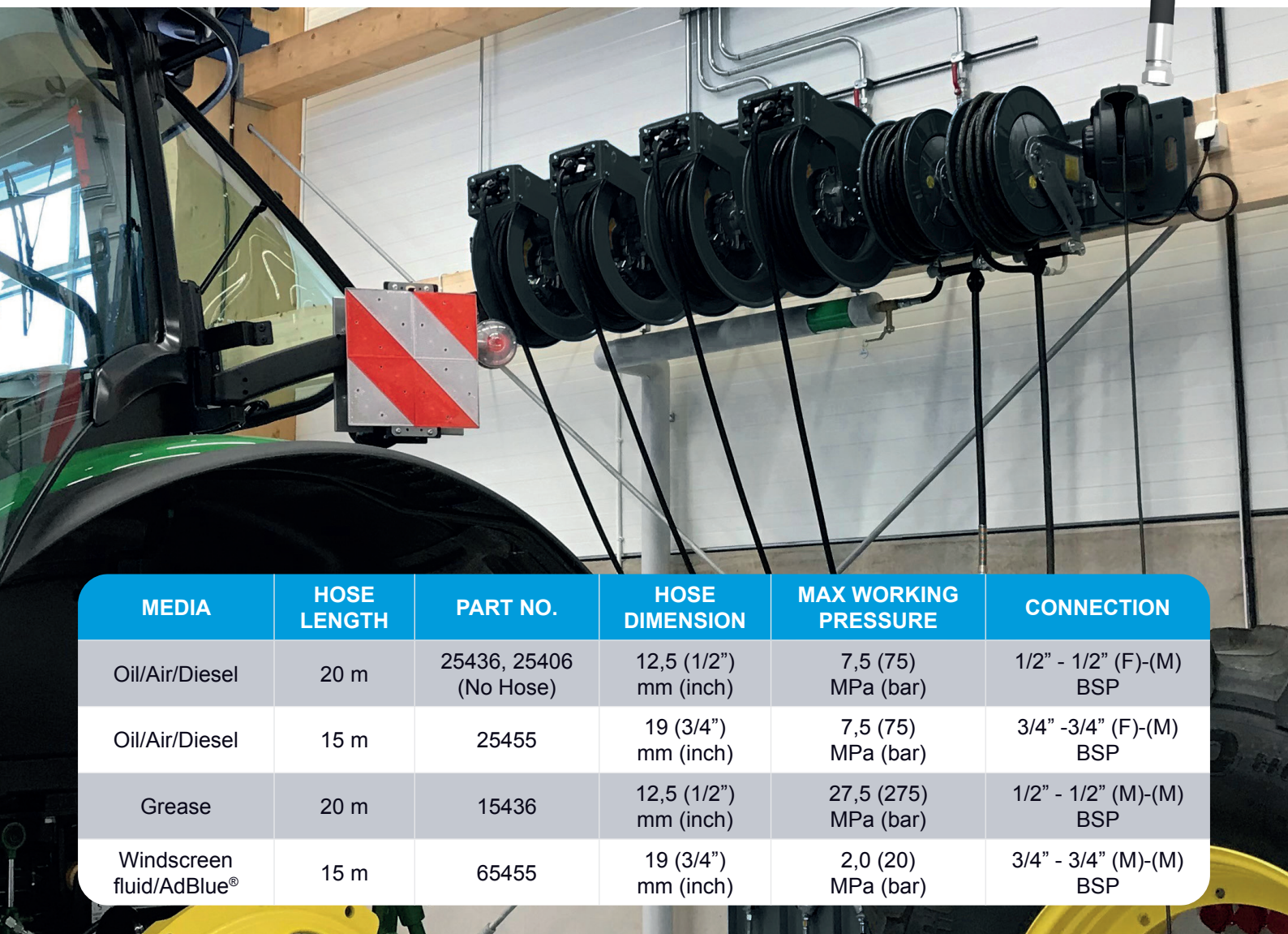


MEDIA	HOSE LENGTH	PART NO.	HOSE DIMENSION	MAX WORKING PRESSURE	CONNECTION
Oil/Air	15 m	25135, 25105 (No Hose)	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	1/2" - 1/2" (F)-(M) BSP
Grease		15125, 15105 (No Hose)	10 (3/8") mm (inch)	35 (350) MPa (bar)	3/8" - 3/8" (M)- (M) BSP
Air/Water		45135	12,5 (1/2") mm (inch)	2,0 (20) MPa (bar)	1/2" - 1/2" (M)- (M) BSP
Windscreen fluid/Degreaser		65135	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	1/2" - 1/2" (M)- (M) BSP
Hot Water		55125	10 (3/8") mm (inch)	18 (180) MPa (bar)	3/8" - 3/8" (M)- (M) BSP

ORL HOSE REEL SERIES – ENGINEERED FOR HEAVY-DUTY PERFORMANCE

The ORL hose reel series is designed for the most demanding industrial applications, where high volumes, long hose lengths, and continuous operation place extreme demands on equipment. Built with reinforced steel components, heavy-duty swivels, and a high-capacity spring mechanism, ORL delivers reliable, controlled hose handling under heavy loads and tough working conditions.

- ROBUST MATERIALS FOR HEAVY-DUTY USE
- HEAVY-DUTY SWIVEL MATERIALS
- REINFORCED STEEL CONSTRUCTION
- HIGH-CAPACITY SPRING MECHANISM
- HIGH-QUALITY BALL BEARINGS



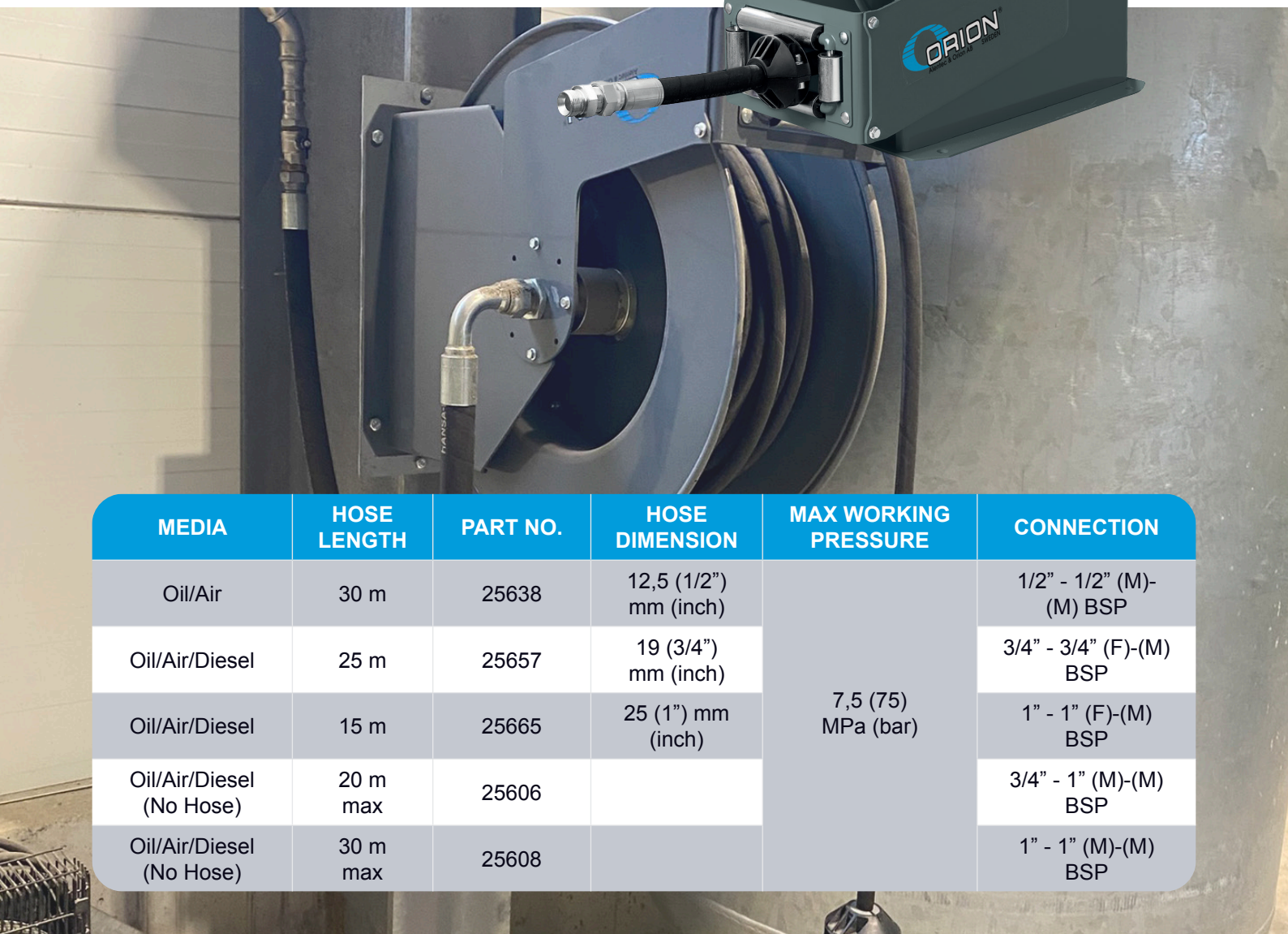
MEDIA	HOSE LENGTH	PART NO.	HOSE DIMENSION	MAX WORKING PRESSURE	CONNECTION
Oil/Air/Diesel	20 m	25436, 25406 (No Hose)	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	1/2" - 1/2" (F)-(M) BSP
Oil/Air/Diesel	15 m	25455	19 (3/4") mm (inch)	7,5 (75) MPa (bar)	3/4" -3/4" (F)-(M) BSP
Grease	20 m	15436	12,5 (1/2") mm (inch)	27,5 (275) MPa (bar)	1/2" - 1/2" (M)-(M) BSP
Windscreen fluid/AdBlue®	15 m	65455	19 (3/4") mm (inch)	2,0 (20) MPa (bar)	3/4" - 3/4" (M)-(M) BSP

HOSE REELS

ORB HOSE REEL SERIES – DESIGNED FOR HIGH-CAPACITY DEMANDS

The ORB hose reel series is developed for applications requiring higher capacity and extended hose lengths without compromising safety or performance. Engineered with reinforced components and a powerful spring mechanism, ORB delivers smooth operation and reliable hose handling even under heavy loads and in demanding industrial environments.

- HIGH CAPACITY & EXTENDED HOSE LENGTHS
- OPTIMISED SPRING MECHANISM
- ROBUST OPEN CONSTRUCTION
- VERSATILE MOUNTING OPTIONS
- HIGH-QUALITY BALL BEARINGS



MEDIA	HOSE LENGTH	PART NO.	HOSE DIMENSION	MAX WORKING PRESSURE	CONNECTION
Oil/Air	30 m	25638	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	1/2" - 1/2" (M)-(M) BSP
Oil/Air/Diesel	25 m	25657	19 (3/4") mm (inch)		3/4" - 3/4" (F)-(M) BSP
Oil/Air/Diesel	15 m	25665	25 (1") mm (inch)		1" - 1" (F)-(M) BSP
Oil/Air/Diesel (No Hose)	20 m max	25606			3/4" - 1" (M)-(M) BSP
Oil/Air/Diesel (No Hose)	30 m max	25608			1" - 1" (M)-(M) BSP

ORH HOSE REEL SERIES – BUILT FOR HIGH FLOW AND HEAVY-DUTY APPLICATIONS

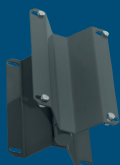
The ORH hose reel series is designed for applications requiring high delivery rates, large hose capacities, and dependable operation under demanding conditions. Featuring a heavy-duty all-metal construction and a dual spring system, ORH delivers smooth, controlled hose handling across industrial environments.

- HIGH DELIVERY RATES & LARGE HOSE DIAMETER
- DUAL POWERFUL SPRING SYSTEM
- HEAVY-DUTY ALL-METAL CONSTRUCTION
- VERSATILE HOSE HANDLING
- HIGH-QUALITY BALL BEARINGS

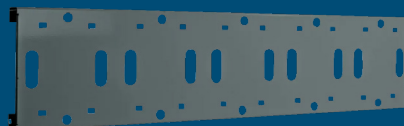


MEDIA	HOSE LENGTH	PART NO.	HOSE DIMENSION	MAX WORKING PRESSURE	CONNECTION
Oil/Diesel	15 m	25885	37,5 (1 1/2") mm (inch)	2,0 (20) MPa (bar)	1 1/2" - 1 1/2" (M)-(M) BSP
Oil/Diesel (No Hose)	15 m	25805			1 1/2" - 1 1/2" (M)-(M) BSP

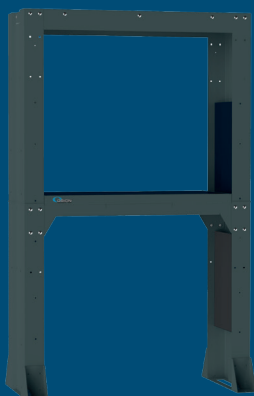
GENERAL ACCESSORIES FOR HOSE REELS



PIVOTING WALL BRACKET
Part no. 28913



MOUNTING RACK FOR 2, 3 OR 5 HOSE REELS Part no. 92182, 92183, 92185



SERVICE STAND FOR 3, 5 OR 6 HOSE REELS Part no. 92173, 92175, 92190



SERVICE TOWER
Part no. 92169

METERS AND VALVES

The Orion range of meters and valves is designed to deliver dependable performance in demanding industrial environments. Built for precision, durability, and consistent flow control, these solutions help minimise waste, ensure correct dosing, and support efficient operations. With robust construction and proven measuring accuracy, they are a reliable choice for industries where uptime, safety, and process control matter.

- PROVEN ACCURACY FOR QUALITY CONTROL
- BUILT FOR CONTINUOUS INDUSTRIAL USE
- EASY CALIBRATION
- SAFE AND CONTROLLED FLUID HANDLING



DIGITAL HOSE END METER HIGH-FLOW WITH OUTLET TUBE 3/4" (F) BSP	DIGITAL HAND METER PRE- SET WITH 90° OUTLET HOSE, AUTOMATIC NON-DRIP 1/2" (F) BSP	DIGITAL HOSE END METER WITH 90° HOSE, AUTOMATIC NON-DRIP 1/2" (F) BSP
Part no. 24756	Part no. 20471	Part no. 20371
Capacity: 70 l/min free flow Accuracy: ± 1 %	Capacity: 30 l/min free flow Accuracy: ± 0.5 %	Capacity: 30 l/min free flow Accuracy: ± 0.5 %
Made of aluminium. Semi auto- matic non-drip nozzle.	Automatic function, the volume to be dispensed can be selected and the meter will shut off auto- matically.	Made of aluminium. Fully automatic non-drip nozzle.

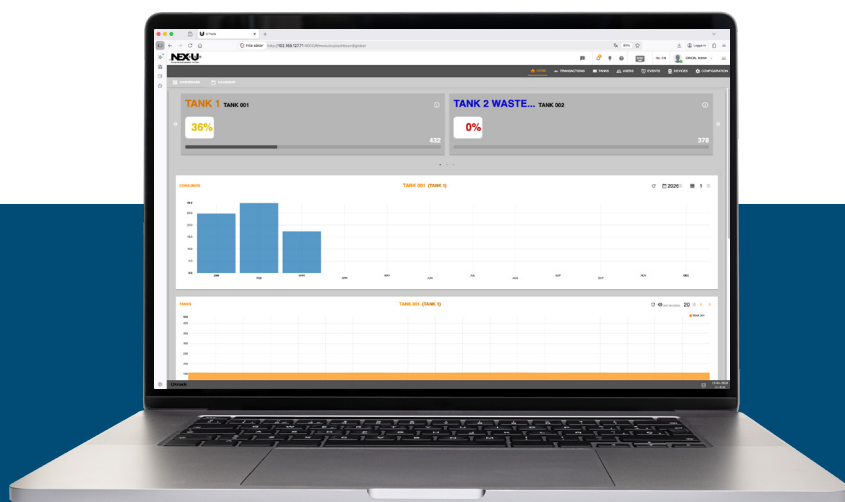


GREASE CONTROL VALVE WITH DIGITAL GREASE METER. 1/4" (F) BSP	DIGITAL HOSE END METER SOFT-CLOSING FOR FLUIDS, LOCKABLE WITH STRAIGHT OUTLET HOSE 1/2" (F) BSP	MECHANICAL HOSE END METER WITH OUTLET HOSE AND AUTOMATIC NON-DRIP 1/2" (F) BSP
Part no. 14720	Part no. 20210	Part no. 24792
Capacity: 2500 gr/min Accuracy: $\pm 2\%$	Capacity: 30 l/min free flow	Capacity: 2 - 20 l/min free flow Accuracy $\pm 0,65\%$
Equipped with current dispense display and resettable trip meter and non-resettable totaliser.	Control valve with swivel and meter. Fitted with a flexible rubber outlet to prevent foaming. Lockable in closed and filling position.	Rotary-piston type. Resettable trip meter. Non-resettable 5 digit totaliser display. No batteries required. Trigger can be locked in open position



MECHANICAL PRE-SET HOSE END METER WITH RIGID OUTLET TUBE 1/2" (F) BSP	OIL CONTROL VALVE 90° HOSE AUTOMATIC NON-DRIP 1/2" (F) BSP	OIL CONTROL VALVE HIGH-FLOW WITH OUTLET TUBE 3/4" (F) BSP 70 L/MIN FREE FLOW
Part no. 24797	Part no. 20376	Part no. 24567
Capacity: 2 - 30 l/min free flow Accuracy $\pm 0,65\%$	Capacity: 40 l/min free flow	Capacity 70 l/min free flow
Rotary-piston type, including swivel, inlet strainer, outlet hose and non-drip nozzle. 5 digit display. Resettable trip meter. Non resettable totaliser. No batteries required	Made of aluminium with large flow capacity. Outlet hose made of rubber and swivel made out of steel.	Made of aluminium. Semi automatic non-drip nozzle.

NEX·U® is an innovative fluid management system that provides the control and the information you require to make your operations more secure and profitable. You will efficiently keep inventory control, using automatic alerts and automatic reordering, eliminating operation downtime. Accurate control of expensive lubricants and other service fluids ensures that the NEX·U® investment is quickly paid back, regardless of installation size.



WHAT DO YOU GAIN WITH A FLUID MONITORING SYSTEM?

QUALITY ASSURANCE

Vehicle is filled with correct fluid as specified for maximum performance.

SECURITY

Unauthorised dispense eliminated. Only active authorised work order and PIN are valid for dispense.

MONITOR MACHINERY CONDITION

Monitor and benchmark comparable machines to quickly detect deviations – enabling efficient troubleshooting of issues such as uneven oil consumption

INCREASED EFFICIENCY

Dispensed volume is automatically registered on the work order.

SHORT ROI

Short payback time.

INCREASED PROFIT

Reduces risk of unnecessary oil consumption by providing real-time insights into machine performance - prevents waste, extend life, and lower operational costs

ENVIRONMENTAL BENEFIT

Reduces overconsumption as vehicle is filled with manufacturer's specified fluid and volume.

ENVIRONMENTAL SECURITY

Reduces risk for spillage and leakage as system is not pressurised when it is not in-use.

CORRECT STOCK VALUE

Complete control of stock in tanks and drums (tank sensor required).

DMS/ERP INTEGRATION

Optional API is available for integrations with 3rd party DMS/ERP.

EFFICIENT FLUID MANAGEMENT FOR:

- Heavy duty maintenance
- Production filling
- Fleet centers
- Lube trucks and mobile service centers
- Vehicle maintenance centers



MAIN COMPONENTS



U-net

Single board computer controls the system and contains the U-track web based software.



U-valve

All-in-one pulse meter, solenoid valve, filter and electronic module with display.



U-dat

System keypad with a full colour, touch screen and a full QWERTY keypad provides full access to Nex·U® and U-track.



U-vision

Handheld display. U-vision+ also includes system access keypad.



U-tank

Provides real-time inventory control and manages different alarm points.

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TECHNICAL DATA

AIR OPERATED GREASE PUMPS & ACCESSORIES

PART NO	12810	12811	12812
Ratio	60:1		
Capacity	2 kg/min		
For container	12,5-20 kg	50 kg	180 kg
Air connection	3/8" BSP (F)		
Maximum air pressure	0,7 (7) MPa (bar)		
Outlet	3/8" BSP (F)		
Length	803 mm	1017 mm	1212 mm

PART NO	12825	12820	12821	12822	12830	12831
Ratio	25:1	40:1		70:1		
Capacity	16 000 gr/min	11 000 gr/min		7 500 gr/min		
For container	180 kg	Bulk	50 kg	180 kg	Bulk	50 kg
Air connection	1/2" (F) BSP					
Maximum air pressure	1,4 (14) MPa (bar)			0,7 (7) MPa (bar)		
Outlet	1/2" (F) BSP					
Length	1357 mm	992 mm	1152 mm	1357 mm	992 mm	1152 mm

PART NO	12832	12840	12841	12842	12540	12541
Ratio	70:1	12:1	80:1		55:1	
Capacity	7 500 gr/min	40 000 gr/min	8 000 gr/min		600 gr/min	
For container	180 kg	Bulk	50 kg	180 kg	12-20 kg	50 kg
Air connection	1/2" (F) BSP				1/4" (F) BSP	
Maximum air pressure	0,7 (7) MPa (bar)				1 (10) MPa (bar)	
Outlet	1/2" (F) BSP				1/4" (F) BSP	
Length	1357 mm	742 mm	1166 mm	1371 mm	710 mm	925 mm

TECHNICAL DATA

AIR OPERATED GREASE PUMPS & ACCESSORIES

PART NO	12542	12650	12651	12652	12750	12751
Ratio	55:1	60:1				
Capacity	600 gr/min	1 100 g/min free flow				
For container	180 kg	12-20 kg	50 kg	180 kg	12-20 kg	50 kg
Air connection	1/4" (F) BSP					
Maximum air pressure	1 (10) MPa (bar)					
Recommended air pressure	0,4 (4) - 0,7 (7) MPa (bar)					
Outlet	1/4" (F) BSP	3/8" (F) BSP				
Length	1120 mm	890 mm	1190 mm	1370 mm	700 mm	1000 mm

PART NO	12752	12755	12756	12757
Ratio	60:1	80:1		
Capacity	1 100 g/min free flow	730 gr/min		
For container	180 kg	12-20 kg	50 kg	180 kg
Air connection	1/4" (F) BSP			
Maximum air pressure	1 (10) MPa (bar)			
Recommended air pressure	0,4 (4) - 0,7 (7) MPa (bar)			
Outlet	3/8" (F) BSP			
Length	1180 mm	700 mm	1000 mm	1180 mm

PART NO	18200	18440	18340
Capacity	1 000 gr/min	11 000 gr/min	11 000 gr/min
For container	12-20 kg	50 kg	180 kg
Air connection	1/2" (F) BSP		
Maximum air pressure	1,0 (10) MPa (bar)	1,4 (14) MPa (bar)	
Outlet	3/8" (F) BSP	1/2" (F) BSP	
Length	613 mm	1357 mm	610 mm
Width	448 mm	588 mm	991 mm
Height	1202 mm	1630 - 2630 mm	1320 - 2250 mm

TECHNICAL DATA

HEAVY-DUTY OIL PUMPS

PART NO	22431	22432	22440	22441
Ratio	5:1		3:1	6:1
Capacity	30 l/min		120 l/min	100 l/min
Air connection	3/8" BSP (F)		1/2" (F) BSP	1/2" (F) BSP
Maximum air pressure	1,2 (12) MPa (bar)		1,2 (12) MPa (bar)	1,2 (12) MPa (bar)
Inlet	1 1/2" (F) BSP			
Outlet	1/2" BSP (F)	1/2" BSP (F)	3/4" (F) BSP	3/4" (F) BSP
Length	469 mm	1194 mm	707 mm	700 mm

PART NO	22443	22442	22450	22451
Ratio	10:1		6:1	12:1
Capacity	68 l/min		100 l/min	65 l/min
Air connection	1/2" (F) BSP			
Maximum air pressure	1,2 (12) MPa (bar)			
Inlet	1 1/2" (F) BSP			
Outlet	3/4" (F) BSP			
Length	704 mm	1357 mm	721 mm	714 mm

STANDARD DUTY OIL PUMPS

PART NO	22800	22805	22810	22819	22815
Ratio	1:1		3:1		
Capacity	40 l/min		22 l/min		
Air connection	1/4" (F) BSP		1/4" (F) BSP		
Maximum air pressure	1 (10) MPa (bar)		1 (10) MPa (bar)		
Inlet	1" (F) BSP		3/4" (F) BSP	Slit	Slit
Outlet	3/4" (F) BSP				
Length	500 mm	1180 mm	495 mm	972 mm	1185 mm

PART NO	22850	22852	22760	22762
Ratio	5:1		15:1	
Capacity	38 l/min		15 l/min	
Air connection	1/4" (F) BSP			
Maximum air pressure	1 (10) MPa (bar)			
Inlet	1" (F) BSP		3/4" (F) BSP	
Outlet	3/4" (F) BSP		3/4" (F) BSP	
Length	500 mm	1180 mm	500 mm	1180 mm

TECHNICAL DATA

MOBILE GREASE & OIL DISPENSERS

PART NO	12210	12235	22154	22161
Ratio	60:1	60:1	1:1	3:1
Capacity	1 000 gr/min	1 000 gr/min	40 l/min	22 l/min
For container	180 kg	50 kg	208 l	208 l
Hose length	3 m	3 m	3 m	10 m hose reel
Pump	12752	12751	22805	22815
Trolley	28667	25611	28645	28391
Valve/meter	14612	14612	20371	20371
Hose reel				26432

AIR OPERATED DIAPHRAGM PUMPS – AODD

PART NO	22332	22310	22282
Capacity	200 l/min	100 l/min	54 l/min
Air connection	3/8" (F) BSP		1/4" (F) NPSM
Maximum air pressure	0,8 (8) MPa (bar)		
Inlet	1" (F) BSP		1/2" (F) BSP
Outlet	1" (F) BSP		1/2" (F) BSP
Seals	NBR / Buna-N		-
Max suction height	8 m	7 m	8 m
Max particle size			2,5 (3/32") mm (inch)
Material pump body	Aluminium		
Material diaphragm	TPE / Hytrel®		NBR / Buna-N
Material balls	POM / Acetal		NBR / Buna-N
Material ball valve seats	TPE / Hytrel®	Stainless steel (AISI 316)	Aluminium
Certification	Ex II2 GD IIB/IIC 95 °C		Ex II2 GD IIB/IIC 95 °C

TECHNICAL DATA

AIR OPERATED DIAPHRAGM PUMPS – AODD

PART NO	22283	22286	22287	22288
Capacity	130 l/min	31 l/min	54 l/min	54 l/min
Air connection	3/8" (F) NPT	1/4" (F) NPSM		
Maximum air pressure	0,8 (8) MPa (bar)			
Inlet	1" (F) BSP	3/8" (F) BSP	1/2" (F) BSP	1/2" (F) BSP
Outlet	1" (F) BSP	3/8" (F) BSP	1/2" (F) BSP	1/2" (F) BSP
Seals	-	PTFE / Teflon®	EPDM	PTFE / Teflon®
Max suction height	8 m	7 m	8 m	8 m
Max particle size	3,2 (1/8) mm (inch)	1,6 (1/16") mm (inch)	2,5 (3/32") mm (inch)	2,5 (3/32") mm (inch)
Material pump body	Aluminium	Conductive acetal	Conductive propylene	Stainless steel
Material diaphragm	NBR / Buna-N	Santoprene®	Santoprene®	Santoprene®
Material balls	NBR / Buna-N	POM / Acetal	Santoprene®	Santoprene®
Material ball valve seats	NBR / Buna-N	POM / Acetal	Polypropylene	Stainless steel (AISI 316)
Certification	ATEX	ATEX	ATEX	ATEX

ELECTRICAL OIL PUMPS

PART NO	52510	52515	52525	52527	53712
Capacity	9,5 l/min	13 l/min	50 l/min	70 l/min	40 l/min
Inlet	3/4" (F) BSP		1" (F) BSP		
Outlet	1" (F) BSP				
Maximum pressure	2 (20) MPa (bar)	2,5 (25) MPa (bar)	0,8 (8) MPa (bar) 0,17 (1,7) MPa (bar)		
Maximum temperature	70 °C	70 °C			
Motor voltage	220-230 V	220-230 V	220-230 V	220-230 V	12 V

PART NO	53714	53711	53741
Capacity	60 l/min	40 l/min	70 l/min
Inlet	1" BSP (F)		1" BSP (F)
Maximum pressure	0,08 (0,8) MPa (bar)		0,17 (1,7) MPa (bar)
Motor voltage	12 V	24 V	230 V AC

TECHNICAL DATA

STAINLESS STEEL PUMPS

PART NO	22770	22776	22777	22825
Ratio	4:1	4:1	1:1	1:1
Capacity	30 l/min	30 l/min	30 l/min	40 l/min
Air connection	1/4" (F) BSP			
Maximum air pressure	1,0 (10) MPa (bar)			
Recommended air pressure	0,3 (3) - 0,5 (5) MPa (bar)			
Inlet	1" (F) BSP			
Outlet	1" (F) BSP		3/4" (M) BSP	
Seals	PTFE / Teflon®			NBR / Buna-N
Material pump body	Stainless steel			Nickel-plated steel
Certification		ATEX		

HOSE REELS

PART NO	25135, 25105 (No hose)	15125, 15105 (No hose)	45135	65135	55125
Media	Oil/Air	Grease	Air/Water	Degreaser/ Windshield Wash	Hot water
Dimensions	12,5 (1/2") mm (inch)	10 (3/8") mm (inch)	12,5 (1/2") mm (inch)	12,5 (1/2") mm (inch)	10 (3/8") mm (inch)
Inlet	1/2" (F)-(M) BSP	3/8" (F)-(M) BSP	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	3/8" (F)-(M) BSP
Outlet	1/2" (F)-(M) BSP	1/4" (M) BSPT	1/2" (M) BSP	1/2" (F)-(M) BSP	3/8" (F)-(M) BSP
Maximum working pressure	7,5 (75) MPa (bar)	35 (350) MPa (bar)	2,0 (20) MPa (bar)	7,5 (75) MPa (bar)	18 (180) MPa (bar)
Hose length	15 m	15 m	15 m	15 m	15 m

PART NO	25436	25455	15436	65455
Media	Oil/Air/ Diesel	Oil/Air/ Diesel	Grease	Windscreen fluid/AdBlue®
Dimensions	12,5 (1/2") mm (inch)	19 (3/4") mm (inch)	12,5 (1/2") mm (inch)	19 (3/4") mm (inch)
Inlet	1/2" (F)-(M) BSP	3/4" (F)-(M) BSP	1/2" (F)-(M) BSP	3/4" (F)-(M) BSP
Outlet	1/2" (F)-(M) BSP	3/4" (F)-(M) BSP	1/2" (F)-(M) BSP	3/4" (F)-(M) BSP
Maximum working pressure	7,5 (75) MPa (bar)	7,5 (75) MPa (bar)	27,5 (275) MPa (bar)	2,0 (20) MPa (bar)
Hose length	20 m	15 m	20 m	15 m

TECHNICAL DATA

HOSE REELS

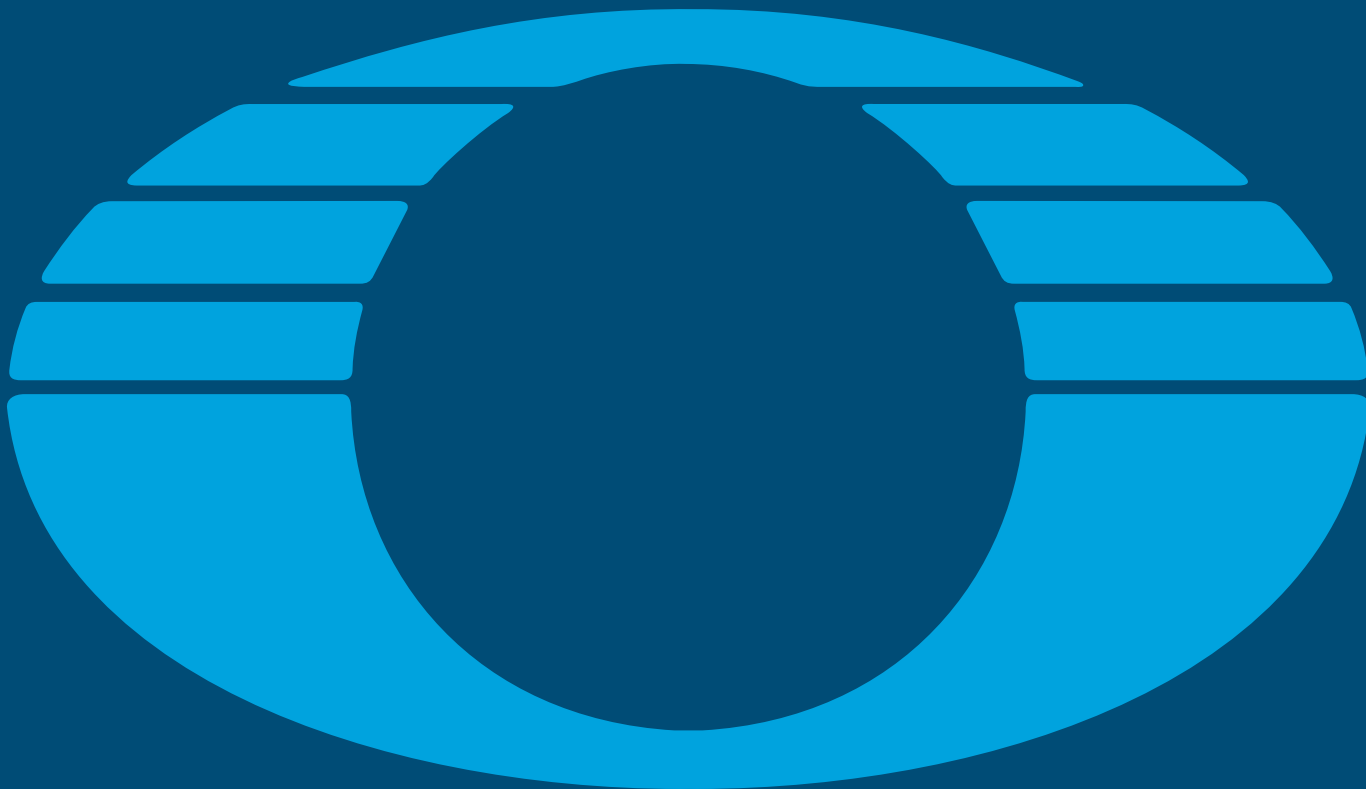
PART NO	25638	25657	25665
Media	Oil/Air	Oil/Air/ Diesel	Oil/Air/ Diesel
Dimensions	12,5 (1/2") mm (inch)	19 (3/4") mm (inch)	25 (1") mm (inch)
Inlet	1" (F)-(M) BSP	3/4" (F)-(M) BSP	1" (F)-(M) BSP
Outlet	1/2" (F)-(M) BSP	3/4" (F)-(M) BSP	1" (F)-(M) BSP
Maximum working pressure	7,5 (75) MPa (bar)		
Hose length	30 m	25 m	15 m

PART NO	25606	25608	25885, 25805 (No hose)
Media	Oil/Air/ Diesel		Oil/Diesel
Dimensions	No hose		37,5 (1 1/2") mm (inch)
Inlet	1" (M) BSP	1" (M) BSP	1 1/2" (F) BSP
Outlet	1" (F) BSP	1" (F) BSP	1 1/2" (F) BSP
Maximum working pressure	7,5 (75) MPa (bar)	7,5 (75) MPa (bar)	2,0 (20) MPa (bar)
Hose length	1"x15 / 3/4"x20 m max (without hose)	1/2"x30 / 3/4"x25 m max (without hose)	15 m

METERS AND VALVES

PART NO	24756	20471	20371	14720
Capacity	70 l/min	0,8-30 l/min	1 - 30 l/min	1000 gr/min
Maximum working pressure	10 (100) MPa (bar)			50 (500) MPa (bar)
Connection	3/4" (F) BSP	1/2" (F) BSP		1/4" (F) BSP
Media	Oil/Glycol/ Diesel	Oil/Glycol	Oil/Glycol	Grease
Preset	0,1 - 999,9 l			

PART NO	20210	24792	24797	20376	24567
Capacity	30 l/min	2 - 20 l/min	2 - 30 l/min	40 l/min	70 l/min
Maximum working pressure	3,0 (30) MPa (bar)	10 (100) MPa (bar)			
Connection	1/2" (F) BSP	1/2" (F) BSP			3/4" (F) BSP
Media	AdBlue®, washer fluid etc.	Oil/Glycol	Oil/Glycol	Oil	Oil



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