



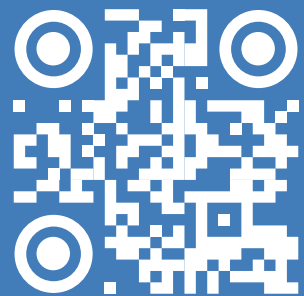
# Adescor

A DIVISION OF PARMERIT INC.

## Product Catalog

Downstream  
Solution Experts





## About Us

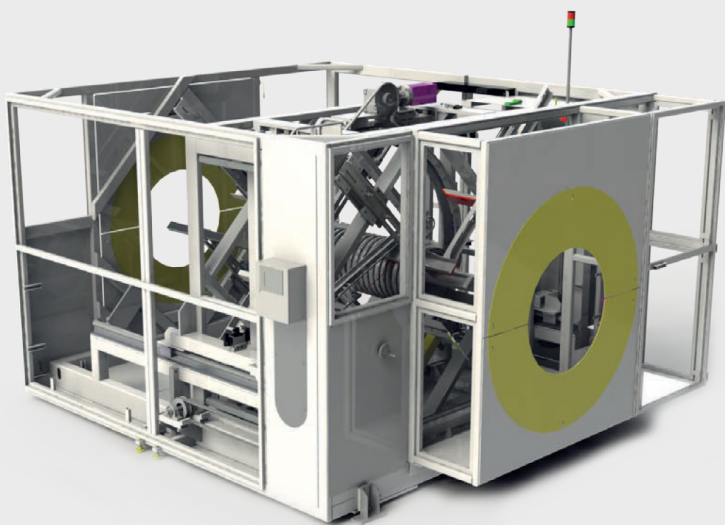
Adescor is a North American based, industry leading supplier of downstream equipment for the corrugated pipe and extruded pipe industry. We are a team of engineers, technical specialists, innovators, and problem solvers focused on developing solutions that make our customers successful.

We design, build, and support a comprehensive line of downstream equipment for extrusion and corrugated pipe production; pipe haul-offs, cut-offs, perforators, filter loaders, spin welders, inner liner trimmers, and coilers. We can design and integrate a complete downstream automation system for your extrusion line that is validated before delivery.

Under our parent company Parmerit Inc., we also design and manufacture custom industrial machines for sheet winding, material handling, and packaging for the plastics industry.

Adescor is growing and transforming from an equipment manufacturer, to a solutions provider. We apply our product and automation knowledge to your problem, developing solutions that meet your specific needs. Our team has grown to include knowledge and experience in robotics and automation which we can leverage to develop best in class solutions that meet the needs of today's changing manufacturing landscape.

# Pipe Cut-Offs

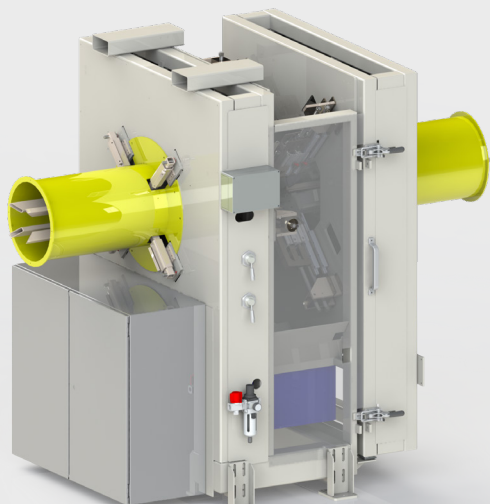


## Features

- 50mm to 1500mm pipe diameter
- Speeds up to 30m/min
- Operational Noise < 85dB
- Exact Cut Sequencing
- Minimal Scrap
- Simple Set-up
- Touch Screen Controls
- Low Maintenance

ADESCOR offers a wide range of cut-offs for pipes ranging from 50mm to 1500mm in diameter at speeds up to 30 meters per minute. The use of a knife to cut the pipe provides a chip free, quiet cutting operation. These units feature a unique design that eliminates the need for hose reels or electrical connections to the knife ring. This results in a reliable, low maintenance cutting system. Cut-offs can be configured to cut solid wall pipes, corrugated pipes, integral bell pipes or reduced corrugation pipes with precision and repeatability. Cut-offs can be customized to suit your specific pipe cutting needs.

# Perforators

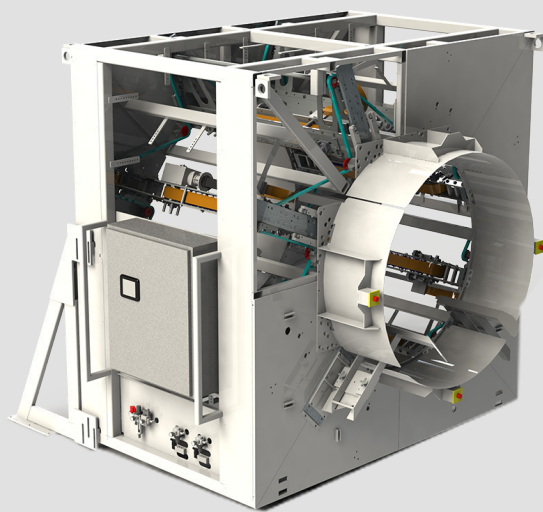


## Features

- 50mm to 1500mm diameter pipe
- Hydraulic punch, drill, rotary slot options
- In-line or Offline operation
- Touch Screen Control

ADESCOR offers a wide range of perforators for pipe sizes from 50mm up to 1500mm. Hydraulic punch, drill and rotary slot perforators are available to suit your application. The perforators can be designed to be used in-line with production or as a secondary operation off-line. Different perforation patterns can also be accommodated. When applications require precise slot positioning, we offer a rotary slot perforator with servo driven wheels for accuracy.

# Haul-Offs



## Features

- Up to 1800mm Outer Diameter
- Self Centering Design
- Touch Screen Controls
- Accurate Speed Control
- Quick Diameter Change

ADESCOR offers a haul-off (puller) designed for large diameter pipe up to 1800mm OD. The pulling force, number of belts and speed can be customized to meet the specific requirements of each customer. The belts are individually servo driven and synchronized to ensure a constant uniform speed and pulling force. A self-centering mechanism has been developed to ensure an even balance between the belts and allow for rapid changeover to new sizes.

# Filter Loader



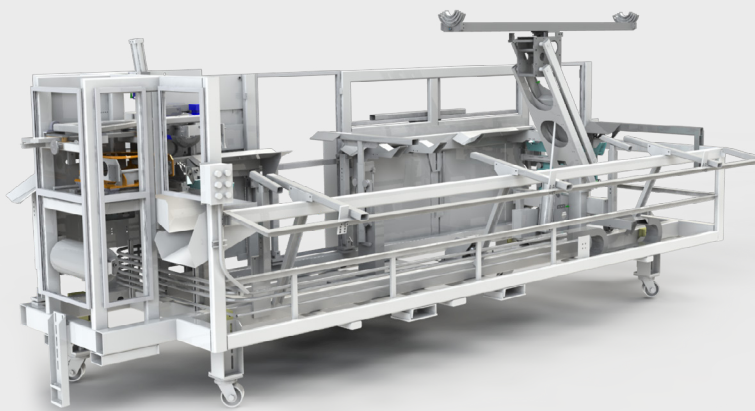
## Features

- 100mm to 400mm diameter pipe
- Secondary loading tube for material preparation
- Caster wheels for mobility
- Optional Puller Feature
- Optional Cutter Feature

ADESCOR's filter loader is a semi-automatic machine that loads knitted polyester filter material onto the outside diameter of corrugated pipe. The mobile design allows the filter loader to be positioned in-line with production when in use. While in operation, the filter loader has a secondary loading tube for material preparation. Filter loaders can be configured with inlet pullers and cutters for efficient operation.



# Inner Liner Trimmers

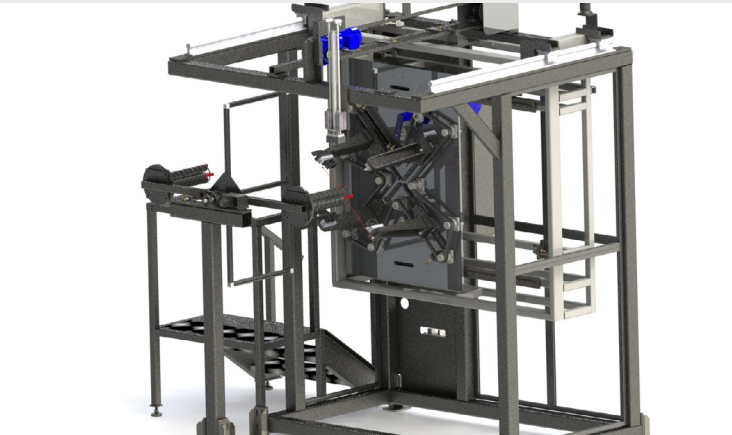


## Features

- 100mm to 1500mm pipe diameter
- Cycle times as low as 17 seconds
- Automatic or Semi-Automatic options
- Operational noise < 75 dB
- Minimal Scrap
- Simple Set-up
- Touch Screen Controls

Liner Trimmers are used to trim the scrap section of the inner wall of the pipe out of an integral bell. We offer a range of automatic and semi-automatic machines that can accommodate 100mm to 1500mm diameter pipe. These units use a knife to perform the trimming operation, providing optimum cut quality and accuracy. The knife system eliminates the cutting debris and noise that is generated with circular saw trimmers. ADESCOR’s proven pipe handling technology effectively moves and positions the pipe at the required production rates. As an option these units can be supplied with pipe rotators that lift the pipes and rotate them 180 degrees to accommodate your specific pipe packaging needs.

# Gasket Installer

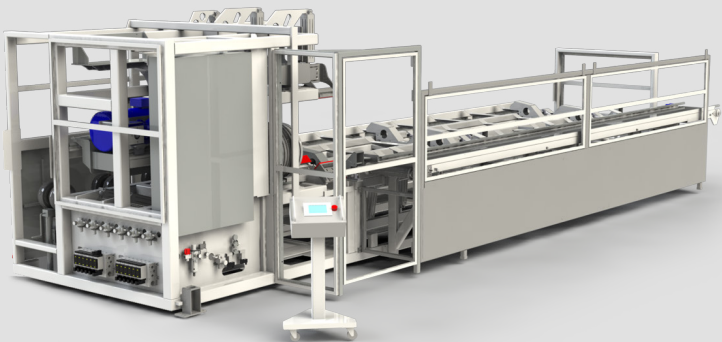


## Features

- 100mm to 1500mm pipe
- Height adjustable for varying pipe diameter
- Manual or automated gasket load options
- Touch Screen Controls

ADESCOR’s gasket installer can install gaskets on pipe up to 1500mm diameter, eliminating the ergonomic issues associated with manual installation. Our fully automated installer picks the gasket from a load station and installs it onto the valley or groove of the pipe. The integrated mechanical drive system creates a consistent stroke for all grippers to ensure even installation. Gasket installers can be integrated with liner trimmers or with gasket wrappers for a complete solution.

# Spin Welders

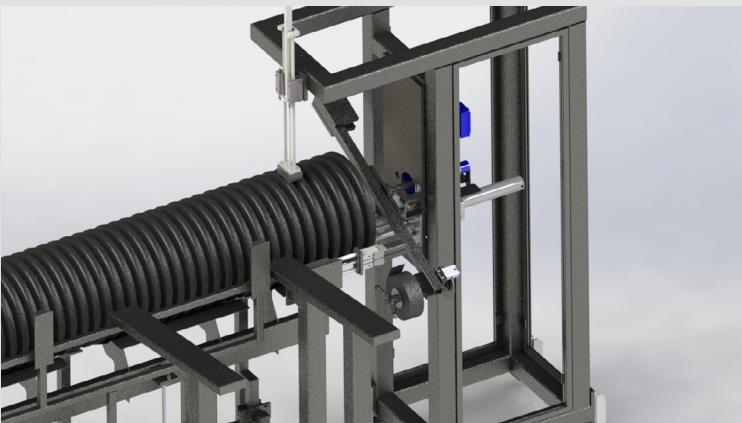


## Features

- 50mm to 1500mm pipe diameter
- Cycle times as low as 18 seconds
- Opposing Weld Heads
- Automatic Coupler Loading
- Optimum pipe alignment during weld
- Optional Lead Testing Capabilities

ADESCOR has several standard models of spin welders to accommodate your requirements from 50mm to 1500mm insider diameter pipe. ADESCOR’s proven technology welds couplers to the end of pipe or to the outside diameter of the pipe. Our spin welders are designed to provide fast and consistent quality welds, with an emphasis on a repeatable process. The spin welders can be supplied with fully automatic pipe and coupler handling systems or manual loading. Weld leak testing systems can be supplied to suit your quality control requirements. A pipe turning system can also be supplied to suit your packaging needs.

# Gasket Wrapper



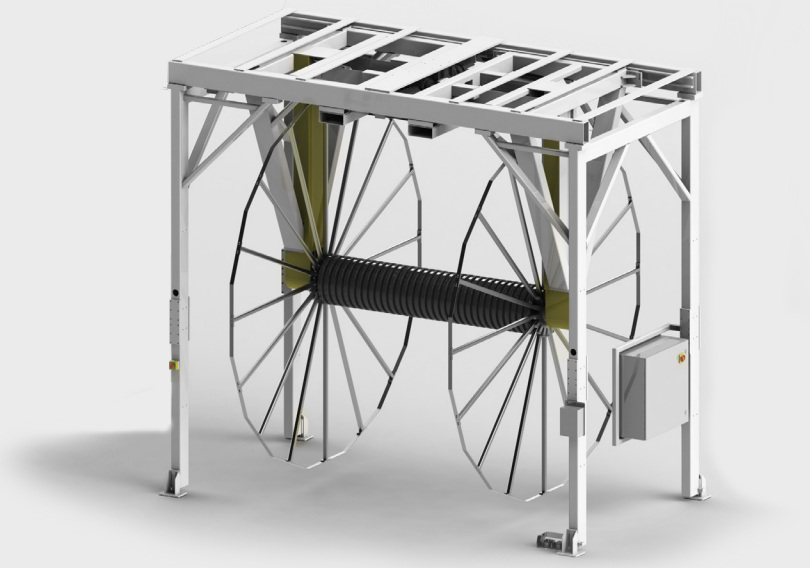
## Features

- 100mm to 1500mm pipe diameter
- Wrap and cut capability
- Variable number of wrap revolutions
- Variable wrap width options

ADESCOR’s gasket wrapper automatically wraps gaskets with shrink wrap to protect them from environmental damage. Wrappers can wrap pipe up to 1500mm in diameter and the number of wraps can be defined using touch screen controls. Gasket wrappers can be integrated with liner trimmers and gasket installers for a complete solution.

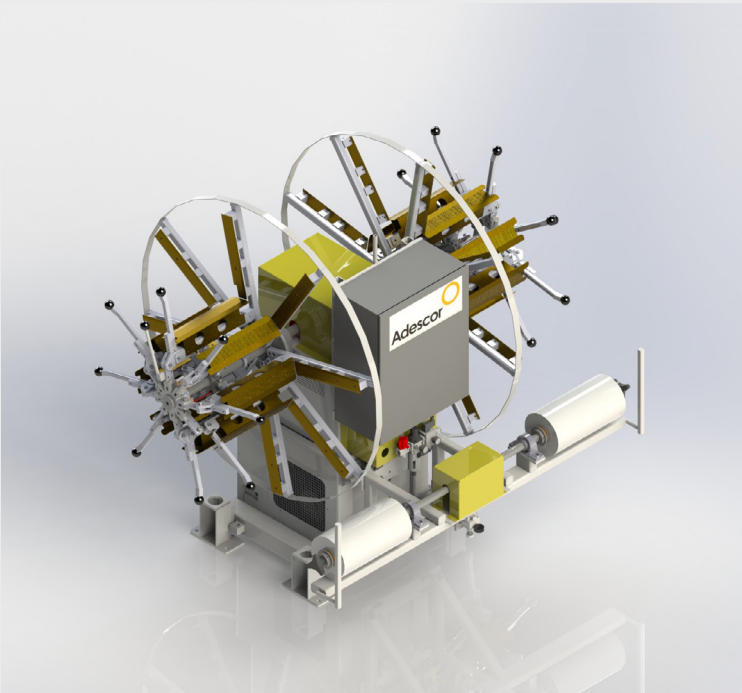


# Pipe Coilers



## Features

- 75mm to 375mm pipe diameter
- Speeds up to 40m/min
- Front/Rear Exit or Side Exit
- Variable Speed Coiling Drive System

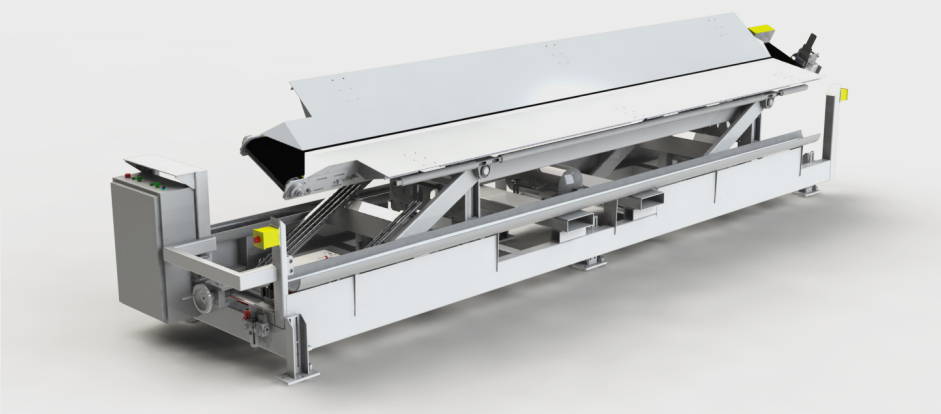


## Features

- 75mm to 200mm pipe diameter
- Speeds up to 40m/min
- Optional Wrap Feature
- Left, Right or Dual Coiling
- Variable Speed Coiling Drive System

ADESCOR offers a series of maxi and mini-coilers for both corrugated and smooth wall pipe up to 375mm in diameter. We offer rugged construction with hardened bushing at pivot points for long term product life. ADESCOR’s maxi coilers can be front, rear, or side exit to suit various line configurations. ADESCOR’s mini coilers have speeds up to 40m per minute and produce coils up to 2m in diameter. A manual wrapper can be added to the mini-coiler for packaging prior to removal of coil.

# Pipe Conveying & Handling

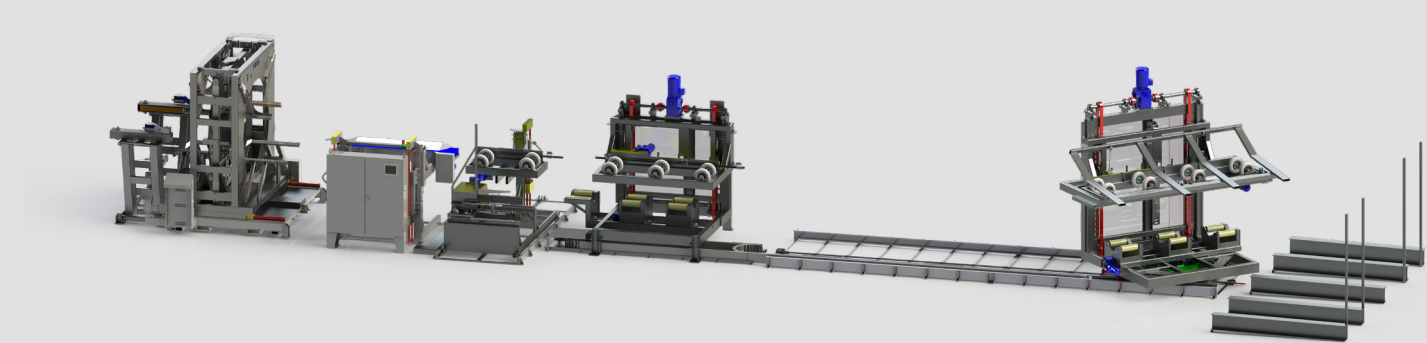


## Features

- 50mm to 1500mm diameter pipe
- Integrated to maximize production
- Flexible designs to deal with restricted floor space
- Fully automatic sequencing
- Simple variable height adjustments
- Right, left or dual pipe exit directions

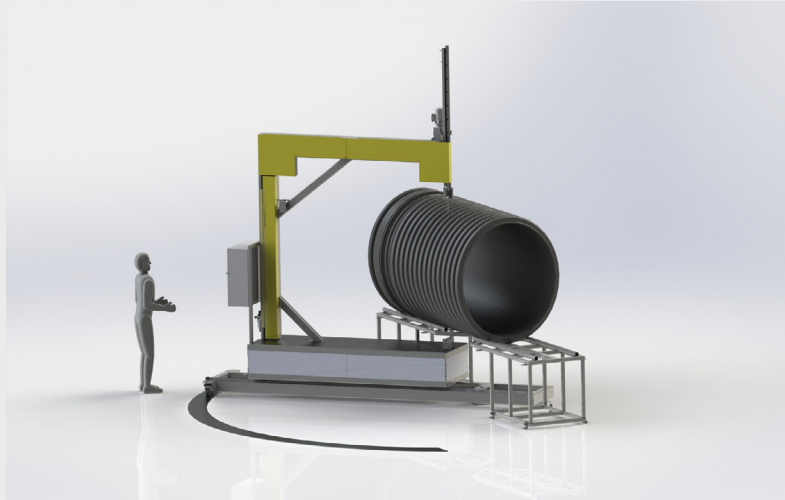
Pipe production facilities require pipe conveyance and handling systems. Facility layouts and space restrictions often require innovative approaches for optimization. ADESCOR has several different systems available to suit your pipe movement and positioning requirements.

# Downstream Automation Solutions



ADESCOR can provide a complete solution from the corrugator outlet to the exit of your building. We can integrate any of our standard equipment together and design custom elements to provide you with a complete downstream solution. As a solution provider, we can help you with facility layout, project management and complete downstream equipment validation prior to shipment. Reduced equipment footprints may also be possible by integrating equipment together.

# Fabricated Fitting Equipment

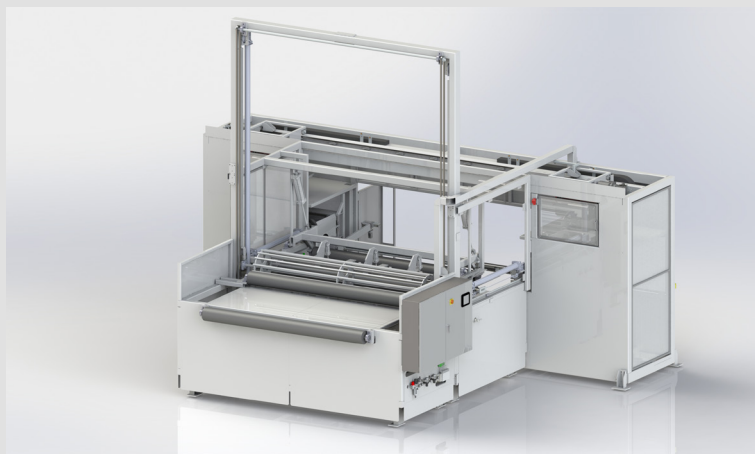


## Products

- Band Saws
- Hot Plate Tables
- V-Style Heating Plate (horizontal & vertical)
- Hole Saws

ADESCOR can supply equipment required for the fabrication of welded plastic pipe fittings. We offer large throat band saws that can cut 1500mm pipes at angles up to 45 degrees. We have several standard models for hot plate tables and V-style heating plates. We have proven designs for hole saws that are made specifically for cutting polyethylene or polypropylene pipes with minimal power requirements.

# Custom Machinery



Beyond our standard product offerings, ADESCOR also manufactures custom machinery for product handling and packaging. We have experience with sheet winders, plastic wrapping and scrap processing equipment. We use our years of experience in custom machinery along with knowledge of automation to develop a solution that will meet our customers needs. All machinery complies with current safety standards and CSA UL electrical requirements.

**ADESCOR**  
A DIVISION OF FARMERIT INC.

# Engineered to outperform.

[www.adescor.com](http://www.adescor.com)





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