

MECARING

Boost your performance.



// In automatic robot packaging, MECARING units significantly reduce manual workload. Increased efficiency and shorter turnaround times guarantee high-quality end products for our customers.

Harri Mikkola, Production manager, Uponor infra

Extron MECARING makes automatic seal inserting easy and effective. Our unique design is flexibly integrated with your production line. MECARING offers you optimal tools for pipe fitting with various sealing rings. Automated system reduces errors, enhances effectivity and provides your professionals with an easy and comfortable user experience.

STREAMLINE RESOURCES AND REDUCE ERRORS

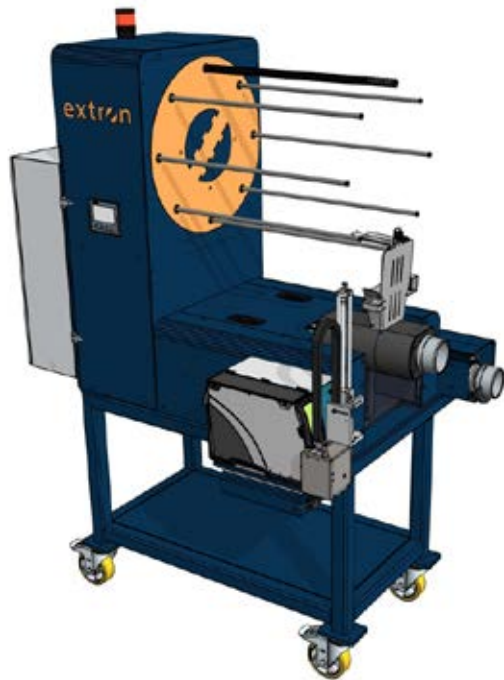
Automated seal inserting boosts your production and releases operators to more valuable work. Your customers can be sure that the necessary seals will come with delivery.

FLEXIBLE TO OPERATE

MECARING units are optimized to match your production needs. Versatile layout design and compact size ensure flexible and safer working environment.

QUICK SET-UP & EASY TO USE

Changing the tool for different seal type and ring diameter is quick and easy. The unit is controlled by a touch screen, so it is comfortable to use and the settings can be precisely customized.



MECARING A 32-200

MECARING A is designed to boost your process with automatic seal inserting. It is easy to integrate to pipe extrusion and injection molding lines. It is effective for both online and offline use.

FEATURES:

- Pipes and fittings from 20 to 200 mm
- For variable gasket types (mm, inch)
- Application speed up to 800 pcs/h
- High-capacity gasket magazine, up to 400 pcs
- Various inserting tools with only 5 min changing time
- Controlled by Siemens PLC with touch screen
- Connected to **Extron VASTE** Cloud Service

TECHNICAL SPECIFICATIONS:

- Overall machine dimensions 1100 x 660 x 1250 mm
- Compressed air connection: Inlet 0.5 inches, minimum operating pressure 6 bar
- Electrical connection 400/230 VAC, 16 A

OPTIMIZE YOUR MECARING A WITH EASY-CHANGE INSERTING TOOLS FOR A WIDE RANGE OF SEALS

MECATOOL BL

- Available from 28 mm to 200 mm (also inch sizes)
- Sewer and Duct pipe seals, such as BL etc.
- Compresses the seal for inserting, needs low lubrication
- Pneumatic operation with one cylinder

MECATOOL DD

- Available from 40 mm to 160 mm (also inch sizes)
- Sewer pipe seals, such as HMS and DD types etc.
- Slides the seal through the cylindrical tool, needs lubrication
- Pneumatic operation with two cylinders

MECATOOL FS

- Available from 50 mm to 200 mm (also inch sizes)
- Pressure and non-pressure pipe seals, such as HB-Fix, Din Lock, Anger Lock, Rieber etc.
- Simulates the human way of mounting, no need for lubrication
- Pneumatic operation with four cylinders

Ask for bigger diameters (up to 400 mm) for special solutions.

Optional add-ons:

- Testing unit for gasket installation and fitting quality
- Label applicator with printer

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MECARING DW 110-250

MECARING DW is designed to boost your process with automatic external seal inserting. It is easy to integrate to corrugated pipe extrusion line. It is effective for both online and offline use.



FEATURES:

- For corrugated pipes OD from 110 to 250 mm
- Pipe lengths from 2 m
- For flexible rubber gaskets in several profiles
- Application speed up to 150 gaskets per hour
- High-capacity gasket magazine, up to 360 gaskets
- Special designed tools for each gasket type and diameter
- Tool changing and machine setting time less than 15 minutes
- Controlled by Siemens PLC with touch screen
- Interface for extrusion line control system
- Flexible operating modes: pipe through machine or pipe in-out

TECHNICAL SPECIFICATIONS:

- Overall machine dimensions: 2000 x 1700 x 2100 mm
- Pipe center heights 1000 mm (adjustable)
- Compressed air connection: Inlet 1/2", minimum operating pressure 6 bar
- Electrical connection 400/230 VAC, 16 A

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MECARING M

MECARING M is designed to boost your process with automatic seal inserting. It is easy to integrate to injection molding units.

FEATURES:

- Fittings from 20 to 200 mm
- For variable gasket types (mm, inch)
- Application speed up to 800 pcs/h
- Gasket magazine, up to 200 pcs

TECHNICAL SPECIFICATIONS:

- Overall machine dimensions based on chosen gasket size from 400 x 400 x 800 mm to 700 x 500 x 1200 mm
- Compressed air connection: Inlet 0.5", min. operating pressure 6 bar
- Electrical connection 400/230 VAC, 16A

OPTIMIZE YOUR MECARING M WITH EASY-CHANGE INSERTING TOOLS FOR A WIDE RANGE OF SEALS

MECATOOL BL

- Available from 28 mm to 200 mm (also inch sizes)
- Sewer and Duct pipe seals, such as BL etc.
- Compresses the seal for inserting, needs low lubrication
- Pneumatic operation with one cylinder

MECATOOL DD

- Available from 40 mm to 160 mm (also inch sizes)
- Sewer pipe seals, such as HMS and DD types etc.
- Slides the seal through the cylindrical tool, needs lubrication
- Pneumatic operation with two cylinders

Ask for bigger diameters (up to 400 mm) for special solutions.

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