

## PRODUCT

# Pipe Conveying and Handling Systems

## KEY INFORMATION

ADESCOR has many years of experience in the production of Pipe Conveying and Handling Systems. These are designed to make pipe handling easy, flexible and cost-effective.

**Lowering and Dumping Pipe Conveyors**

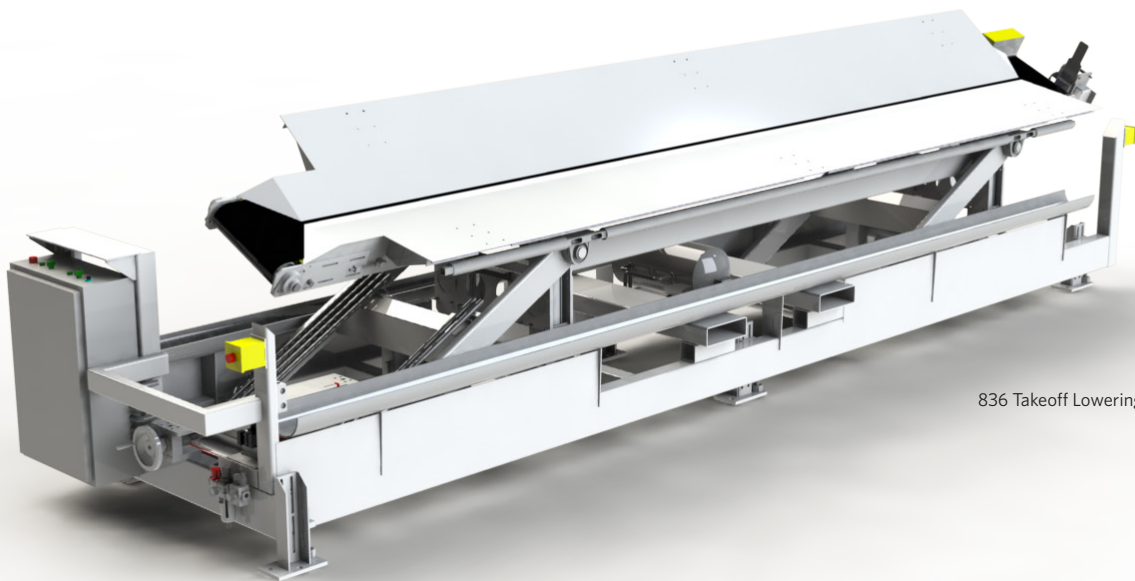
These conveyors have their own simple control system. They can be operated manually or automatically. They receive a finish cut signal from the Cut-Off unit as well as the production pipe speed. Following the finish cut signal the conveyor speeds up to move the pipe downstream until the end of the pipe is detected on the conveyor. The conveyor belt then slows down and comes to a stop. The conveyor frame tips to the right or left (option ordered as switch selectable) which causes the pipe to roll off of the conveyor onto the receiving device. The conveyor belt starts turning and the conveyor frame or table raises back up to the extrusion height. The conveyor extrusion height is easily adjusted by the operator.

**Let-Down, Weighing and Rotating Systems**

As options to the basic conveyor we offer Selectable Pipe Dumping to the right and left. This provides an exit for startup or misformed pipe without passing the pipe through your downstream machinery. The Let-Down option provides pneumatic cylinders to lower the finished pipe to the floor of your plant from the exit height of the conveyor. This option can also include a Weigh Station where the finished weight of each pipe can be measured and recorded for later analysis. The Rotating System option alternates the finished pipes with the coupling at opposite ends of the packaging crate. The alternate coupling pattern can be selected by the operator.

## FEATURES

- Systems can handle 50mm to 1500mm diameter pipe
- Flexible, custom designs to deal with restricted floor space
- Integrated system to maximize production
- Fully automatic machine sequencing or manual option
- All diameters of pipe exit at common rolling height
- Dump right or left with the turn of a switch
- Operation height easily adjusted



836 Takeoff Lowering Conveyor

ADESCOR is committed to designing and building efficient machinery for the most demanding manufacturer. Our equipment meets the highest criteria for reliability and performance worldwide. The ADESCOR design team will assist you in determining if a standard design will meet your requirements or if one of our custom design solutions is needed.

PRODUCT

# Dumping and Lowering Conveyor

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TECHNICAL SPECIFICATIONS

MODEL NUMBER	836-DLC	1860-DLC
Pipe Diameter (Inside Diameter Range)	200mm - 900mm	450mm - 1500mm
Pipe Diameter (Maximum Outside)	1100mm	1800mm
Production Rate (Maximum)	7m/min (23 fpm)	2.7m/min (9 fpm)
Extrusion Centerline Height (Minimum)	1.83m	1.75m
Pipe Exit Rolling Height	1.22m	1.17m
Length	7.68m	9.75m
Width	2.10m	2.98m
Pneumatic Pressure Requirements	6.2 bar (90psi)	6.2 bar (90psi)
Electrical Power Requirements	400/480 Volts 3-phase 15amp	400/480 Volts 3-phase 15amp

ADDITIONAL OPTIONS

**Pipe Let-Down Systems**

Allows precise and safe lowering of pipe from machine to floor. May be an integrated or stand-alone part of the downstream equipment.

**Pipe Weighing Systems**

Quality Control Option - digital display of weight, printed unit weight and shift total, or computer integrated data logging system.

**Pipe Rotators**

Designed to match production cycle requirements. Efficiently rotate pipes with couplers end-to-end for crating.