

FRAMING | SQUARING | SHEATHING | LIGHT GAUGE STEEL | ACCESSORIES



**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. We have also added various product lines and accessories based on customer request and market demand.

**Panels Plus** is one of five Employee-Owned entities under our parent company, Innovance. Our combined 345,000 square foot manufacturing facilities are located in Albert Lea, Minnesota where you'll find manufacturing professionals working under two very pure and aggressive objectives:

- + Create outstanding products that serve the requirements of our customers.
- + With quality in mind, provide outstanding service and support.





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# WOOD FRAMING

### **Wood Framing**

Efficiently built walls with a consistent approach is exactly what you get with a Panels Plus Wood Framing system. Our standard tables can be stand alone or integrated into a larger system, custom sizes and configurations available. Our wall framing equipment is designed to frame wall panels from lumber that is 2 x 4 all the way up to 2 x 10. The table holds the plates, subcomponents and studs squarely in place for fastening to ensure quality panels every time.

#### **Features:**

- Pop up conveyors
- Ergonomic design
- Table clamping controls on both ends
- 4ft to 12ft-4in wall height and 16ft length

- $\cdot\,$  Stud locators
- $\cdot$  Laser ready table
- Indexing nailing carriages
- Powered conveyors
- Custom lengths available





# WALL SQUARING

### Wall Squaring

Your commitment to building the best starts and ends with quality, and so does ours. When building walls, making sure everything is square is an absolute must, and that's just exactly what our Wall Squaring Equipment does. The squaring table is designed to hold wall panels square while sheathing is secured in place. The wall panel is rolled into the Squaring table from the Framer or buffer station and clamped. Once work is completed, it is rolled onto the buffer station or sheathing station.

#### **Features:**

- $\cdot$  12in rollers for wall transfer
- Foot switch for opening and closing of table
- Squaring stops
- 4ft to 12ft-4in wall height and 16ft length
- Custom lengths available
- 120v or 220v Manual X-Y router bridge





# WOOD WALL SHEATHING

### Wood Wall Sheathing

The Panels Plus Sheathing Table is designed to hold wall panels securely and squarely in place during the fastening operation. The sheathing bridge operates with a single tool that smoothly traverses the wall panel, shooting nails at a pre-set nail spacing. Easy setup and operation, and every Panels Plus system comes with full product training and support. There is a tremendous amount of flexibility in the fastener spacing both in the field and seams.

#### **Features:**

- Touchscreen & Joystick operation
- Preset buttons for nail spacing and wall height
- Servo driven system
- Nail spacing accuracy
- Table clamping controls on both ends
- 4ft to 12ft-4in wall height and 16ft length

- Single tool beam with plate stitchers
- Dual beam single tool
- Custom lengths available





# LIGHT GAUGE STEEL FRAMING

# **Light Gauge Steel Framing**

This equipment is designed exclusively for building light gauge steel wall panels. We realize that sometimes steel is preferred over wood, and Panels Plus has developed equipment made to efficiently handle light gauge steel. The tracks and studs are manually loaded onto the table and placed in the proper position. The wall is then clamped to ensure the wall is square before screwing the tracks to the studs.

#### **Features:**

#### **Options:**

· Custom lengths available

- Carriages with screw tools fasten top and bottom of track to the studs
- Clamping edge
- Squaring stops
- $\cdot\,$  Pop up conveyors for easy roll out
- $\cdot\,$  Table clamping controls on both ends
- $\cdot$  7ft to 12ft-4in wall height and 16ft length





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# LIGHT GAUGE STEEL SHEATHING

# **Light Gauge Steel Sheathing**

Similar to the wood version, this equipment has been specially designed to screw sheathing to light gauge steel C channel studs. It will accept wall panels up to 16ft in length. The wall panel is rolled into the sheathing machine from either the framer or squaring table and then clamped in place to ensure the wall panel is square. The operator is then able to use the bridge to fasten the sheathing to the wall. The process is simple, and the results are outstanding.

#### **Features:**

- $\cdot$  24 screw tools at 6in spacing
- $\cdot$  3in shift to allow for 3in screw spacing
- Table clamping controls on both ends
- 12ft-4in wall height to 16ft length
- Custom lengths available
- Custom spacing of tools







# **Tilt Table**

The Panels Plus Tilt Table Station operates quickly and safely with just one operator required. This sturdy machine is designed to smoothly tilt the wall panel from lying flat to a 75-degree angle. Once the panel is tilted, the operator has easy access to work on the back side of the wall. Several safety features are built in, so that once the wall panel is rolled onto the table and clamped into position, it will stay secured when tilted.

#### Features:

- · Horizontal rollers for easy in and out
- Pneumatic lift cylinders
- Movable work pedestal with all controls
- 7ft to 12ft-4in wall height up to 16ft long





# **FLOOR CASSETTE**

### **Floor Cassette Machine**

The Panels Plus Floor Cassette machine makes quick work of building floor sections. This machine is designed to hold rims and joists in a square position. There is a tremendous amount of flexibility with this equipment. Dimensional lumber, I-joists and open web floor truss configurations easily fit in this equipment. After the floor is complete and unclamped, the floor section can be raised up on skate-wheel conveyors and rolled out or lifted off the table using an overhead crane.

#### **Features:**

- $\cdot\,$  Clamping with squaring lips
- Ergonomic height

- 8ft & 12ft width
- Variable length options
- Variable locator spacings





# SUB COMPONENTS

### **Work Tables**

Sometimes you just need a sturdy work table or two as part of your building system. They may look simple, but there are some very nice features built into the Panels Plus Work Tables including pop-up rollers, stationary and telescoping side with squaring edge. Most of these tables are used to build rough opening sections and in some cases hand framing without clamping.

• 12ft & 18ft versions

#### **Features:**

- $\cdot\,$  Telescoping side on V-Tracks
- Opens to match wall height
- Pop up rollers to move component out
- Ergonomic height
- Squaring edge





# Swing Gates

These bolt on to either end of stations. The gates allow walk-through passage and swing back into place to prevent product from dropping between the stations.



## **Handle Bar Router**

The Handle Bar router is used in conjunction with the squaring table to rout out window and door openings. This features a 3.25 HP router with plunge bit. Operators hold handle bars and rout window and door openings.



### **Panel Lift**

The panel lift is used to lift walls from the end of the line and stack for shipment. It will lift 7ft to 12ft-4in walls. The panel lift hooks to your hoist system and is easily adjusted for different wall heights.



## **Roller Conveyors**

The roller conveyors are used to transport sub-components from the work tables to the framer, for conveying and staging walls between tables and at the end of the line. They are available in multiple lengths and can be placed end to end for creating longer staging areas.





# The Innovance name comes from our two defining characteristics; Innovation and Performance.

At Innovance, we believe that when employees are owners, that makes everything in the customer experience better. While we are proud of the equipment and capabilities inside our facility our greatest asset, and the reason our customers trust Innovance, will always be our people.







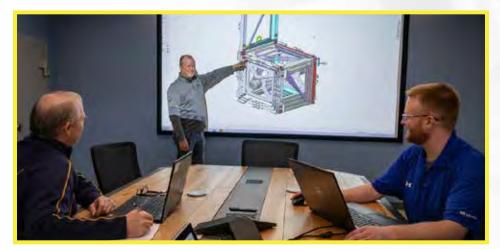










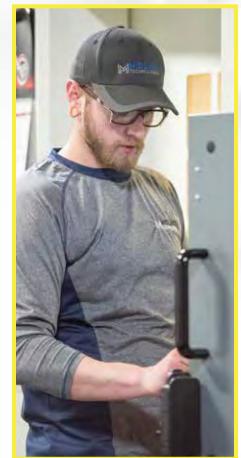
















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