

P i p e P l u s



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Rotary three-station turntable delivers versatility and high output

The PipePlus machine series delivers versatility and high output in a simple, dependable, and easy to operate machine. With available multiform modules, the PipePlus can manufacture pipe in numbers that rival much more costly machines. With its production flexibility and ten minute form changeovers, the PipePlus allows producers to schedule in special orders and keeps yard inventories low. Its flexibility allows producers to manufacture a full range of pipe products including arch, round, elliptical, and jacking pipe, as well as all manhole products and catch basins.

The PipePlus is great for start-up and experienced companies alike and offers producers tremendous opportunities.

Capacity

Depending on the machine model, a typical PipePlus plant offers an annual production capacity of 60,000-70,000 tons of product in a one-shift operation.

System Benefits

High Productivity

The PipePlus' three-station turntable design collapses the filling, pressheading, and stripping steps to fast-track the production cycle and increase output.

Expanded Output with Multiforms

Multiforms are a production catalyst for the PipePlus. Up to 8 pipes may be produced in a single form. Depending on machine model and product diameter, the PipePlus can produce up to 100 pipes/hr with multiforms.

Production Flexibility and Versatility

The PipePlus' rotary turntable allows the simultaneous production of three different pipe sizes and shapes.

The PipePlus is capable of producing arch, round, elliptical, and jacking pipe, as well as a full range of manhole products and catch basins.

Quick Form Changeover

The PipePlus boasts exceptional short run capability thanks to the machine's ten minute form changeover system. Just pull a pair of pins, remove the form, and enter a new form into production.

Lower Yard Inventories

Rather than produce large inventories of products, the PipePlus' three-station configuration, quick form changeovers, and short run capability allow just-in-time manufacturing for keeping inventories low.

Product Quality

Variable feed rates and vibration settings specific to each product type ensure a quality product no matter what is being made. The pressheading system utilizes stay-in-place headers for smooth, dimensionally accurate spigots every time.

Simple Operation and Maintenance

The PipePlus utilizes off-the-shelf components wherever possible to simplify its operation and maintenance. The PipePlus is a machine built for the real-world precast producer.

Operation


The concrete distributor chute automatically adjusts to the form size in the fill station, and concrete is fed into the form. Feed rates and vibration settings are stored in the programmable logic controller (PLC) for each product type. After the tongue former is placed in the filled form set, the press-heading cycle automatically commences.

The presshead presses the tongue former to form the spigot, trowels the joint surface, and returns to the home position for the next pipe. Pipes are offborne from the machine with an automatic or conventional overhead crane.

Manual control is also available if machine is not equipped with a PLC.

Models Available

- PipePlusPlus
- PipePlus180
- PipePlus200
- PipePlus250

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Quad Form Stripping



Quick Form Changeover



Arch Pipes



Hawkeye Pedershaab
ADVANCED TECHNOLOGICAL WORKS



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MANUFACTURING

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PRODUCTS

The Afinitas family of brands

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