





Panels Plus is the leader in North America for semi-automated wall panel and floor cassette equipment. A varied and innovative line of standard products means builders of all sizes can achieve tremendous efficiency results with Panels Plus equipment. In addition, we design and build custom equipment based on our customers specific requirements.

Vision Statement: To provide every customer with a completely satisfying experience.



Address

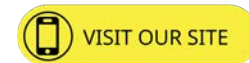
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Corporate Overview

WOOD WALL FRAMING

Framing Station with Locators

The Framing Station with Locators is designed to hold the plates, subcomponents, and studs squarely in place for fastening. It consists of a framing table with color-coded stud locators at 16" and 24" spacing to ensure consistent stud placement.

Framing Stations come equipped with indexing tool carriages and can also be purchased without. Indexing tool carriages eliminate the need to fasten wall panels by hand and allow operators to work at a safer ergonomic height.

Benefits:

- Ergonomic working height
- Improved squareness vs. traditional methods
- Superior wall panel consistency

Features

- Framing Table
- Stationary Side
- Telescoping Side
- Color-Coded Stud Locators
- Squaring Edge
- Footswitch & Push-Button Controls
- Pop-Up Conveyors
- Indexing Tool Carriages (2)



Framing Table with Indexing Tool Carriages



Indexing Tool Carriage



Color-Coded Stud Locators



Adjustable Squaring Edge



Wide Plate Framing Station

The Wide Plate Framing Station is designed for those using a laser projection system, or a plate-marking saw. The framing table holds the plates, subcomponents, and studs squarely in place for fastening. The projection plates provide a reference for laser projection and offer a larger surface for stud and plate placement.

Framing Stations come equipped with indexing tool carriages and can also be purchased without. Indexing tool carriages eliminate the need to fasten wall panels by hand and allow operators to work at a safer ergonomic height.



**Pop-Up Roller Conveyor
and Projection Plate**



Indexing Tool Carriage



**Wide Plate Framing Station
With Indexing Tool Carriages**



Indexing Tool Carriage

Benefits:

- Compatible with a laser projection system and plate-marking saws
- Larger surface for plate and stud placement
- Ergonomic working height
- Improved squareness vs. traditional methods
- Superior wall panel consistency

Features

- Framing Table
- Stationary Side
- Telescoping Side
- Projection Plates
- Squaring Edge
- Footswitch & Push-Button Controls
- Pop-Up Conveyors
- Indexing Tool Carriages (2)

WOOD WALL FRAMING

Non-Clamping Framing Station

The Non-Clamping Framing Station is designed for building hand framed wall panels. It features pop-up rollers, a squaring edge, and a manual telescoping side to easily adjust and set the wall height. It is 18' long and closes down to 7' and opens up to 14'.

The pop-up rollers on the Non-Clamping Framing Station make it easy to transition wall panels from the table to your desired location down the production line. It is developed at an ergonomic working height, eliminating the need to continually kneel or hunch over to build wall panels.

Benefits:

- Ease of moving product down the production line via pop-up rollers
- More than 1 person can work at a station
- Ergonomic working height

Features

- Manually Telescoping Side
- Squaring Edge
- Pop-Up Rollers
- Push-Button Controls



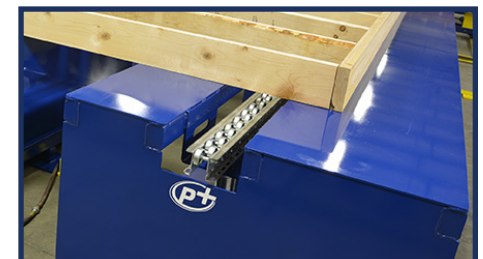
Squaring Edge



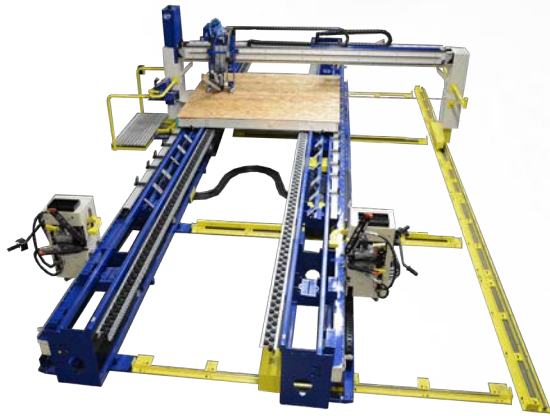
Table Lock Mechanism



18' Long



Pop-Up Rollers



Combo Station

The Combo Station is an all-in-one system that frames, squares, and sheathes wall panels. The Combo Station is designed for low-volume, entry-level operations. It consists of a combo table, single tool sheathing bridge, and indexing tool carriages.

The combo table is available with either color-coded stud locators or wide projection plates for stud placement. The Combo Station comes equipped with indexing tool carriages and can also be purchased without. The tool carriage attached to the single beam bridge travels across the wall inserting fasteners at the spacing set by the operator. The bridge has 9 programmable presets for fastener spacing and 9 for wall height.



**Single Tool Sheathing Bridge
& Operator Platform**



Indexing Tool Carriage



**Color-Coded Stud Locators &
Pop-Up Roller Conveyors**



**Sheathing Bridge
Tool Carriage**

Benefits

- Ergonomic working height
- Improved squareness vs. traditional methods
- Superior wall panel consistency
- Flexibility with fastener spacing
- Fastens consistently and accurately

Features

- Combo Table
- Single Beam Bridge
 - Tool Carriage
 - Joystick
 - Touchscreen
- Indexing Tool Carriages (2)
- Operator Platform
- Stationary Side
- Telescoping Side
- Squaring Edge
- Footswitch & Push-Button Controls
- Pop-Up Conveyors

WOOD WALL SQUARING

Squaring Station

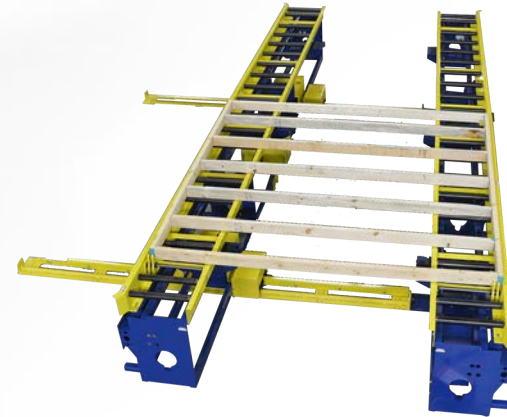
The Squaring Station holds the wall panel square while sheathing is tacked in place and rough openings are routed out. The Squaring Station consists of a squaring table with various features including squaring stops to ensure squareness of wall panels. When not using pre-cut sheathing, a handlebar router is used to cut any rough openings.

Benefits

- Ergonomic working height
- Holds wall square while tacking sheathing
- Improved squareness vs. traditional methods

Features

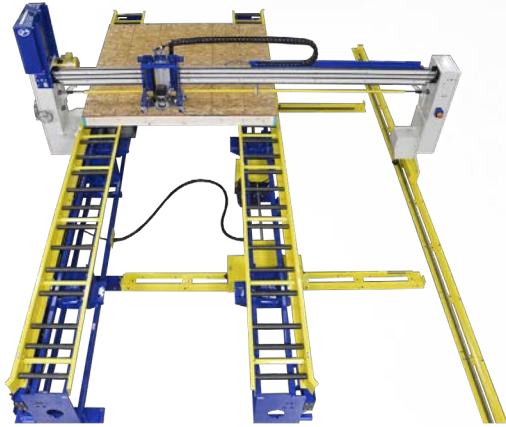
- Squaring Table
- Stationary Side
- Telescoping Side
- Squaring Stops
- Footswitch & Push-Button Controls
- Horizontal Rollers



Wood Wall Squaring Station Without Wall Panel



Wood Wall Squaring Station With Wall Panel



Squaring and Routing Station

The Squaring and Routing Station incorporates a manual X-Y router bridge with the Panels Plus Squaring Station. This model is designed to hold wall panels square while sheathing is tacked in place and rough openings are routed out.

The router bridge turns a 2-person job into a 1-person operation. The manual X-Y router bridge features two hand cranks. The bridge is equipped with a pendant to drive the bridge into position and has an auto-return feature to return the bridge to its home position with the push of a button. The manual X-Y router bridge is available in 120v or 230v 3ph.

Benefits

- Ergonomic working height
- Single person operation
- Router bridge easily cuts out rough openings
- Holds wall square while tacking sheathing
- Improved squareness vs. traditional methods

Features

- Squaring Table
- Manual X-Y Router Bridge
 - Handheld Control Pendant
 - Hand Cranks
- Stationary Side
- Telescoping Side
- Squaring Stops
- Footswitch & Push-Button Controls
- Horizontal Rollers



Squaring Table with Stationary & Telescoping Sides



120v or 230v Router



Footswitch



Wood Wall Panel Against Squaring Stops

WOOD WALL SHEATHING

Single Beam Sheathing Station

The Single Beam Sheathing Station offers flexibility in fastener spacing both in the field, on seams, and while stitching the top and bottom plates. This Sheathing Station consists of a squaring table and single beam bridge equipped with a tool carriage and stitchers to fasten sheathing to wood wall panels.

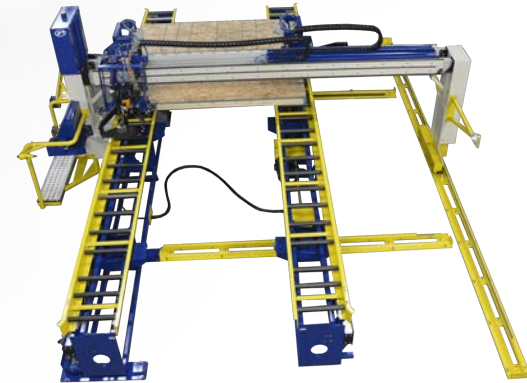
The tool carriage travels across the wall inserting fasteners at the spacing set by the operator. The stitchers will automatically insert fasteners through the sheathing into the top and bottom plates at your chosen spacing during the auto-return process. The bridge has 9 programmable presets for fastener spacing and 9 for wall height.

Benefits

- Ergonomic working height
- Flexibility with fastener spacing
- Fastens consistently and accurately
- Reduces the risk of “shiners”

Features

- Squaring Table
- Single Beam Bridge
 - Tool Carriage
 - Joystick
 - Plate Stitchers
 - Operator Platform
 - Touchscreen
- Stationary Side
- Telescoping Side
- Squaring Edge
- Footswitch & Push-Button Controls
- Horizontal Rollers



Single Beam
Sheathing Station



Touchscreen & Joystick



Sheathing Station With
Operator Platform



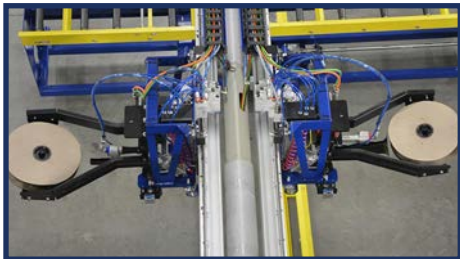
Tool Carriage



Dual Beam Sheathing Station

The Dual Beam Sheathing Station offers flexibility in fastener spacing both in the field and on the seams. This Sheathing Station consists of a squaring table and a dual beam bridge equipped with two tool carriages to fasten sheathing to wood wall panels.

The dual beam bridge allows two tool carriages with different fasteners to be mounted simultaneously for fast changeover between fasteners. The tool carriage travels across the wall inserting fasteners at the spacing set by the operator. The bridge has 9 programmable presets for fastener spacing and 9 for wall height.



Dual Beam Bridge



Dual Beam Sheathing Station



Touchscreen & Joystick



Tool Carriage

Benefits

- Ergonomic working height
- Flexibility with fastener spacing
- Fastens consistently and accurately

Features

- Squaring Table
- Dual Beam Bridge
 - Tool Carriages (2)
 - Joystick
 - Operator Platform
 - Touchscreen
- Stationary Side
- Telescoping Side
- Squaring Edge
- Footswitch & Push-Button Controls
- Horizontal Rollers

**NEW
PRODUCT**

PLATINUM SERIES AUTOMATED SHEATHING STATION



The Platinum Series Automated Sheathing Station is the most automated model of sheathing station that Panels Plus offers. The system's automated processes reduce the amount of time an operator needs to be hands-on during the sheathing process.

The single beam bridge is driven using information received from MiTek's ShopNet™ software to completely fasten sheathing to studs, blocking, headers, and sill plates. This model also features automatic crown adjustment to ensure quality panels every time.

The tool carriage travels across the wall inserting fasteners into the studs at the spacing set by the software. The plate stitchers will automatically insert fasteners through the sheathing into the top and bottom plates, headers, and sills. When ran in manual mode, the bridge has 9 programmable presets for fastener spacing and 9 for wall height.



Operator Platform



Single Beam Bridge



Touchscreen with updated interface & software



Single Beam Bridge

Benefits

- Increased automation
- Compatible with MiTek's ShopNet™ software
- Automatic crown adjustment
- Fastens consistently and accurately
- Flexibility with fastener spacing
- Can be ran in manual mode

Features

- Squaring Table
- Single Beam Bridge
 - Touchscreen with updated interface & software
 - Tool Carriage
 - Joystick (for manual mode use)
 - Plate Stitchers
 - Operator Platform
 - Safety Scanners
- Stationary Side
- Telescoping Side
- Squaring Edge
- Footswitch & Push-Button Controls
- Horizontal Rollers



Learn more about this new product!

LIGHT GAUGE STEEL FRAMING & SHEATHING

Light Gauge Steel Framing Station

The Light Gauge Steel Framing Station consists of a steel framing table and two screw tool carriages. The steel framing table holds the cold-formed steel C channels and tracks squarely in place for fastening.

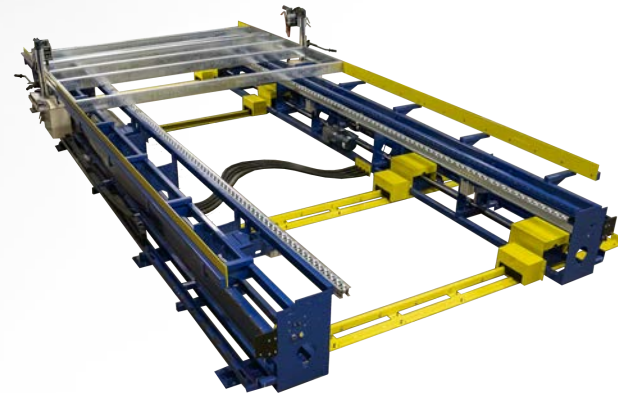
One screw tool carriage is attached to each side of the steel framing table. Each screw tool carriage holds two screw tools (sold separately). This semi-automated system inserts a screw into the top and bottom of the track and into the studs via push-button controls. The screw tool carriages eliminate the need to fasten steel wall panels by hand.

Benefits

- Ergonomic working height
- Improved squareness vs. traditional methods
- Superior steel wall panel consistency

Features

- Framing Table
- Screw Tool Carriages (2)
- Stationary Side
- Telescoping Side
- Squaring Edge
- Squaring Stops
- Footswitch & Push-Button Controls
- Pop-Up Conveyors



Framing Table with Screw
Tool Carriage



Screw Tool Carriage



Light Gauge Steel
Framing Station



Push-Button Controls



Light Gauge Steel Sheathing Station

The Light Gauge Steel Sheathing Station offers flexibility in wall height and sheathing thickness. Screw spacing is preset. This specialized Sheathing Station screws sheathing to steel wall panels. The Steel Sheathing Station is equipped with a squaring table and multi-tool steel sheathing bridge.

The multi-tool sheathing bridge is equipped with a handheld control pendant that assists with moving the bridge to the next screw placement. There is also a hand crank wheel for fine-tune movement. The multi-tool sheathing bridge uses electric screw tools to screw sheathing to the steel wall panels at preset fastener spacing (screw tools not included).

Benefits

- Ergonomic working height
- Single person operation
- Flexibility with fastener spacing
- Fastens consistently and accurately

Features

- Squaring Table
- Multi-tool Sheathing Bridge
 - Electric Screw Tool Mounts
 - Handheld Control Pendant
 - Hand Crank Wheel
 - Touchscreen
- Stationary Side
- Telescoping Side
- Squaring Edge
- Footswitch & Push-Button Controls
- Horizontal Rollers



Multi-Tool Sheathing Bridge



Electric Screw Tools



Footswitch



Handheld Control Pendant

FLOOR CASSETTE STATION

The Panels Plus Floor Cassette Station is designed to hold joists in a square position for fastening decking. Dimensional lumber, I-joists, and open web floor truss configurations are all compatible with this floor cassette table.

The Floor Cassette Station consists of a clamping table with color-coded joist locators that can be spaced based on the customers' needs. When the floor cassette is completed, the floor cassette can be raised up on pop-up conveyors and either manually rolled out or picked up by an overhead crane.

The Floor Cassette Station is developed at a lower working height, so fall protection is not required when fastening decking.

Benefits

- Holds floor cassettes square
- Floor cassettes pop up on completion and can be rolled out or picked up with a crane

Features

- Clamping Table
- Stationary Side
- Telescoping Side
- Joist Locators
- Squaring Edge
- Footswitch & Push-Button Controls
- Pop-Up Conveyors



Clamping Table



Joists Placed on Table



Footswitch &
Push-Button Controls



Color-Coded Joist Locators

PNEUMATIC TILT TABLE



The Pneumatic Tilt Table allows operators to easily access both sides of the wall panel. It offers an ergonomic design that pneumatically tilts the panel for easy access to either side of the wall panel. The Tilt Table is compatible with both wood and light-gauge steel wall panels.

With single person operation, the Tilt Table pneumatically lifts the wall panel from lying flat to a 75-degree angle. It also provides the ability to easily access all sides of the wall panel, including the backside. This allows the operator to inspect the wall panel or to install horizontal blocking.

Benefits

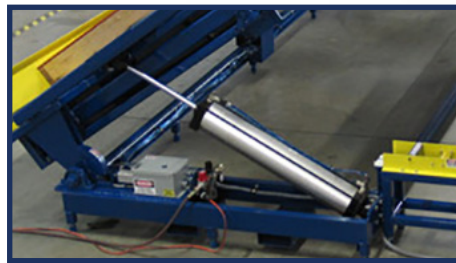
- Ergonomic design
- Single person operation
- Provides working access to either side of wall panel

Features

- Pneumatic Lift Cylinders
- Movable Work Pedestal
- Horizontal Rollers



Fully Tilted Table



Pneumatic Lift Cylinders



Movable Work Pedestal



Table Lock Mechanism

SUBCOMPONENT TABLE

The Subcomponent Table is designed for building rough opening sections. It features pop-up rollers, a squaring edge, and a manual telescoping side to easily adjust and set the wall height.

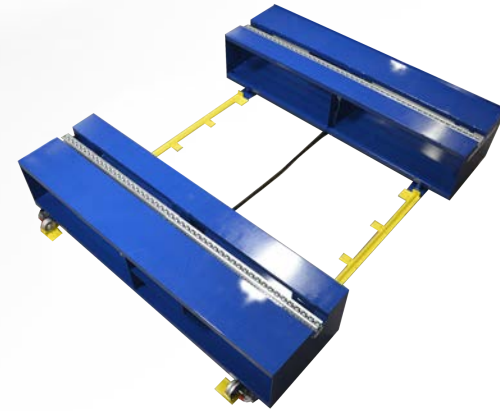
The pop-up rollers on the Subcomponent Table make it easy to transition subcomponents from the table to your desired location or down the production line. It is developed at an ergonomic working height, eliminating the need to continually kneel or hunch over to build subcomponents.

Benefits

- Ease of moving product down the production line via pop-up rollers
- More than 1 person can work at a station
- Ergonomic working height

Features

- Manually Telescoping Side
- Squaring Edge
- Pop-Up Rollers
- Push-Button Controls



Push Button Controls



Subcomponent on Table



Pop-Up Rollers



Table Lock Mechanism

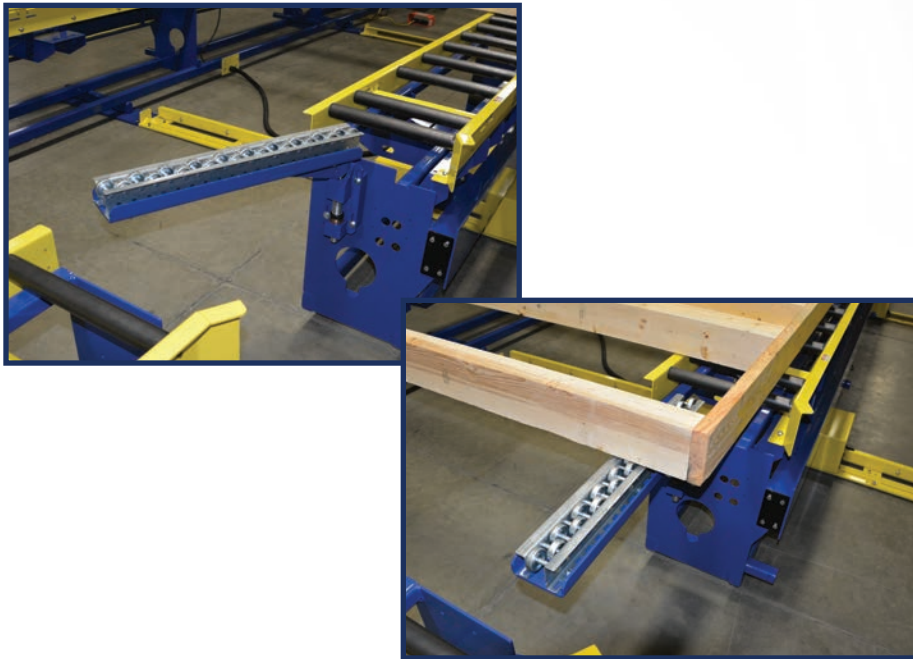
ACCESSORIES

Swing Gates

Swing gates bolt onto either end of the Panels Plus stations and allow subcomponents and wall panels to roll freely from station to station without having to be lifted.

Benefits

- Easily transport subcomponents and wall panels between stations
- Walk-through passage between stations



Handlebar Router

The Handlebar Router is a low-cost option for those who don't want to purchase a routing bridge.

The Handlebar Router is used in conjunction with the Squaring Station and Combo Station. Two operators hold the handlebars on either end to cut out rough openings.

Benefits

- Lightweight and ergonomic design
- Router control on both ends
- Low-cost routing option



ACCESSORIES

Panel Lift

The Panel Lift is used to lift panels at the end of the production line and stack them for shipment. The center lift connection allows for balanced lifting with a ceiling hoist or forklift.

Benefits

- Easily adjusted for varying wall heights
- Lift handles allow easy manual panel movement



Roller Conveyors & Power Conveyors

Roller Conveyors transport subcomponents and wall panels between stations with ease. The Panels Plus Roller Conveyors are placed between stations to transport subcomponents and wall panels between the various stations, or to act as buffer zones between stations.

Benefits

- Easily transport subcomponents and wall panels
- Buffer zone between tables
- Ergonomic height

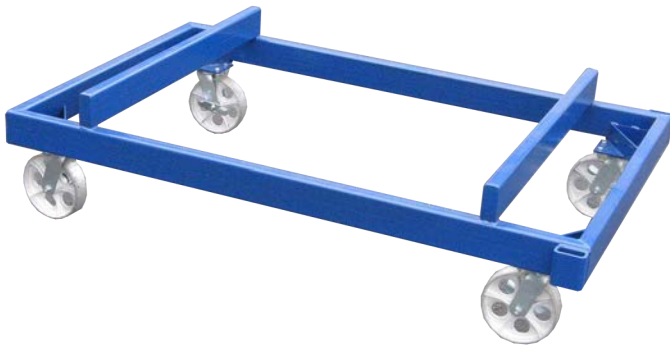


Bulk Cart

The Bulk Cart is designed for on-site assistance during wall panel and floor cassette construction. This cart can assist in staging materials and work as a place holder for product.

Benefits

- Steel construction
- Easily transport components, bunks of studs, plates, and sheathing



Tree Cart

The Tree Cart is built to house and store the various components needed to complete the construction of wall panels and floor cassettes. It is designed to hold pre-marked studs and various cut components for rough openings.

Benefits

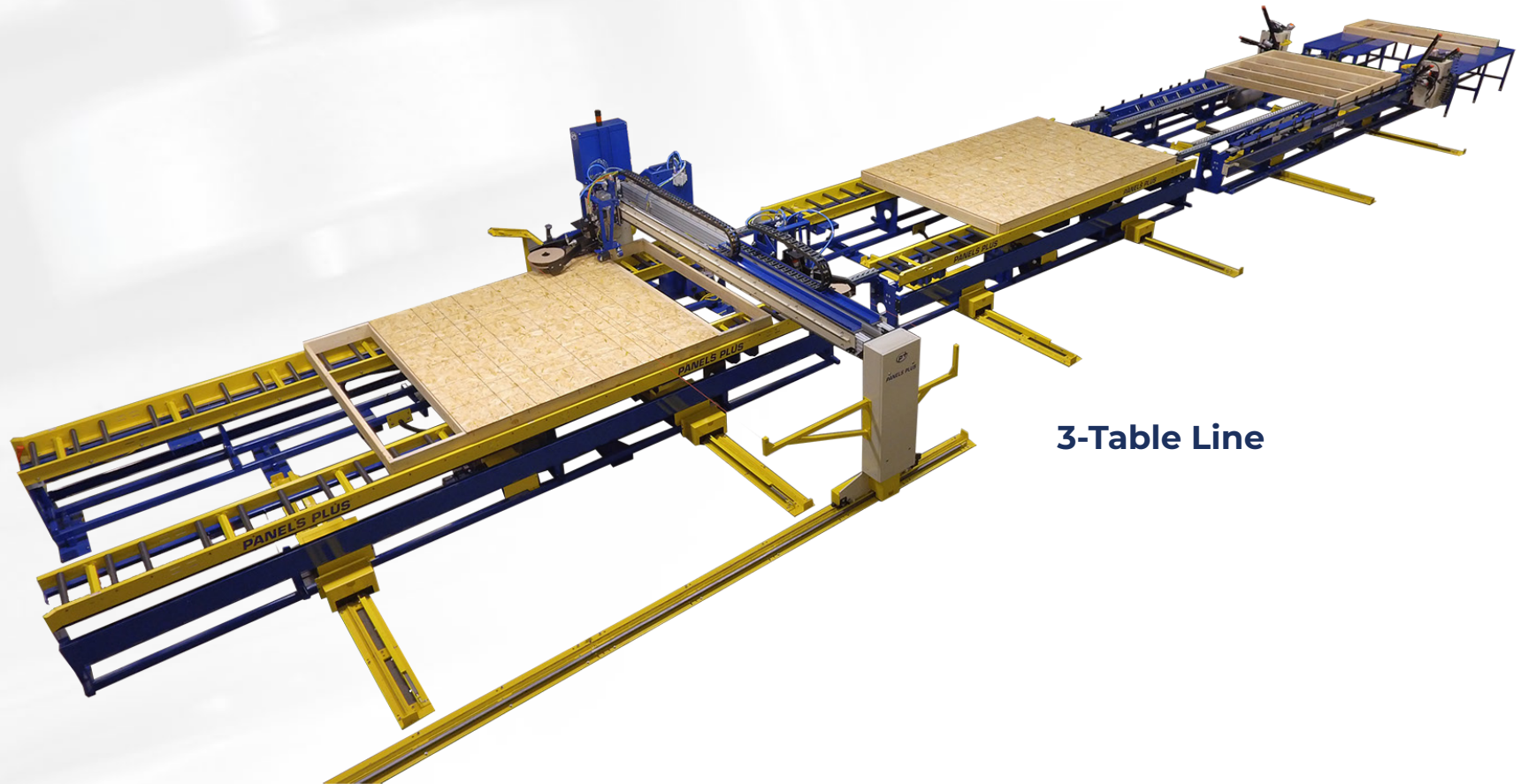
- Steel construction
- Staging area for subcomponents and panels
- Assists with material organization



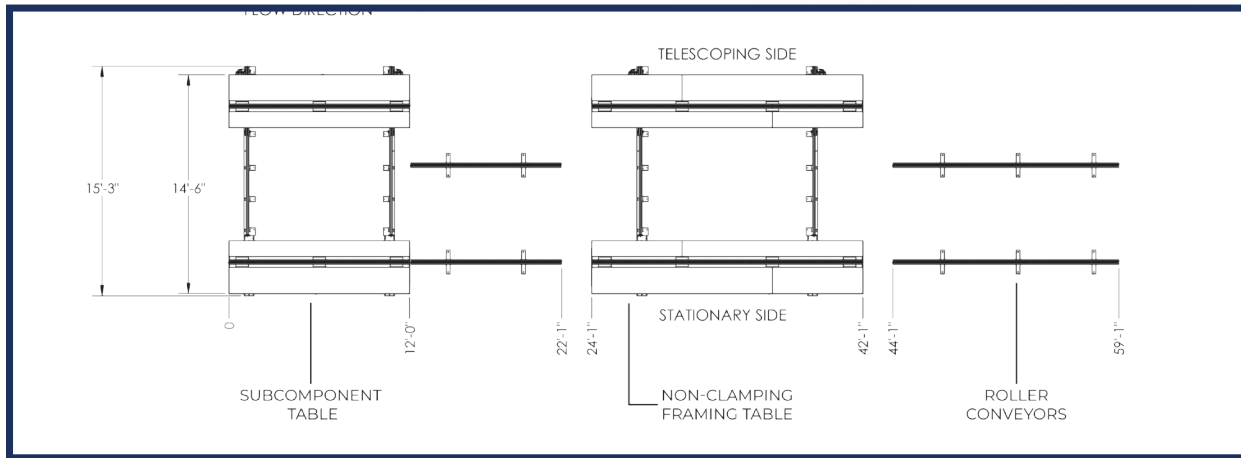
PRODUCTION LINES

Panels Plus production lines are designed to efficiently manufacture wall panels and floor cassettes from start to finish. Determining the best production line(s) for your facility is based on your organization's production goals and the layout of your facility.

Whether you're a startup plant or you're seasoned in the industry, Panels Plus offers a variety of production lines to meet your needs. In addition to the production lines listed, Panels Plus will work with you to suggest a custom layout that best-suits your organization.



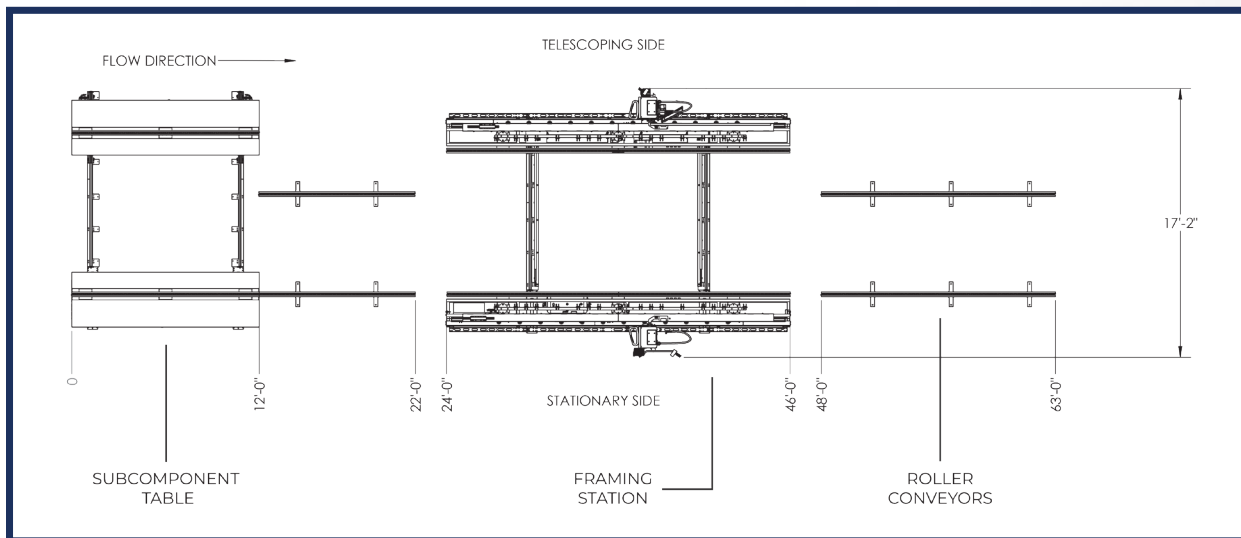
3-Table Line



Interior Hand Framing Line

A non-clamping line that includes a 12' Subcomponent Table, 18' Non-Clamping Framing Station, and Roller Conveyors.

This production line is ideal for customers that want to manually fasten wall panels by hand. This line is also compatible with those using plate-marking saws.

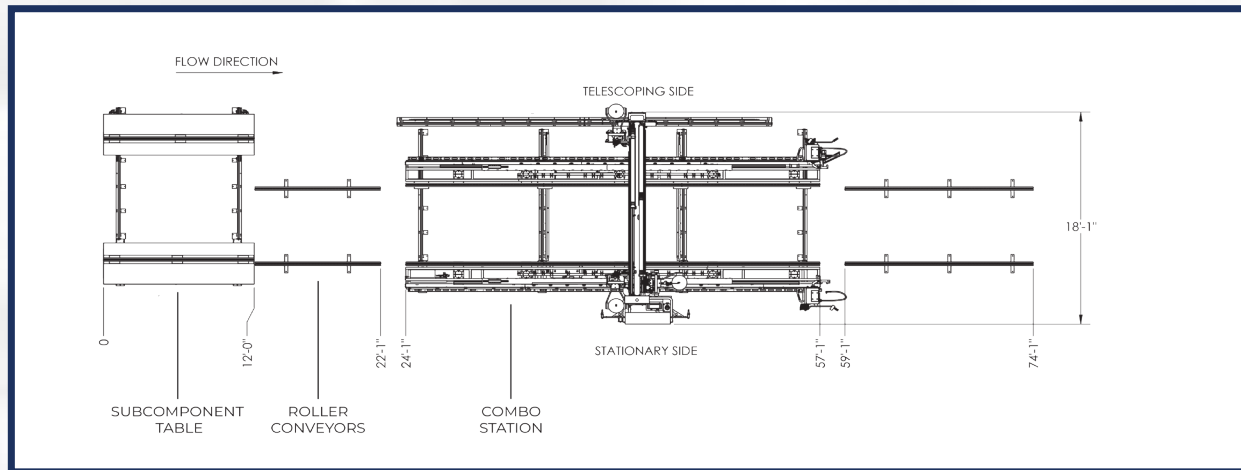


Interior Line

Includes a Framing Station, 12' Subcomponent Table, and Roller Conveyors.

Designed for building interior wall panels, and ideal for customers that want to run a line parallel to their exterior line to increase interior wall production capacity.

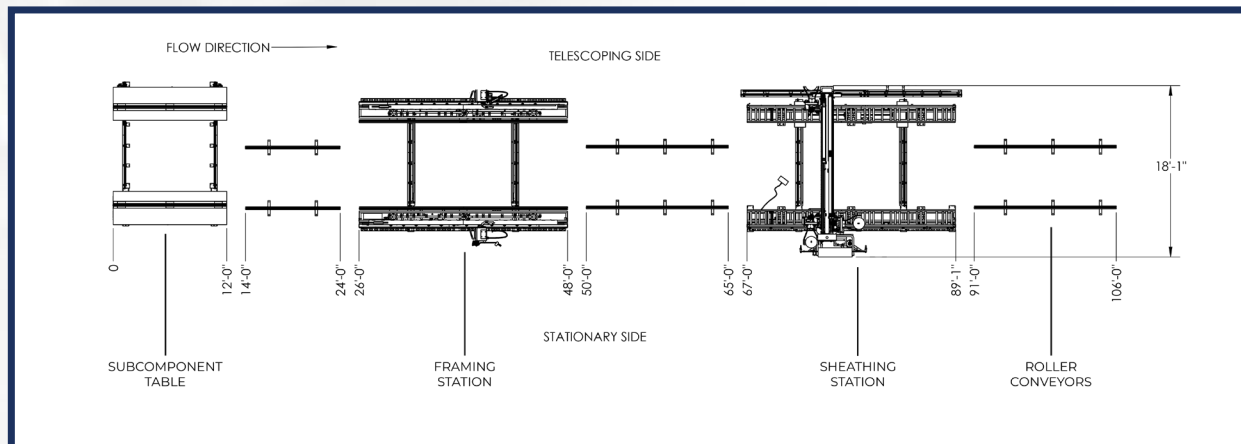
PRODUCTION LINES



Combo Line

Includes a Combo Station, 12' Subcomponent Table, and Roller Conveyors.

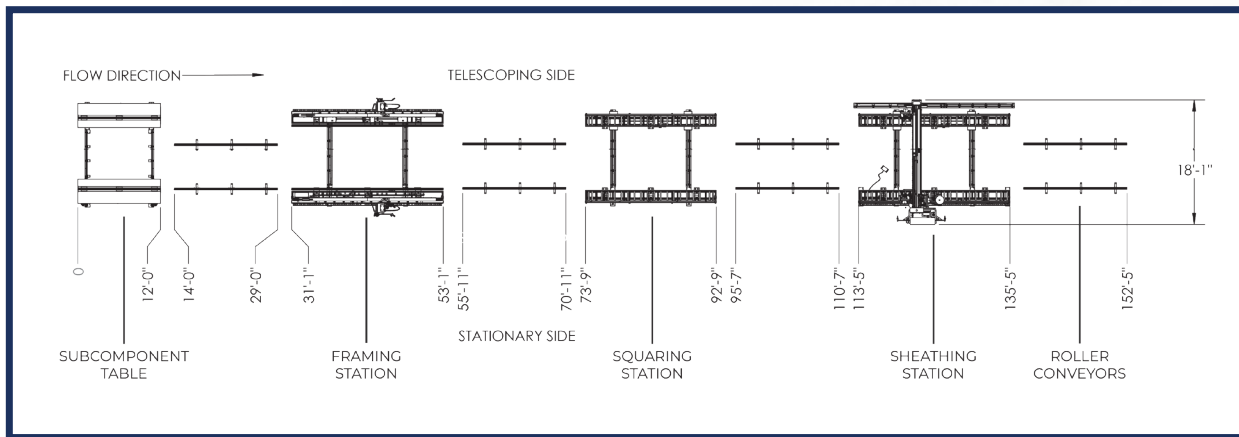
An all-in-one system with a small footprint for framing and sheathing wall panels. This lower volume line is a great starting point for those in the panelizing industry.



2-Table Line

Includes a Framing Station, Sheathing Station, 12' Subcomponent Table, and Roller Conveyors.

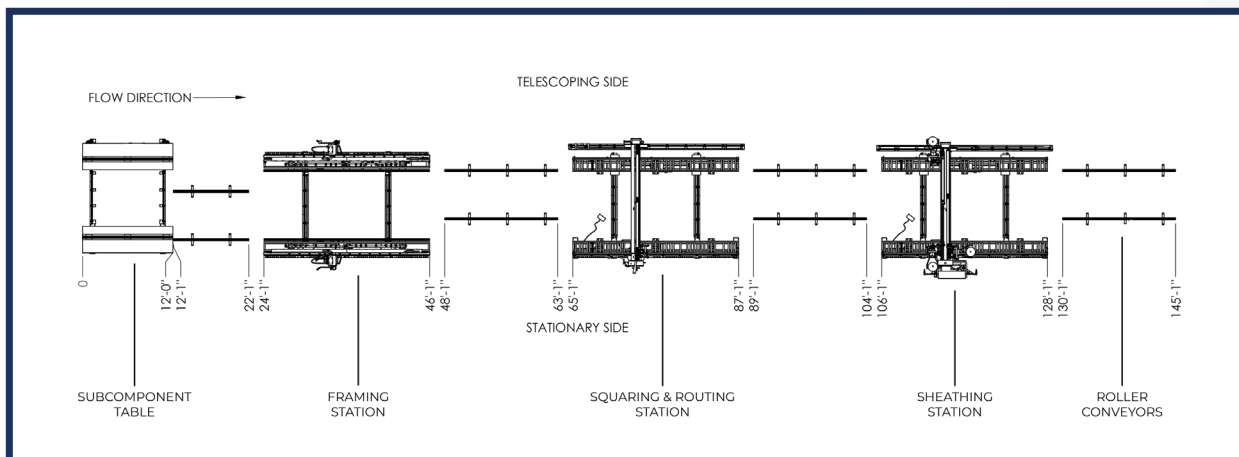
A larger footprint than the Combo Line but allows for increased wall production capacity.



3-Table Line

Includes a Framing Station, Squaring Station, Sheathing Station, 12' Subcomponent Table, and Roller Conveyors.

Known as a Full Production Line. It has the largest footprint and highest production output in comparison to the Hand Framing, Interior, Combo, and 2-Table Lines.



3-Table Router Line

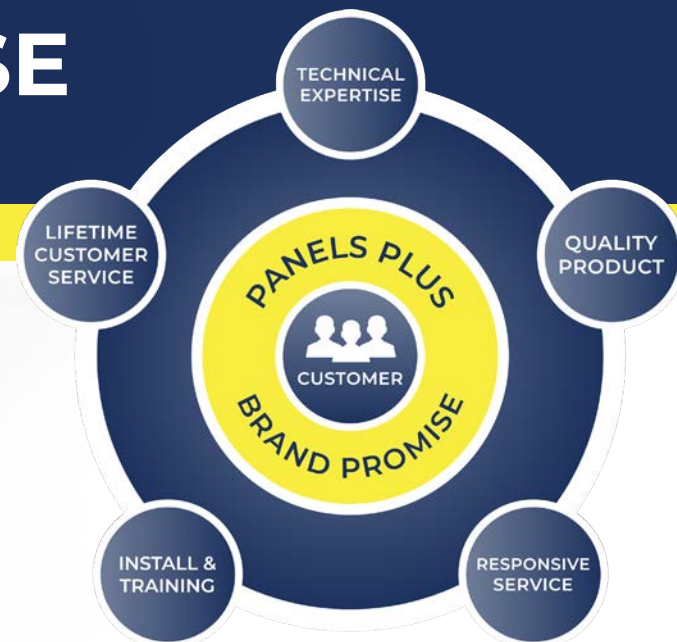
Includes a Framing Station, Squaring & Routing Station, Sheathing Station, 12' Subcomponent Table, and Roller Conveyors.

Boasts the same features and benefits of a 3-Table Line but incorporates a manual X-Y router bridge into the Sheathing Station for routing out rough openings.

THE PANELS PLUS PROMISE

We promise to support our customers for as long as they own Panels Plus equipment. Whether you're a startup plant and need technical expertise, or you're seasoned in the industry and are planning to integrate equipment into your existing lines, Panels Plus will be here to help ensure your success.

Our mission is to provide unique and effective solutions that improve our customers' processes and products by designing and manufacturing world-class industrial production equipment.



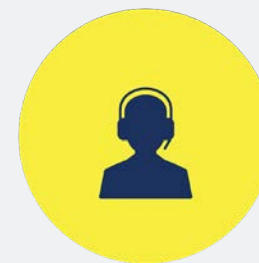
Technical Expertise & Assistance

Our equipment is designed and built with expansion in mind. As your business grows, so can your system. Our technical experts can assist with your building layout and suggest efficient equipment choices based on your specific goals and needs.



Installation & Training

In addition to receiving a quality-made product, a Panels Plus technician will be present for the installation of your equipment. When installation is complete, a technician will also train your operators and maintenance department. Before we leave, your team will know how to operate and properly maintain each machine.



Customer Support

Our service doesn't end after a product has been purchased. Our team is available to assist you with any questions or concerns you may have, for as long as you own your Panels Plus equipment.

Call **866.726.7587** or email **sales@panplus.com** to receive support from our qualified team.



Innovance is the holding company for a family of four, 100% employee-owned, Minnesota-based manufacturing companies. Formed in 2004, the **Innovance** name comes from two defining characteristics of the organization; **inn**ovation and perform**ance**. Our 400+ employee-owners, strive to make every customer interaction a great one.

Mission Statement

To lead, nurture, and grow a team of industrial manufacturing companies committed to making our OEM customers' products better.





We Nailed It



Bob V
Chris
Lance Moten
Jordan Leach
Dustin V
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