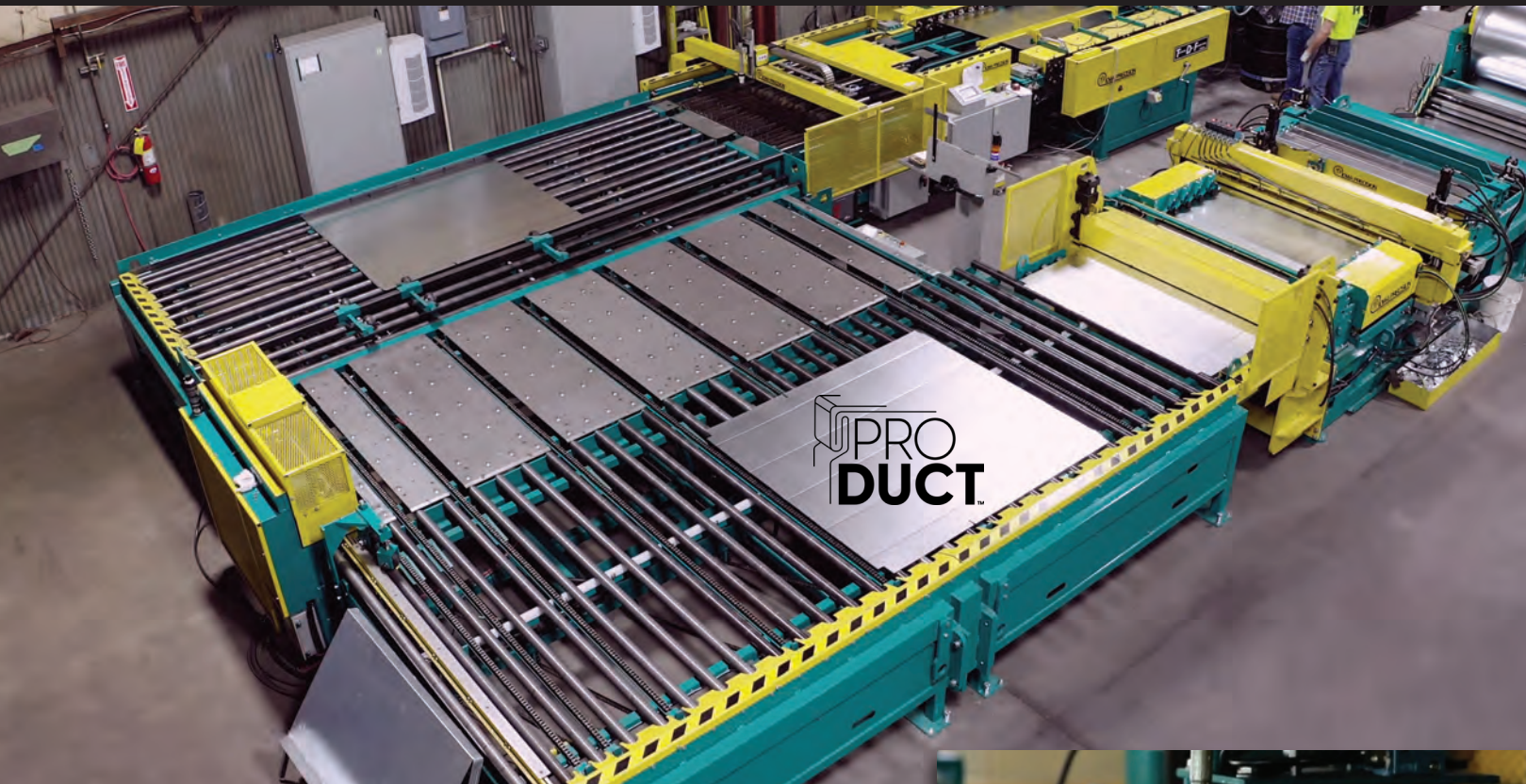


# PRODUCE FINISHED HVAC DUCT SECTIONS WITH LESS CHANCE OF LEAKAGE

IOWA PRECISION PRO-FABRIDUCT FULL COIL LINE



## FULL-WIDTH LONGITUDINAL SEAM REDUCES THE CHANCE OF LEAKAGE BY UP TO 25%

The Pro-Fabriduct Full Coil Line from Iowa Precision is the most advanced complete coil line in the HVAC industry today. The line leverages footprint, speed, and production rates along with tolerances that no other HVAC coil line can match. And now, the Pro-Fabriduct Full Coil Line produces duct with a full-width longitudinal seam which significantly reduces the chances of leakage in the transverse joint (up to 25%). With the Pro-Fabriduct Full Coil Line, you can produce a better product (one with tangible benefits for your customers) while reducing your post-production labor costs - that's a competitive advantage you can take to the bank.

### Full-Width Longitudinal Seam Production: What's the Difference and Why Does it Matter?

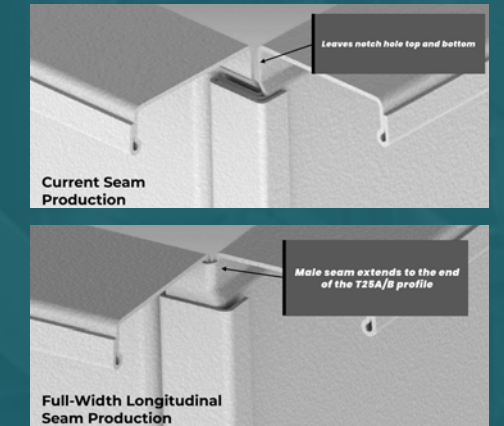
#### The Full-Width Longitudinal Seam

Most HVAC duct leakage occurs at the notch hole that is produced at the top and bottom of a duct section at the transverse duct connection to the fan or the unit. The Iowa Precision Pro-Fabriduct Full Coil Line has undergone a combination of modifications to the processor, transfer system, and hydraulic servo wrap brake that allow it to produce a full-engagement longitudinal seam which allows you to deliver a finished duct with substantially less chances of leakage in the corners of the duct's transverse joint. Full-Width Longitudinal Seam Production can substantially reduce the chance of leakage with a

greater deliverable thereby producing greater output with less input creating less chance of human error. The Full-Width Longitudinal Seam Production is applicable to our 5' line, with 4' or 5' stock, and can be either Large-Pittsburgh and Small-Pittsburgh or Large-Pittsburgh and Snaplock.

The notch profile is altered to leave more material on the male side of the notch, allowing the male seam to extend to the edge of the duct. Dual stepper-motor controlled notching die positioning eliminates an operator from needing to adjust the notchers for coil width or notch type; precise positioning is handled through the control system. The 90° male lock is formed after the roll forming of the connecting flange, avoiding the full length male flange from being deformed as it passes through the roll former. The servo wrap brake is altered to include locating pins

to accurately locate the part parallel to the bending beam. Positioning of the leading raw edge gives very accurate and precise locations for the subsequent bends. Computer controlled leaf tooling gags have been added allowing the brake to bend the full engagement male lock seam without deformation.



### Designed for Prefabrication

Prefabrication continues to be the growing trend across the country. Pre-assembling ductwork in a controlled environment prior to shipping leads better to quality, just in time fabrication, less inventory on the job site, and a significant reduction in labor costs. The innovative Pro-Fabriduct Full Coil Line from Iowa Precision was designed with this trend in mind — with features like a full-width inline plasma for taps, collars, and access doors all from shop detail drawings and much more. Request a consultation today with an Iowa Precision Technical Advisor and see how the Pro-Fabriduct Full Coil Line can dramatically enhance your prefabrication capabilities to give your operation a competitive advantage.



Scan or visit [MestekMachinery.com/ProFabriduct](https://www.MestekMachinery.com/ProFabriduct) to learn more about the Pro-Fabriduct Full Coil Line including videos, testimonials, and much more.

## FEATURES & BENEFITS

- Most economical footprint in the industry with the fastest feed rates
- E-Z Load coil drum assemblies
- Hydraulic powered infeed ramp
- Servo-driven wrap brake
- Remote self diagnostic capabilities
- Welded duct production available
- Tie rod hole punching along with damper hole
- Download from CAD shop detail drawings capabilities
- Quiet system w/sound level less than 67 DB
- 10', 12', and 14' transfer systems available
- Rotary Cut-Off Insulation Cutting System from 1/2" - 2" including Fiberglass, Elastomeric, Poly Armor and many other types of insulation.
- Extruded glue and water only nozzles provided for pre-glued insulation
- Zero crop out
- EZ hanger hole notchers
- Cold sealant for longitudinal seam on the Mark 17 roller
- Independent direct hydraulic drive decoilers on every coil station with hydraulic hold downs and low friction coil holders
- Multi select coil select for every station to assist materials into the processor
- 14-gauge process capabilities for production of 18-gauge stainless steel welded duct
- The industry's toughest and most stable frames — steel tube construction maintains structural strength allowing accessibility for maintenance, clean up and service
- Shear head engineered with heavy duty left to right synchronization to stabilize shearing action and give the lowest moving mass, thereby reducing shock and vibration during the shearing stroke — designed for tool free adjustment
- 16-gauge female longitudinal seam production available
- 16-gauge TDC/TDF transverse flange available
- Full-width longitudinal seam production to create less chance of leakage in the duct system

The Iowa Precision Pro-Fabriduct® HVAC Full Coil Line is truly the most advanced complete coil line produced in the industry today. The line leverages footprint, speed, & production rates along with tolerances that no other HVAC coil line can match.

**PRO  
DUCT**



Schedule a 1-on-1 Consultation with an Iowa Precision Technical Advisor today and let's discuss how the Pro-Fabriduct Coil Line can maximize the productivity and profitability of your operation.

Scan or visit [MestekMachinery.com/ProFabriduct](https://www.MestekMachinery.com/ProFabriduct)



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## PRO-FABRIDUCT® FULL COIL LINE

