An overview of the RAASM world
founded in 1975
the human side of Quality
STUDY, RESEARCH AND DESIGN
The real strength of a firm starts with the ability of its study and research departments to always find the most suitable solutions to address market demands.

TESTING AND INSPECTIONS
A sophisticated test room enables careful testing of the quality of new products before they are put on the market.

ASSEMBLY LINES
Dedicated equipment specially designed to facilitate assembly operations, at the same time allowing an effective and automatic control of quality.
STORAGE OF COMPONENTS
Our vertical stores enable quick and careful preparation of the components and spare parts intended for assembly and sale.

TECHNICAL ASSISTANCE
The aim is to always respond fully to the questions of our customers and meet all their needs.
DEPLETED OIL DRAINERS

**BRAKE BLEEDERS, TYRE INFLATORS, WASH AND DEPLETED OIL COLLECTION**

**BRAKE BLEEDERS**
- With 2 or 3 chambers 5 l

**PORTABLE INFLATORS**
- Automatic filling 13 l
- With inflation gun 13 - 24 l

**WASHING TANKS AND NON-TOXIC SPRAYERS**
- AISI 304 st. steel 24 l
- Painted steel 16 - 24 l
- With brush or by dipping 65 l

**PIT OR FLOOR DRAINERS**
- Adjustable trolley 65 - 110 - 150 l
- With or without exchange pump 50 - 95 - 150 l

**DEPLETED OIL DRAINERS**
- Central or side sump 65 - 90 - 115 l
- With or without prechamber 65 - 90 - 115 l
- With pantograph 65 - 115 l
- Wall mounted pneumatic kit
OIL AND GREASE DISPENSING

HAND-OPERATED PUMPS - PNEUMATIC DISPENSERS
GREASERS 13 kg

Double-acting manual pump 16 - 24 l
Air-operated 8-10 bar 16 - 24 l
With lever or pedal 400 bar 13 kg
High pressure 350 bar transfer 20 bar

AIR-OPERATED OIL AND GREASE PUMPS

Series 500
R 1:1 - 35 l/min
Viton® seals

Series 600
R 3:1 - 14 l/min
NBR seals

Series 650
R 5:1 - 18 l/min
NBR seals

Series 900
R 5:1 - 45 l/min
PU seals

Series 600
R 50:1 - 1500 g/min
PU seals

Series 700
R 65:1 - 1900 g/min
PU seals

Series 900
R 45:1 - 4400 g/min
PU seals

Series 1500
R 70:1 - 7000 g/min
PU seals

OIL AND GREASE DISPENSING KITS

Movable platforms for oil dispensing with pump R 3:1 - 5:1 litre-counter gun and hose reel
Oil dispensing kits for 20 - 220 l drums with pump R 3:1 - 5:1 and litre-counter gun
Movable greasing kits for drums 20 - 200 kg R 50:1 - 1500 g/min
Wall-mounted dispensing kits with pump R 3:1 - 5:1 and hose reel
DISPENSER GUNS, LITRE COUNTERS, PULSERS, SERVICE COLUMNS, FLUID CONTROL SYSTEM

**DISPENSER GUNS**

- **S. 1/2”** for oil. Delivery 40 l/min
- **S. 1/2”** for oil. Delivery 65 l/min
- **S. 3/4”** for oil. Delivery 70 - 85 l/min
- **S. 1/2”** for antifreeze and windshield washing liquid. Delivery 40 l/min

**FLUID CONTROL SYSTEM**

**DIGITAL LITRE COUNTERS AND PULSER FOR OIL, DIESEL FUEL, ANTIFREEZE AND WINDSHIELD FLUID**

- **Series 1/2”**
  - Delivery 35-40 l/min
- **Series 3/4”**
  - Delivery 70-90 l/min
- **Series 1”**
  - Delivery 100-120 l/min

Operator control unit (OCU)  
Service columns
INDUSTRIAL AND DIAPHRAGM PUMPS, RAM HOISTS

DIAPHRAGM PUMPS IN ALUMINIUM R 1:1

In accordance with directive Atex

Series 120-AB
1/2" - 70 l/min

Series 1000-AB
1" - 170 l/min

Series 1140-AB
1 1/4" - 200 l/min

Series 1120-AB
1 1/2" - 480 l/min

Series 2000-AB
2" - 560-610 l/min

 AVAILABLE DIAPHRAGMS

NBR HIGH NITRIL
HYTREL®
EPDM
SANTOPRENE™
PTFE + HYTREL®

POLYPROPYLENE DIAPHRAGM PUMPS - MOTOR IN ALUMINIUM R 1:1

In accordance with directive Atex

Series 120-PB
1/2" - 60 l/min

Series 120-PB
1/2" - 60 l/min
double inlet

Series 1000-PB
1" - 170 l/min

Series 1000-PB
1" - 170 l/min
double inlet

POLYPROPYLENE DIAPHRAGM PUMPS - MOTOR IN POLYPROP R 1:1

Series 120-PPB
1/2" - 60 l/min

Series 120-PPB
1/2" - 60 l/min
double inlet

Series 1000-PPB
1" - 170 l/min

Series 1000-PPB
1" - 170 l/min
double inlet

INDUSTRIAL AIR-OPERATED PUMPS
OIL, GREASE AND INDUSTRIAL FLUIDS

In accordance with directive Atex

Oil and industrial fluids
S. 900 R. 2:1 = 11:1
30 ÷ 95 l/min
Grease R. 45:1 ÷ 70:1
3 ÷ 4,4 kg/min

Oil and industrial fluids
S. 1200 R. 3:1 = 18:1
23 ÷ 100 l/min
Grease R. 40:1 ÷ 75:1
4,4 ÷ 10 kg/min

Industrial fluids
S. 1800 R. 5:1 = 8:1
65 ÷ 90 l/min

Oil and industrial fluids
S. 1500 R. 4:1 = 6:1
80 ÷ 110 l/min
Grease R. 70:1
7 kg/min
WHEN CHOOSING A HOSE REEL
IT IS IMPORTANT TO CONSIDER:

- type of fluid to be dispensed
- delivery in l/min to be dispensed
- length and width of the hose to be used
- pressure of the fluid

<table>
<thead>
<tr>
<th>Fluid</th>
<th>Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air-Water</td>
<td>20/400 bar</td>
</tr>
<tr>
<td>Oil and allied products</td>
<td>150 bar</td>
</tr>
<tr>
<td>Grease</td>
<td>400 bar</td>
</tr>
<tr>
<td>Diesel fuel</td>
<td>10 bar</td>
</tr>
<tr>
<td>AdBlue®</td>
<td>10 bar</td>
</tr>
<tr>
<td>Oil-Water</td>
<td>200 bar</td>
</tr>
<tr>
<td>Oil-Paints</td>
<td>200 bar</td>
</tr>
<tr>
<td>Welding</td>
<td>20 bar</td>
</tr>
<tr>
<td>LPG-methane</td>
<td>20 bar</td>
</tr>
</tbody>
</table>

You can choose some hose reels versions with different colours besides the standard one:

- RAL 7035: Polyurethane
- RAL 1004: Black synthetic rubber
- RAL 3020: Hygienic hose
- RAL 5002: Rubber SBR/EPDM ISO 3821
- RAL 9005: Rubber NBS/PVC ISO 3821

CABLE REELS

Advantages

- Electric collector designed for better performances also with high currents.
- Thermal protector against overheating of the rewinded cable mounted in all the models.
- IP44 protection degree provided for all the electrical parts.
- Spring tested for more than 10 working years with the possibility to easily adjust the rewinding force.
- Cable guide with rollers equipped with 4 rollers in each model designed to save the work life of the cable.
- Different options for different needs: rewinding clutch, bayonet bracket and protection cap.
FIXED AND ADJUSTABLE INDUSTRIAL SERIES IN PAINTED STEEL AND AISI 304 - AISI 316 STAINLESS STEEL

Supplied with hose in black synthetic rubber or hygienic blue rubber

STANDARD SERIES WITH ENCLOSURE IN TECHNOPOLYMER, PAINTED STEEL OR AISI 304 STAINLESS STEEL

Supplied with polyurethane hose

STANDARD SERIES IN PAINTED STEEL

Supplied with polyurethane hose

HOSE CHARACTERISTICS

- Polyurethane hose (blue) with protection spring on fittings.
- Brass swivel joint pipe outbound.
- Brass fittings.
- Length in entrance 1.5 m.

Hose anti-folding spring

Swivel joint to facilitate the use of pneumatic tools
INDUSTRIAL SERIES WITH DRUM IN SHOCKPROOF ABS, OPEN OR ENCLOSED VERSION
With supporting structure in painted steel or AISI 304 stainless steel

INDUSTRIAL SERIES FOR SPECIFIC APPLICATIONS

MANUAL SERIES WITH SECURITY SYSTEM
In painted steel or stainless steel AISI 304 - 316

The hose reel is designed with a new security system that allows the handle to stay in place, avoiding the rotation during the manual hose unreeling (Picture A - B).
SERIES 500 HOSE REELS IN PAINTED STEEL
With security system

Width 240 - 320 - 460 - 600 mm

SERIES 600 MOTORIZED HOSE REELS IN PAINTED STEEL
Available with hydraulic or pneumatic motor with 1” or 1.1/2” passage

Series 617 - 637 Hydraulic
width 220 - 400 mm

Series 618 - 638 Pneumatic
width 220 - 400 mm

SERIES 700 MANUAL AND MOTORIZED HOSE REELS IN PAINTED STEEL
Available with various motorizations with 2” passage

MANUAL | ELECTRIC 24V
---|---
Manual | Electric 230V

TROLLEY MOUNTED HOSE REELS
In painted steel or stainless steel AISI 304 - 316

Manual ± 530 - 540 - 560
CABLE REELS SERIES 280 - ENCLOSED HOSE REELS SERIES 280 Air-Water

CABLE REELS SERIES 280 - 290 with lamp

S. 280
400 V Three phase
without socket

S. 280
230 V Single phase with socket
and Schuko plug

S. 280
Air-Water
20 bar / 40 °C

S. 290
Without transformer
fluorescent portable lamp and led

S. 290
With transformer 230 V
led portable lamp

S. F230 - F12 - F24
Fluorescent lamp
S. L1224
Led lamp

GROUNDING CABLE REEL - Enclosed cable reel SERIES 280 - Cable reel SERIES 350

In accordance with directive Atex

EXAMPLE OF OPERATION

EARTHING PLIERS
100A

EARTHING PLIERS
50A

ANTI-DEFLAGRATION
EARTHING PLIERS 10A
RAASM products are present worldwide through a network of qualified dealers.
IDEAL FOR THE FOLLOWING SECTORS

- AUTOMOTIVE
- MECHANICAL INDUSTRY
- CHEMICAL INDUSTRY
- TANNING INDUSTRY
- WOOD INDUSTRY
- MARBLE INDUSTRY
- MANUFACTURING INDUSTRY
- MINING SECTOR
- AGRICULTURE
- BUILDING
- ROAD WORKS
- BOATING
- AVIATION
- CIVILIAN AND MILITARY AIRPORTS
- RAILWAY SECTOR

Company with an ISO 9001:2015 certified quality management system

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Authorized dealer