



## HawkeyePedershaab PipePro Machine Series



Mass produce a wide variety of concrete pipe and manhole sizes simultaneously.

- Fully-automatic operation
- Three-station productivity
- Expand output with multiforms
- Quick form changeover

## PipePro combines automation, output and three-station versatility.

Flexibility, high output and automation to produce most of a typical concrete plant's requirements is what you can rely on from Afinitas' HawkeyePedershaab PipePro machine. Equipped with HawkeyePedershaab's patented Multiform Modules, the PipePro machine manufactures up to four or eight concrete pipes (depending on the machine model) with each index of the machine. In our experience, PipePro's combination of versatility and productivity is unmatched by any other concrete pipe machine. For example, producers can use the PipePro as a powerful stand-alone machine or integrate it into a fully labor-saving factory complete with automated post processing and handling equipment, testing, and curing systems.

### Capacity

Depending on the machine model, a typical HawkeyePedershaab 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

With the PipePro, sophisticated programmable logic controller (PLC) hardware and software algorithms expertly manage your production cycle. Operation starts with a simple, menu-driven display screen that makes it easy to enter machine settings and product sizes. The PipePro machine takes it from there:

- A pan-type swipe feeder automatically positions over the form in the fill station and begins to feed and consolidate concrete by vibration into the form set.
- The PLC stores feed rates and vibration settings for each product type.
- PipePro's 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.
- Products are securely transported to the curing area within the form's external jacket.
- Finished concrete pipe can be automatically off borne from the machine or manually removed with an overhead crane.

### Three Station Productivity

The PipePro's three-station turntable design collapses the filling, pressheading and stripping steps to fast-track the production cycle and increase output. Further, PipePro allows three different concrete pipe sizes or shapes to be manufactured simultaneously. This means with PipePro you are able to produce any combination of round, arch, and elliptical pipe as well as jacking pipe and manholes.

### Multiforms Expand Output

HawkeyePedershaab's patented multiform modules 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.

### Quick Form Changeover

For speedy changeovers, simple, quick-disconnect attachments and modular forming components eliminate the need for time-consuming form-to-machine adjustments and alignments. With the PipePro forms can be changed in as little as thirty minutes.

### Consistent, Repeatable Results

PipePro's computer-controlled feed rates and vibration settings are specific to each concrete product type to ensure quality. In addition, the PipePro's pressheading system utilizes stay-in-place headers for smooth, dimensionally accurate spigots every time.

## Models Available

- HawkeyePedershaab PipePro XT
- HawkeyePedershaab PipePro 96



Automatic Crane Demolding



Automatic Pallet Inventory



High Quality Spigots



# HawkeyePedershaab PipePro Machine Series

Equipment & Automation  
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Forming Systems  
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Afinitas is a global, comprehensive and customer-oriented infrastructure equipment and services platform that brings together the expertise of HawkeyePedershaab, BFS, New Hampton Metal Fabrication, Spillman, and CAM Products.

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