

PANELMax

Precision
Drywall Fabrication

PanelMax®

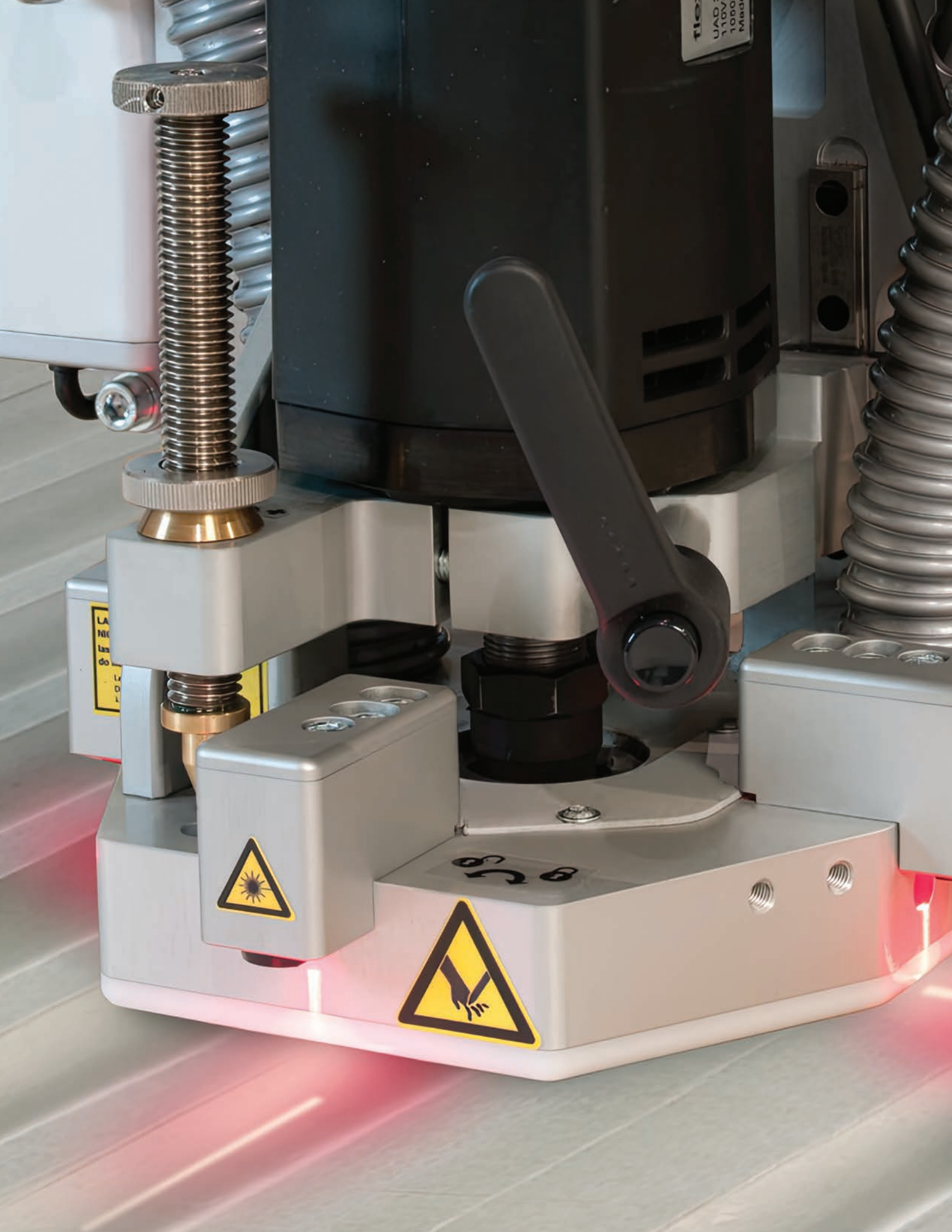
Fräsaaggregat
Speed / 1 piece unit
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8600.380.001
1.5 kW
115 V
50 Hz
Made in Germany
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SPEED
rev/min
25000 6
22000 5
19000 4
16000 3
13000 2
11000 1

LASERSTRAHLUNG
NICHT IN DEN STRAHL, BLICKEN
laser radiation
do not view directly
Laser Power Class II
EN 60825-1:2014
2 = 0.001 mW



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Revolutionize Your Drywall Approach



SUPERCHARGED PRODUCTIVITY

Boost your output and save resources every step of the way with consistent, ready-to-install castle cuts, columns, corners, recessed boxes, stepped soffits, and much more.



FLEXIBLE UTILITY

PanelMax's quick-change router and saw heads make set-up and change-out easy, keeping your on- or off-site prefabrication quick and efficient.



ENGINEERED FOR EASE

Intuitive operation with no certification needed means even the most challenging assemblies can be fabricated by anyone on your crew.

PanelMax Methods		VS.	Traditional Hand Methods
Corners	- Fast, precise corner fabrication - No hand-finishing required - Perfect corners every time - Saves time, labor, and material costs		- Extra time for hand-finishing - Manual, repetitive cuts - High risk of injury and fatigue - Additional materials often required
Long Runs	- Cuts production time - Requires fewer workers - Portable for on-site or off-site fabrication - Ideal for large-scale projects like hospitals, data centers, and airports		- Labor-intensive and slow - Multiple workers needed - Increased fatigue and errors
Specialty Profiles	- Handles complex profiles with ease - Offers unlimited design possibilities - Ensures consistent precision and repeatability - Reduces the need for specialized labor		- Accuracy difficult or impossible - Requires highly skilled labor - Limited design possibilities - Extra time for customization and finishing

PanelMax® Introduction

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Precision Drywall Fabrication for Prefab and Off-site Facilities

PanelMax drywall fabrication solutions empower off-site and prefabrication contractors to deliver higher-quality assemblies with unmatched speed, accuracy, and repeatability. By transforming full sheets of drywall into precisely milled, ready-to-assemble components, PanelMax reduces labor, minimizes finishing, and virtually eliminates jobsite waste. Whether you're producing repeatable parts, complex architectural details, or fully finished assembly components, PanelMax provides a reliable, production-grade platform that boosts throughput, enhances consistency, and accelerates delivery. It's the ideal solution for contractors who demand precision at scale and efficiency that keeps pace with modern prefabrication workflows.



Precision at Production Scale

PanelMax transforms full sheets of drywall into precision-milled, ready-to-assemble components, delivering unmatched accuracy, repeatability, and consistency across high-volume prefab operations.



Faster Throughput Less Labor

By reducing manual handling, finishing time, and rework, PanelMax accelerates drywall fabrication while lowering labor demands—keeping off-site facilities moving at true production speed.

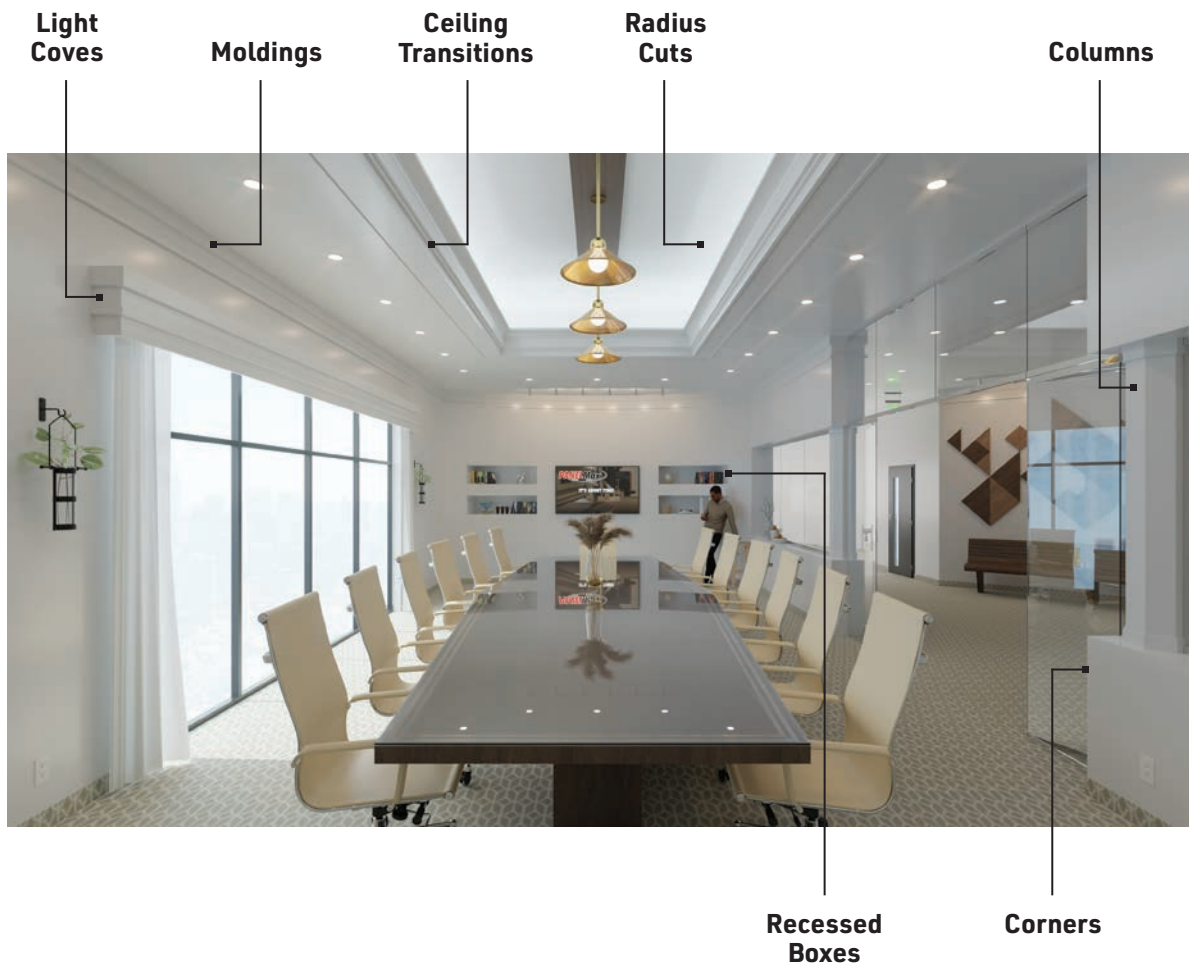


Built for Modern Facilities

Designed for off-site construction environments, PanelMax minimizes waste, enhances quality control, and delivers production-grade reliability for today's prefab and modular workflows.

Complex Installations, Efficient Fabrication

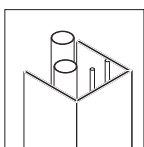
PanelMax solutions are engineered for gypsum board and compatible substrates, producing uniform precision grooves that support accurately aligned, repeatable assemblies across multiple drywall configurations. Milled corners and edge conditions exhibit consistent geometry and reduced surface irregularities, significantly limiting the need for secondary finishing materials or processes. The resulting reduction in fabrication steps and installation labor contributes to measurable efficiencies in both production and overall project cost performance.



PanelMax® Applications

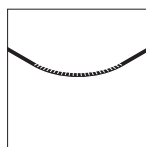
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This selection highlights a range of common PanelMax applications. The system is capable of much more, supporting advanced details such as knife-edge corners, light coves, moldings, reinforced corners, and a wide variety of additional architectural and prefabricated assemblies.



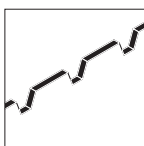
Bulkhead Enclosures

Easily produce precise cutouts for penetrations, including pipes, ducts, and structural elements, ensuring accurate alignment with minimal material waste. PanelMax fabrication improves consistency and reduces on-site correction time.



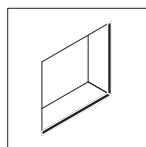
Radius Cuts

Use engineered relief cuts to form smooth concave or convex shapes for arches, curved walls, or barrel ceilings. PanelMax enables consistent curvature and faster assembly compared to traditional hand-cut methods.



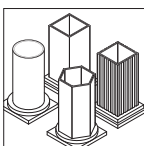
Castle Cuts

Create accurate, factory-quality edge profiles for head-of-wall applications, including conditions joining fluted steel deck. Improve installation speed and reduce finishing time through repeatable, high-precision cuts.



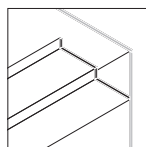
Recessed Boxes

Quickly fabricate recessed boxes, niches, and wall cavities with precise, repeatable dimensions, eliminating the need for manual measuring, hand cutting, and extensive on-site correction.



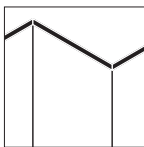
Columns

Efficiently fabricate drywall column wraps in a wide range of shapes, including round, fluted, rectangular, hexagonal, and other custom geometries. PanelMax milling delivers consistent edges and tight joints for clean installations.



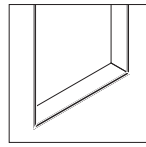
Soffits

Easily create simple or multi-step soffits and recessed ceiling features with accuracy and repeatability. Many designs can be assembled without drywall tape, multiple compound coats, or corner beads. Achieve unmatched productivity on long, continuous soffit runs.



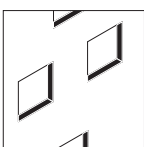
Corners

Produce true inside and outside corners without embedding drywall tape, joint compound, or corner beads. Milled corners assemble cleanly and minimize finishing supporting higher productivity and improved visual quality.



Window Returns

Produce smooth, clean window returns with integrated jambs and sills, delivering a gap-free finish that eliminates the need for wood trim, vinyl or metal beads, L-trim, or tear-away profiles. Improve speed, appearance, and installation consistency.



Decorative Cutouts

Create decorative drywall forms without relying on specialty beads such as reveals, J-beads, L-beads, or bullnose beads. Achieve clean edges, shadow lines, rounded corners, and architectural features, including coves, niches, and millwork-like details, more affordably and with exceptional precision.

PanelMax Has Your Drywall Prefabrication Covered—Anywhere.

PanelMax drywall fabrication solutions are available in four purpose-built configurations to match the way you work—from the stationary ST48, to the folding, caster-equipped FT30, to the hand-deployable CM10P3, and the advanced PanelMax CNC. No matter the application, PanelMax delivers the flexibility and precision needed to maximize crew productivity—on the jobsite and in the shop.



PanelMax CM10P3

Perfect for on-site convenience, this compact and portable machine brings PanelMax precision to any jobsite. CM10P3 includes a standard 10 ft. capacity track, control unit and 1,000-watt milling unit.



PanelMax FT30

A full-size portable machine that can be set up and operational in minutes. Its unique folding design allows it to be easily transported throughout the jobsite or shop and fit into construction elevators. Integrated casters on the center legs enable quick repositioning, and the included 4 ft. x 8 ft. folding table delivers full-size fabrication capability wherever it's needed.



PanelMax ST48

PanelMax ST48 is the industry-leading shop fabrication machine capable of handling material up to 54 in. x 12 ft., and up to 16 ft. with an optional table extension. This machine is the workhorse of any off-site fabrication.



PanelMax CNC

The PanelMax CNC machine's foundation is the job-proven PanelMax ST48, but that's where the similarities end. PanelMax CNC includes intuitive software and built-in presets for many common cutouts and workflows, and does not require special programming skills. An open-source G-code converter converts drawings done in Adobe Illustrator or other illustration programs to machine language giving you ultimate control of your designs.

PanelMax® CM10P3

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Portable Panel Fabrication Unit

Designed for maximum on-site convenience, the PanelMax CM10P3 delivers compact, portable precision anywhere the job takes you. It comes standard with a 10 ft. track, control unit, and 1,000 watt milling unit, providing a complete, ready-to-work solution.



Item	Specifications	Advantages
CM10P3	▪ Cutting length: up to 129.6 in. with an extension rail ▪ Cutting width: up to 129.6 in. ▪ Cutting depth (saw): up to 1.6 in. (optional) ▪ Feed rate: max. 26.3 ft./min. ▪ Equipment options: Saw unit, track extensions ▪ Total weight: appr. 100 lbs. ▪ Power requirements: 120V and dedicated 20A circuit ▪ Power consumption: 1.3 kW max.	▪ Standard 10 ft. capacity ▪ Fast and easy set-up ▪ Portable with wheeled travel case ▪ Double laser alignment ▪ Milling and sawing capability ▪ Dust-free operation ▪ 1,000-watt milling unit comes standard with a 90-degree bit ▪ One-year or 1,000-hr limited warranty

Note: Travel Case Dimensions: 61 in. (L) x 14 in. (W) x 14 in. (H)

Portable Fabrication Table Machine

PanelMax FT30 is a full-size portable machine that can be set up and operational in minutes. Its unique folding design allows it to be easily transported throughout the jobsite or shop and fit into construction elevators. Integrated casters on the center legs enable quick repositioning, and the included 4 ft. x 8 ft. folding table delivers full-size fabrication capability wherever it's needed.



Item	Specifications	Dimensions	Advantages
FT30	▪ Cutting length: up to 98.43 in. ▪ Cutting width: up to 59.05 in. ▪ Cutting depth: up to 2.44 in. ▪ Milling depth: up to 2 in. ▪ Board thickness: up to 3 in. ▪ Total weight: approx. 330 lbs. ▪ Power requirements: 120V and dedicated 20A circuit ▪ Power consumption: 2.5 kW max.	Folded: Width: 25.59 in. Depth: 76.77 in. Height: 76 in. Unfolded: Length: 118.11 in. Width: 76.77 in.	▪ Set up in minutes ▪ Easy jobsite transport ▪ Minimal required storage space ▪ Fits elevators or trucks ▪ Can be extended to accommodate 4 ft. x 12 ft. panels ▪ Full panel fabrication ▪ Dust-free operation ▪ One-year or 1,000-hr limited warranty

PanelMax® ST48

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Shop Fabrication Table Machine

PanelMax ST48 is the industry-leading shop fabrication solution built for maximum capacity and scalability, handling materials up to 54 in. x 12 ft. with default configuration and up to 16 ft. with a table extension. Multiple tables can be connected to process even longer materials, making the PanelMax ST48 ideal for high-volume, demanding shop environments. Each system includes a standard 4 ft. x 12 ft. table and traveler for immediate productivity.



Item	Specifications	Dimensions	Advantages
ST48	▪ Cutting length: up to 162.5 in. ▪ Cutting width: 56 in. ▪ Cutting depth: up to 2.44 in. ▪ Milling depth: up to 2 in. ▪ Board thickness: up to 3 in. ▪ Total weight: approx. 400 lbs. ▪ Power requirements: 120V and dedicated 20A circuit ▪ Power consumption: 2.5 kW max.	Length: 169.5 in. Width: 76 in. Height: 31.5 in.	▪ Standard table handles 54 in. x 12 ft. materials ▪ Optional extension handles 16 ft. material ▪ ST48 tables link for longer material ▪ Capable of full panel fabrication ▪ Provides clean, dust-free operation ▪ One-year or 1,000-hr limited warranty

Milling and Saw Fabrication Table Machine

Built on the proven PanelMax ST48 platform, the new PanelMax CNC makes creating and producing drywall CNC designs easy—no programming experience required. Its large touch-panel interface and intuitive software include built-in presets for circles, standard cutouts, and workflow shapes. An open-source G-code converter allows designs created in Adobe Illustrator or other illustration programs to be translated directly into machine language, providing full design control. PanelMax CNC combines a CNC milling machine and saw into one compact, easy-to-use system with a smartphone-like touch interface.



Item	Specifications	Dimensions	Advantages
CNC	▪ Cutting length: up to 144.7 in. ▪ Cutting width: up to 59.05 in. ▪ Cutting depth: up to 2.44 in. ▪ Feed rate: max. 32 ft./min. ▪ Milling depth: up to 2 in. ▪ Board thickness: up to 3 in. ▪ Total weight: appr. 1,110 lb. ▪ Power requirements: 480V/16A; 3-Phase ▪ Power consumption: M: 1.8 kW, S: 1.5 kW	Table: Length: 198 in. Width: 87.5 in. Height: 48 in. Electrical Cabinet: Length: 41.22 in. Width: 13.82 in. Height: 50.98 in.	▪ Automated milling and sawing system ▪ Automatically converts illustration formats ▪ Saves profile drawings for reuse ▪ Designed for mass fabrication ▪ Robust 2.5-axis gantry CNC ▪ Chain-driven X and Y axes ▪ Warp-resistant gantry design ▪ Full panel fabrication ▪ Dust-free operation ▪ One-year or 1,000-hr limited warranty

Safety

PanelMax significantly enhances jobsite safety. By securing material on a stable table or track system and using integrated dust-collection technology, PanelMax minimizes blade exposure, reduces airborne particulates, and eliminates many of the repetitive-motion risks associated with hand cutting. The result is a safer, cleaner, and more ergonomic workflow that helps protect crews while delivering consistent, high-quality components for faster, more reliable installation.

Personal Protective Equipment (PPE):

- Always wear safety glasses with side shields to protect against flying debris.
- Use hearing protection to safeguard against noise-induced hearing loss.
- Wear gloves to protect hands from sharp edges and hot surfaces.

Operational Safety:

- Ensure the work area is well-lit and free of obstructions.
- Secure the material firmly before cutting to prevent movement.
- Keep hands away from the cutting area during operation.
- Do not operate the equipment in explosive atmospheres or near flammable materials.

Equipment Handling:

- Do not force the equipment; use it at the rate for which it was designed.
- Disconnect the power source before making adjustments, changing accessories or storing the equipment.
- Avoid accidental starting; ensure the trigger is not activated before connecting to the power source.

Maintenance Safety:

- Use only manufacturer-recommended replacement parts and accessories.
- Have the equipment serviced by Grabber-approved, qualified personnel using identical replacement parts to ensure safety is maintained.

For a full list of safety considerations and guidelines, please visit **GrabberPro.com/PanelMax**.

Customer Service

Grabber PanelMax Service is supported by a dedicated team of trained maintenance and service professionals committed to keeping your operation running at peak performance. Customers receive expert training on proper setup and operation to ensure efficiency, accuracy, and long-term reliability from day one. With nationwide service coverage, Grabber delivers responsive support wherever your jobsite or facility is located, providing confidence, continuity, and dependable performance you can count on.

Expert Support You Can Rely On

Factory-trained service and maintenance professionals dedicated exclusively to PanelMax systems.

Onboarding That Drives Performance

Comprehensive training to ensure proper setup, safe operation, and maximum productivity from day one.

Service Where You Work

Nationwide coverage delivers fast, dependable support across the U.S. and Canada, minimizing downtime and disruption.

Long-Term Partnership

Ongoing service, maintenance, and technical expertise designed to protect your investment and extend equipment life.

Go Beyond the Catalog – Watch, Learn, and Request Your Demo Today

Scan the QR codes below for instant access to product details, live demos, and videos of PanelMax in action.



REQUEST A DEMO



LEARN MORE



WATCH VIDEOS



GrabberPro.com/PanelMax.

Notes

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GrabberPro.com



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