

# P i p e P r o



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## A perfect combination of automation, output, and three station versatility.

The PipePro takes three seemingly competitive features...versatility, high output, and automation and combines them into one outstanding package. The PipePro puts an end to compromise and is proof that you can have automation and production versatility too!

A single PipePro machine can produce most of a typical plant's requirements, including elliptical and arch pipe, jacking pipe, and manholes.

Equipped with Multiform modules the PipePro can manufacture up to four or eight pipe (depending on the machine model) with each index of the machine. That is a combination of versatility and productivity unmatched by any other machine.

### Capacity

Depending on the machine model, a typical PipePro plant offers an annual production capacity of 70,000-80,000 tons of product in a one-shift operation.

### System Benefits

#### Fully Automatic Operation

A PLC controls the production cycle of the PipePro machine – forms are automatically filled and pressheaded. A video display incorporating a user friendly menu permits machine settings or new product sizes to be easily inputted. The PLC tracks data

through each production cycle and displays the graphics on screen or outputs them to a printer or external monitor.

The PipePro can be used as a stand-alone machine, or integrated into a fully automatic factory complete with automated product handling, post-processing, testing, and curing systems.

#### High Productivity

The PipePro's three-station turntable design collapses the filling, pressheading, and stripping steps to fast-track the production cycle and increase output. Additionally the manufacturing processes are computer-controlled for consistency and repeatability.

#### Expanded Output with Multiforms

Multiforms are available to further boost output. Up to eight pipes can be produced in a single form module. Depending on the machine model and product diameter, the PipePro can produce up to 100 pipes per hour.

#### Production Flexibility and Versatility

The PipePro's rotary three-station turntable allows three different pipe sizes or shapes to be manufactured simultaneously. With PipePro it is possible to produce any combination of round, arch and elliptical pipe, as well as jacking pipe and manholes.

#### Quick Form Changeover

Equipped with simple quick-disconnect at-

tachments, quick form changeovers are made easy. Forms can be changed in as little as thirty minutes.

#### Product Quality

Computer controlled feed rates and vibration settings specific to each product type ensure product quality with consistent repeatability. The pressheading system utilizes stay-in-place headers for smooth, dimensionally accurate spigots every time.

#### Operation

A pan-type swipe feeder automatically positions over the form in the fill station and begins to feed and consolidate by vibration concrete into the form set. Feed rates and vibration settings are stored in the programmable logic controller (PLC) for each product type.

A carousel-style presshead picks and presses stay-in-place headers into the filled form set to form the spigot. The placement, pressing and troweling operations are completely automatic. Finished pipe can be automatically offborne from the machine or manually removed with an overhead crane. Products are securely transported to the curing area within the form's external jacket.

#### Models Available

- PipePro 180
- PipePro 250

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  - Production Flexibility and Versatility
  - Quick Form Changeover
  - Product Quality



Automatic Crane Demolding



Automatic Pallet Inventory



High quality spigots





### The Afnitas family of brands

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