

# A NEW WAY OF THINKING ABOUT DRYWALL

# **Product Catalog**



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#### PANELMAX TURNS DRYWALL INTO AN ART FORM

Contractors who think of drywall, and cement board in a two-dimensional sense will find out that these materials are anything but flat. Grabber Construction Products, best known for premium fastening systems for wood, metal, and drywall applications, has recently introduced PanelMax board milling machine technology, revolutionizing the way drywall can be used.

PanelMax is a portable board milling machine designed for milling many building materials from gypsum to cement board up to 54 X 148 inch sizes. PanelMax is easy to operate with automatic machine head controls, dust free milling and fast prime and glue-up fabrication.

## **BRING DIMENSION TO DRYWALL WORK**

Create intricate shapes and structures with PanelMax from drywall much more affordably. Projects that require a lot of manual cutting or that have complex curves have always been cumbersome and timedetails can be completed much more cost effectively,

#### **SIMPLE TO OPERATE**

PanelMax is easy to operate with electric machine head controls, dust free milling and fast prime and glue-up fabrication. Now even the most challenging assembly can be produced and installed in minutes in one piece, no bead, no finishing, no call backs.



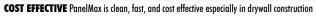
#### **REVOLUTIONARY**

PanelMax is a revolutionary system that makes creating intricate shapes and assemblies from drywall much more affordable. Projects that require a lot of manual cutting or that have complex curves have always been cumbersome and time-consuming for builders. Now even the most challenging assemblies can be completed more efficiently with less finishing, less labor and fewer materials.



**USE PANELMAX TO MILL:** 

Gypsum board MDF board Plastic



#### **FIND EASE IN COMPLEX CUTTING PROJECTS**

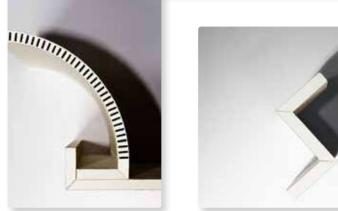
PanelMax machines a perfect corner through gypsum, wood, plastic or even cement board. The precision engineered grove allows you to fabricate the material into an assembly that will be rigid and precisely aligned. PanelMax milled corners, especially drywall, are clean and precise minimizing the need for additional edge finishing; saving time, labor and material costs. PanelMax is the perfect tool for architecturally demanding projects or for large endeavors that require multiple, complex installations. This new advanced panel fabrication makes designs and innovations possible using drywall that may never have attempted considered before.





#### BRING DIMENSION TO **DRYWALL WORK**

Create intricate shapes and structures with PanelMax from drywall much more affordably. Projects that require a lot of manual cutting or that have complex curves have always been cumbersome and time consuming for builders. Now even the most challenging details can be completed much more cost effectively; requiring much less finishing time and materials.





#### **MILLING AND SAWING TABLE UNITS**



#### PanelMax Saw Unit

Use one saw unit for all your panel dimensioning. Switching between the X and Y axis is as simple as the flip of a lever. The PanelMax saw unit is variable speed, so speed can be adjusted for the work material. Precise laser alignment, state-of-the-art base design and exceptional dust collection make for clean efficient and accurate production.

- Variable speed control
- Motor: 1.5kW.
- Cuts on both the X&Y axis
- Power: 1,530W
- Laser alignment module 24 tooth 6-1/2-in (165mm)
- Voltage: 120V
- carbide-tipped blade
- Amps: 12A
- Micro-adjust depth control

Item No. 860070011004 PANELMAX TRANSVERSE/LONGITUDINAL VARIABLE SPEED SAW UNIT



#### 1.0 Kw. PanelMax Milling Unit

The PanelMax 1.0 Kw. variable speed milling unit is the workhorse of the system allowing the operator to mill up to  $90^{\circ}$  grooves quickly and easily in many materials including MDF, wood and gypsum. Precise laser alignment, state-of-the-art base design and exceptional dust collection make for clean efficient and accurate production.

#### FOR USE WITH BITS UP TO 90° ONLY FOR USE WITH 5/16-IN (8MM) COLLETS ONLY

- Variable speed control – Motor: 1.0kW.
- Laser alignment module - Power: 1,050W
- Mills up to 90° diameter bits - Voltage: 110V
- Two-stage locking collet - Amps: 10A

**Transverse Radius Saw Unit** 

- Dust collection plate
- Includes 5/16-in (8mm) collet

#### Item No. 860070011001

VARIABLE SPEED 1.0 KW. MILLING UNIT FOR PANELMAX ST48 AND FT30

#### 1.8 Kw. PanelMax Milling Unit



The PanelMax 1.8 Kw. milling unit is designed for the heavy production environment where larger diameter bits are used and continuous milling is required. The 1.8 Kw. variable speed milling unit includes a two-stage locking collet and dust collection plate, ideal for milling OSB, drywall and other materials. A built in laser makes for quick, accurate alignment and precise milling.

- Variable speed control
- Motor: 1.8kW.
- Laser alignment module
- Power: 1,800W
- Micro-adjust depth adjustment (allows for exceptional accuracy and control)
- Voltage: 120V - Amps: 15A
- Two-stage locking collet
- Dust collection plate
- Includes 5/16-in (8mm) and 1/2-in (12.7mm) collets

#### Item No. 860070011003

VARIABLE SPEED 1.8 KW. MILLING UNIT FOR PANELMAX ST48 AND FT30



The PanelMax 4-blade saw unit pivots on X and Y coordinates and makes short work of creating radius corners with drywall. Make one pass for a tight radius and multiple cuts for larger radius corners. Create radius corners, columns or serpentine assemblies.

#### FOR USE WITH PANELMAX ST48 AND FT30 ONLY

- Motor: 1.5kW. Variable speed control
- Power: 1,530W Micro adjustment
- Voltage: 120V 4, 5-in (125mm) 24 tooth blades Amps: 12A
- Carbide tipped Laser guide

#### Item No. 860070011005

TRANSVERSE RADIUS 4 BLADE SAW UNIT



#### **CM10 MILLING AND SAWING UNITS**

#### PanelMax CM10 Milling Unit

The PanelMax CM10 variable speed milling unit is the workhorse of the system allowing the operator to mill up to 90° grooves quickly and easily in many materials including MDF, wood and avosum. Precise laser alianment, state-of-the-art base design and exceptional dust collection make for efficient and accurate production.



- Variable speed control
- Motor: 1.0kW.
- Mills up to 90 degree diameter bits
- Power: 1,050W
- Two-stage locking
- Voltage: 110V - Amps: 10A
- collet assembly
- Laser alignment module included
- 90 degree bit included (5/16-in or 8mm collet only)
  - Item No. 860420012001 VARIABLE SPEED 1.0 KW. MILLING UNIT FOR PANELMAX CM10

#### PanelMax CM10 Saw Unit

The PanelMax CM10 saw unit makes quick work of ripping or cross cutting many different materials. Laser alignment a carbide-tipped blade and exceptional dust collection make for clean efficient and accurate production.

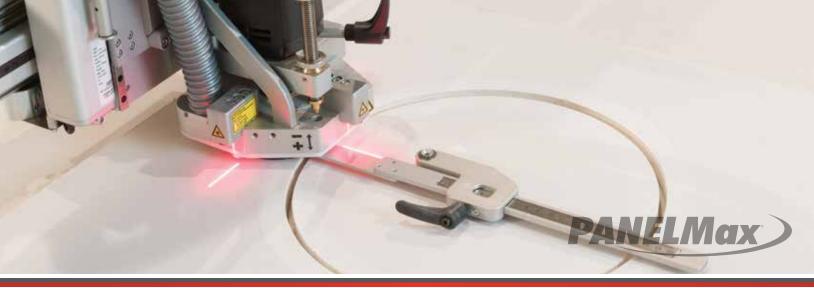
#### FOR USE WITH PANELMAX CM10 ONLY

- Variable speed control
- Motor: 1.5kW.
- 7-in (180mm) diameter 24-tooth carbide blade included
  - Power: 1,530W - Voltage: 120V
- Laser alignment module
  - Amps: 12A
- Aluminum and stainless steel
- construction Light-weight and durable

Item No. 860420042002

VARIABLE SPEED SINGLE BLADE SAW UNIT FOR PANELMAX CM1





#### RADIUS MILLING SYSTEM

#### **Transverse Radius Saw Unit**

The PanelMax 4-blade saw unit pivots on X and Y coordinates and makes short work of creating radius corners with drywall. Make one pass for a tight radius and multiple cuts for larger radius corners. Create radius corners, columns or serpentine assemblies.

#### FOR USE WITH PANELMAX ST48 AND FT30 ONLY

- Variable speed
- Motor: 1.5kW.
- Micro adjustment
- Power: 1,530W
- 4, 24-tooth carbide tipped blades • 5-in (125mm) blades (installed)
- Voltage: 120V
- Amps: 12A
- Laser guide

#### Item No. 860070011005

TRANSVERSE RADIUS 4-BLADE SAW UNIT



#### **CM10 RADIUS MILLING SYSTEM**

#### PanelMax CM10 multi-blade kit

4-Blade saw kit for milling radius corners in drywall up to 5/8-in. The 4-blade unit creates evenly space cuts allowing drywall to be easily formed to any radius corner. Saw blade kit only, does not include sawing unit.



#### FOR USE WITH PANELMAX CM10 ONLY

- 4-blade saw kit, includes bolt
- 7-3/32-in (180mm) diameter blades
- 30 tooth blades
- Carbide tipped

Item No. 860430001003 4 BLADE RADIUS CORNER SAW KIT

#### **Circle Cutting Guide**

Use the PanelMax circle cutting guide to easily mill circles from 7-7/8-in (200mm) up to 23-5/8-in (1200mm) in diameter.



Item No. 860050000024 CIRCLE MILLING GUIDE FOR ST48, FT30 FOR USE WITH STANDARD

1000-WATT MILLING UNIT ONLY

#### **Radius Reinforcing Paper**

Use PanelMax high-strength reinforcing paper to back radius assemblies. Activate adhesive with water, no additional adhesive required.

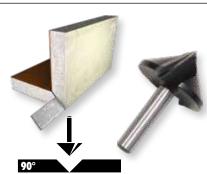
- 150-ft roll
- 39-in wide
- Water-activated adhesive



#### Item No. 04917001

HIGH-STRENGTH WATER ACTIVATED ADHESIVE BACKED FABRIC REINFORCING PAPER FOR PANELMAX RADIUS-ASSEMBLIES

#### **Metal Corner System**



#### 90° High-Performance Spline Milling Bit

Use the 90° high-performance milling bit to fabricate 90° corners that will accept the PanelMax galvanized corner reinforcing spline. For use in drywall up to 5/8-in.reinforced corners in up to 5/8-in drywall.

- 5/16-in (8mm) shank
- 90.° high-performance flat tip carbide milling bit
- For use with 5/8-in drywall

#### Item No. 01146167

FLAT-TIPPED 90° HIGH-PERFORMANCE CARBIDE BIT FOR MILLING REINFORCED CORNERS IN UP TO 5/8-IN DRYWALL

#### **Galvanized Steel Corner Spline**

Use PanelMax galvanized steel splines to reinforce impact vulnerable corners. Use the PanelMax spline bit, item 01146167, to mill corners that will accept the reinforcing spline.

- Galvanized steel corner reinforcing spline
- Creates impact resistant corners
- Width: 1/2-in (12.7mm)
- Thickness: 1/16-in
- (1.5mm) – Length: 10-ft
- **Coating: Galvanized**



Item No. PMSPLINE1210G

1/2-IN X 1/16-IN (12.7MM X 1.5MM) GALVANIZED STEEL CORNER SPLINE FOR DRYWALL CORNER REINFORCEMENT



#### **VACUUMS & GLUE SYSTEM**



#### **High-Output Self-Cleaning HEPA Vacuum**

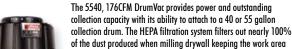
The 1050 model offers power and durability with its 20 ga. steel tank for collection and strong 176 CFM airflow. The HEPA filtration system filters out nearly 100% of the dust produced when milling drywall keeping the work area dust-free. Like all PanelMax vacuums the 1050 uses patented technology to clean the filter while you work so you never have to stop work to unclog a filter.

#### FOR USE WITH PANELMAX ST48 AND FT30

- Automatic pulse-clean technology
- Free lifetime service & support\*
- 16 gauge steel tank
- Cyclonic debris management
- Non-marking 5 caster dolly
- 3 x 5 Point HEPA filters individually tested
- Designed & built in the USA
   HEPA filtration \*available on 2018 models only
- CFM: 176
- Lift: 87"
- Filtration: HEPA 99.97% @ .3 Microns
- Inlet & Hose: 2-in locking, 25-ft crush proof hose
- Collection: 20-gal steel tank
- Voltage: 110V
- Current: 12.5 Amps
- Weight: 87-lbs

#### Item No. PM1050

20 GALLON HIGH OUTPUT SELF-CLEANING CANISTER VACUUM UNIT. INCLUDES AUTO ON/OFF FEATURE, 16 GALLON CANISTER, 25-FT HOSE AND CASTERS



of the dust produced when milling drywall keeping the work area dust-free. Like all PanelMax vacuums the 5540 DrumVac uses patented technology to clean the filter while you work so you never have to stop work unclog a filter.

High-Output Self-Cleaning HEPA Drum Vacuum Assembly

## FOR USE WITH PANELMAX ST48 AND FT30 - COLLECTION DRUM NOT INCLUDED

- Automatic pulse-clean technology
- Free lifetime service & support\*
- Cyclonic debris management
  Non-marking 5-caster dolly
- 3 x 5 point HEPA filters individually tested
- Designed & built in the USA
- HEPA filtration \*available on 2018 models only
- CFM: 176

PANEL

- Lift: 87-in
- Filtration: HEPA 99.97% @ .3 microns
- Inlet & Hose: 2-in locking, 25-ft crush proof hose
- Collection: 40 or 55 gallon drum
- Voltage: 110V
- Current: 12.5 Amps
- Weight: 30-lbs (Head only)

#### Item No. PM5540

40-55 GALLON HIGH OUTPUT SELF-CLEANING DRUM VACUUM ASSEMBLY INCLUDES AUTO ON/OFF FEATURE, 25-FT HOSE



PANELMOX

#### CM10 VACUUMS & GLUE SYSTEM

#### **Self-Cleaning HEPA Canister Vacuum**

500 Series offers great performance and compact portability. The HEPA filtration system filters out nearly 100% of the dust produced when milling drywall keeping the work area dust-free. Like all PanelMax vacuums the 550HA uses patented technology to clean the filter while you work so you never have to stop work to unclog a filter.

#### FOR USE WITH PANELMAX CM10

- Automatic pulse-clean technology
- Free lifetime service & support\*
- Dual-stage certified HEPA filtration
- Auto-tool start
- 2 x 5 point HEPA filters individually tested
- Designed & built in the USA
- HEPA filtration \*available on 2018 models only
- ogy CFM: 150 t\* – Lift: 87-in
  - Filtration: HEPA 99.97% @ .3 microns
  - Inlet & Hose: 1.5-in locking, 15-ft crush proof hose
  - Collection: 8-gal. steel tank
  - Voltage: 110V
  - Current: 12.5 Amps
  - Weight: 30-lbs

#### Item No. 103550HA

8-GALLON SELF-CLEANING CANISTER VACUUM UNIT.
INCLUDES AUTO ON/OFF FEATURE, 8-GALLON CANISTER, 15-FT HOSE AND CASTER

#### **Replacement Filter Set**

HEPA replacement filters for use with the 103550HA canister vacuum unit for the PanelMax CM10 system.

FOR USE WITH THE 550HA PULSE-BAC VACUUM ONLY

- HEPA filters
- Keep a safe dust-free work environment



#### Item No. 103625

REPLACEMENT FILTER SET OF 2 HEPA FILTERS FOR USE WITH THE 550HA PULSE-BAC VACUUM UNIT.



#### **VACUUMS & GLUE SYSTEM** (Continued)



ROLAIR

#### **Replacement Filter Set**

HEPA replacement filters for use with the PM10550 and PM5540 canister vacuum units for PanelMax ST48 and FT30.

FOR USE WITH THE 1050 AND 5540 PULSE-BAC VACUUMS ONLY

- HEPA filters
- Keep a safe dust-free work environment

#### Item No. 103621

REPLACEMENT FILTER SET OF 3 HEPA FILTERS FOR USE WITH THE PM1050 AND PM5540 PULSE-BAC VACUUMS



#### Fiba-Fuse Fiberglass Tape

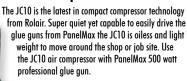
Use Fiba-Fuse fiberglass tape butt-joints. Fiba-Fuse tape provides a 40% stronger joint than paper tape.

- Creates a stronger butt joint
- Use in place of standard joint tape
- 2-1/16-in wide
- 250-ft roll

#### Item No. FDW8599U

FIBA-FUSE FIBERGLASS TAPE FOR BUTT-JOINTS, 250 FT. P/R. 40% STRONGER THAN PAPER TAPE

#### **Rolair Air Compressor**



- Quiet operation only 60 dB
- 8-amp motor, 1hp motor
- Light-weight, only 39-lbs
- Low-maintenance oiless operation
- 60-db operation
- 1-hp 2 cylinder motor
- 5.3 cubic feet displacement
- 2.5 cubic feet tank capacity
- 90PSI, total weight 39-lbs
- Dimensions: L:17 x W:16 x H:15@90PSI, total weight 39-lbs dimensions: L:17 x W:16 x H:15

#### Item No. JC10

ROLAIR JC10 2.5-GAL OILESS AIR COMPRESSOR



#### **Primerless Fabrication Glue**

Now you can assemble your prefabricated panels in one step with an easy-to-use glue bottle and applicator tip. PanelMax primer-less fabrication glue is a proprietary formula specifically designed to bond with exposed gypsum without the need for primer and at the same time significantly increasing joint strength.

Save time and money by eliminating expensive primer and waiting for it to dry before completing the assembly. PanelMax primer-less fabrication glue provides the strength you need when you need it.

- No primer needed
- Fast curing time 80% dry in 10-15 minutes at 68°F (20°C) (actual drying time depends on temperature and humidity)
- 3-5 times stronger than hot glue alone
- Specially formulated for gypsum fabrication
- One Bottle finishes 300 linear feet
- Can be used in combination with PanelMax hot glue
- 3-5 times stronger than hot glue alone
- Specially formulated for gypsum fabrication
- Finishes approx. 300 linear feet
- 17-oz bottle

#### Item No. WESK0000007

17-OZ PANELMAX PRIMERLESS FABRICATION GLUE. COVERS 300 LINEAR FEET

#### **Drywall Corner Primer**



PanelMax primer is an essential component in fabricating a strong and durable corner. PanelMax primer penetrates into the gypsum creating a strong dust-free bonding surface for hot melt adhesive.

PanelMax primer is VOC free and easily clean up using tap water.

- Penetrates and conditions exposed
- Special formula designed specifically for use in PanelMax fabrication
- Dries clear
- Low odor acrylic latex
- VOC free
- gypsum edges in preparation for adhesive. Included in PanelMax
  - submittal documentation
     Cleans up with tap water
  - 2.6-gal (9,46 L)
  - Covers approx 3,000 linear feet (\$0.04 per linear ft. coverage)

Item No. PMECOPRIMER26

PANELMAX LOW VOC PRIMER



#### **GLUE SYSTEM** (Continued)



#### **500-Watt Glue Gun**

Use the PanelMax production-grade PM500W hot melt glue gun to create strong drywall joints in seconds. The PM500W is a professional productiongrade electric/pneumatic hot melt gun that delivers hot melt glue all day in a production environment.

- Clamshell design makes servicing easy
- 20-ft heavy duty extension cord and
- Pneumatic/electric design delivers hot melt glue on demand in a production
- 500-watt glue gun with 20-ft extension and air hose

#### Item No. PM500W

500 WATT PLUG STYLE HOT MELT GLUE GUN



#### **Hot Melt Adhesive**

PanelMax premium plug-style hot melt is designed to create a strong bonding joint in gypsum within 10 seconds. PanelMax hot melt adhesive works with standard gypsum and the new light-weight products.

Prepare gluing surface with PanelMax primer prior to applying adhesive.

- Sets up in 10 seconds
- Helps prevent edge failures
- Creates a reliable, strong assembly when combined with the PanelMax primer
- 25-lb box covers 3,500 linear feet
- 25-lb box
- Plug design
- Covers approx. 3,500 linear feet

#### Item No. PMHG25

PANELMAX PREMIUM PLUG-STYLE HOT MELT ADHESIVE



#### **Hot Melt Glue Gun Stand**

Use the hot melt alue stand to keep the work area clean and the glue gun up off the work surface.

For use with PanelMax PM500W watt hot melt glue gun.

- Rugged metal frame design
- Weighted base

#### Item No. PA3096SPARES

PANELMAX HOT MELT GLUE GUN STAND



PM500 REPLACEMNT TIP ONLY

Item No. ANZ016 REPLACEMENT GLUE GUN TIP



### **CM10 GLUE SYSTEM**



#### 600-Watt Hot Melt Glue gun

The Tmaxx600 is the latest hot-melt delivery system available for on-site or shop use that only requires electric, no compressor required.

- 600-watt melt capability
- 20-ft cord
- Stick style glue designed to bond gypsum
- No compressor required
- 20-ft cord
- Stick style glue gun
- 600 watt

#### Item No. TMAX600

600 WATT STICK STYLE HOT MELT GLUE GUN



#### **Hot Melt Adhesive Sticks**

Use PanelMax premium hot melt adhesive to bond drywall corners. Use with PanelMax 600 watt hot melt glue gun. Prepare gluing surface with PanelMax primer prior to

applying adhesive.

- Premium adhesive
- 25-lb box covers 3,500 linear feet
- 25-lb box
- 15-in glue sticks
- Covers approx. 3,500 linear feet

#### Item No. PMHG2515

15-IN HOT MELT ADHESIVE STICKS FOR USE WITH PANELMAX CM10 600-WATT HOT MELT GLUE GUN



#### **GLUE SYSTEM** (Continued)



#### **Weathermaster Adhesive**

Use Weathermaster adhesive to bond drywall corners and seal joints. Use PanelMax primer to seal the gypsum prior to using the adhesive. Weathermaster comes in cases of 12 tubes.

- Professional-grade drywall adhesive
- Super strong
- Remains flexible after set-up allowing for easier assembly installation
- 10-oz tubes
- 12 to a case

#### Item No. F61001

10-OZ WEATHERMASTER DRYWALL CORNER ADHESIVE

#### **PowerStick Applicator Frame**



Item No. N250
PowerStick applicator frame

#### **Silicone Lubricant**

Use professional-grade silicone lubricant for maintenance of the PanelMax machines and to extend their operating life. Use only professional quality silicone spray to clear away debris and lubricate moving parts. Regular maintenance and lubrication is critical to maintaining service life.



- Clears away debris
- Lubricates moving parts
- Extends milling machine operating life
- Will not damage rubber, plastic or painted surfaces
- Does not attract durst or dirt
- Protects and renews rubber mountings
- 16-oz silicone gerosol lubricant

#### Item No. S00916000

16-oz professional-grade silicone aerosol lubricant

#### **ACCESSORIES**

#### **Duplicating Guide Arm**

Use the duplicating guide arm to trace the outside edge of a template to duplicate a shape and size. The guide arm stylus slides along the template duplicating its shape as the milling bit removes material.

Template material must be at least 1/4-in thick.

PANELMAX 1.0KW MILLING UNIT ONLY

Duplicating guide arm



#### Item No. 860070001034

PANELMAX DUPLICATING GUIDE ARM FOR 1.0KW MILLING UNIT

#### **Diagonal Cutting Guide**

The diagonal cutting guide installs along the straight edge of the material being cut. The saw unit slides along the guide creating a perfect diagonal cut.

- 5-15/16-in (150mm) diagonal cutting guide
- For use with PanelMax saw unit

PANELMAX FT30 OR ST48 ONLY

#### Item No. 860050050001

PANELMAX DIAGONAL CUTTING GUIDE



#### **Copying Plate**

The copying plate acts as a template guide when milling castle-cuts and special assemblies, the guide rides along any 1/4-in thick template making quick work of those odd shapes that can slow any job down.

#### PANELMAX 1.0KW MILLING UNIT ONLY

- Copying plate
- 1/4-in diameter opening
- For use with copier bit

#### Item No. 860070001149

PANELMAX COPYING PLATE ASSEMBLY FOR 1.0 KW MILLING UNIT

## PANELMax CMIC

#### CM10 ACCESSORIES

#### **10-ft Guide Extension**

Use the 10-ft guide extension to fabricate 4 x 10-ft drywall panels.

PANELMAX CM10 ONLY



#### **Cross Fence**

The cross fence helps to ensure the milling unit and base plate stay perfectly parallel on the sheet of material.

#### PANELMAX CM10 ONLY

- 2-piece ruler - 36-in length

> Item No. 860070001149 CROSS FENCE FOR PANELMAX CM10



#### **SAW BLADES**



#### 24-Tooth Carbide Saw Blade

Use 160mm 24-tooth carbide saw blade to dimension drywall and other materials. Fits both standard and 4-blade saw units.

#### PANELMAX FT30 OR ST48 ONLY

- 6-1/4-in (160mm) diameter blade
- 24-tooth
- Carbide tipped
- 25/32-in (20mm) arbor
- For use with drywall, plywood, MDF, OSB

Item No. WSSB00240165

160MM (6-1/4-IN) 24 TOOTH CARBIDE TIPPED SAW BLADE



#### **Segmented Diamond Wheel**

Use 125mm segmented diamond wheel to mill cement board.

#### MAGACON ONLY

- 5-in (125mm) diameter blade
- 10 segments
- Diamond infused
- 7/8-in (22.23mm) arbor
- For use with cement board

Item No. 05450140

125MM (5-IN) SEGMENTED DIAMOND WHEEL



#### 24-Tooth Carbide Saw Blade

Use 160mm 24-tooth carbide saw blade to dimension drywall and other materials. For use with MAGACON transverse and longitudinal saw.

#### **MAGACON ONLY**

- 6-1/4-in (160mm) diameter blade
- 24-tooth
- Carbide tipped
- 7/8-in (22.23mm) arbor
- For use with drywall

Item No. 011846166 160MM (6-1/4-IN) 24-TOOTH CARBIDE TIPPED SAW BLADE.



#### **8-Tooth Diamond Blade**

Use 160mm segmented diamond wheel to mill cement board.

#### PANELMAX FT30 OR ST48 ONLY

- 6-1/4-in (160mm) diamenter blade
- 8-segments
- Diamond infused
- 25/32-in (20mm) arbor
- For use with cement board

#### Item No. WSSB00080160

160MM (6-1/4-IN) 8 TOOTH SEGMENTED DIAMOND WHEEL



#### **CM10 SAW BLADE**



#### **24-Tooth Carbide Saw Blade**

Use 180mm 24-tooth carbide saw blade to dimension drywall and other materials. Not compatible with PanelMax ST48 or FT30.

#### PANELMAX CM10 ONLY

- 7-in (180mm) diameter blade
- 24-tooth
- Carbide tipped
- 25/32-in (20mm) arbor
- For use with drywall

### Item No. WSSB01300180

180MM (7-IN) 24 TOOTH CARBIDE TIPPED SAW BLADE



#### **Segmented Diamond Wheel**

Use 115mm segmented diamond wheel to mill cement board.

#### MAGACON ONLY

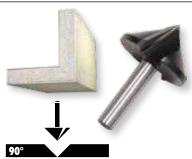
- 4-1/2-in (115mm) diamenter blade
- 11 segments
- Diamond infused
- 7/8-in (22.23mm) grbor
- For use with cement board

## Item No. 05450141

115MM (4-1/2-IN) SEGMENTED DIAMOND WHEEL



#### **V-GROOVE BITS**



#### 90° High-Performance Milling Bit

Use the 90° high-performance milling bit to fabricate 90° profiles. For use in drywall up to 5/8-in.

- 5/16-in (8mm) shank
- 90.2° high-performance carbide milling bit
- For use with 5/8-in drywall



#### 90° V-TECH Milling Bit

Use the 90° V-TECH winged milling bit to fabricate 90° profiles. Creates an extra channel for glue for a stronger joint. For use in drywall up to 5/8-in.

- 5/16-in (8mm) shank
- 90° carbide milling bit
- 115° angle wings
- For use with 5/8-in drywall

Item No. WSVG0000009

V-GROOVE 90°, HIGH-PERFORMANCE CARBIDE BIT FOR USE WITH UP TO 5/8-IN DRYWALL



V-TECH V-GROOVE 90°, 15MM (19/32-IN) 115° WINGED BIT FOR USE WITH UP TO 5/8-IN DRYWALL

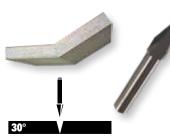
#### Use the 90° milling bit to fabricate 90° profiles. For use in material up to 1-in. SPECIAL ORDER ITEM

90° Milling Bit

- 5/16-in (8mm) shank - 90.2° carbide milling bit
- 63/64-in (25mm) full width
- For use with 1-in drywall

Item No. 01150163

V-GROOVE 60°, 15MM (19/32-IN) BIT FOR USE WITH UP TO 5/8-IN DRYWALL



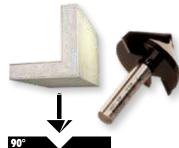
#### 30° Milling Bit

Use the 30° milling bit to fabricate 30° drywall profiles. For use in drywall up to 5/8-in.

- 5/16-in (8mm) shank
- 30° carbide milling bit
- 19/32-in (15mm) full width
- For use with 5/8-in drywall

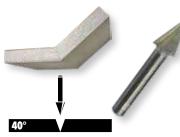
Item No. 01150162

V-GROOVE 30°, 15MM (19/32-IN) BIT FOR USE WITH UP TO 5/8-IN DRYWALL



#### Item No. 01150157

V-GROOVE 90°, 25MM (63/64-IN) BIT FOR USE WITH UP TO 1-IN MATERIAL



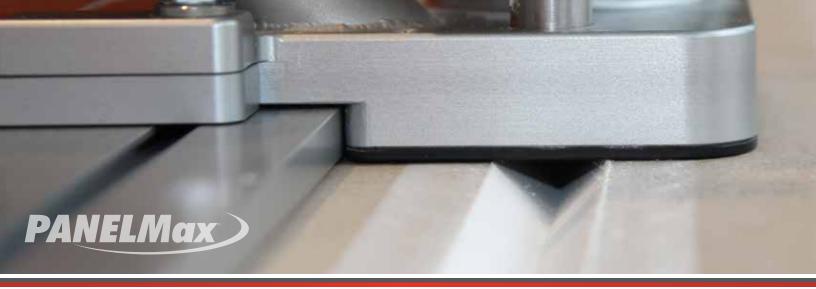
#### 40° Milling Bit

Use the 40° milling bit to fabricate 40° drywall profiles. For use in drywall up to 5/8-in.

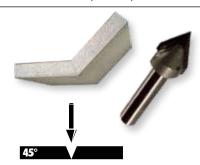
- 5/16-in (8mm) shank
- 40° carbide milling bit
- 19/32-in (15mm) full width
- For use with 5/8-in drywall

#### Item No. 08346173

V-GROOVE 40°, 15MM (19/32-IN) BIT FOR USE WITH UP TO 5/8-IN DRYWALL



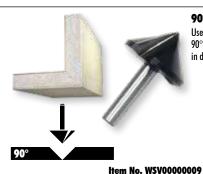
#### V-GROOVE BITS (Continued)



#### 45° Milling Bit

Use the 45° milling bit to fabricate 45° drywall profiles. For use in drywall up to 5/8-in.

- 5/16-in (8mm) shank
- 45° carbide milling bit
- 19/32-in (15mm) full width
- For use with 5/8-in drywall



V-GROOVE 90° BIT FOR USE WITH UP TO 5/8-IN DRYWALL

#### 90° Milling Bit

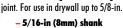
Use the 90° milling bit to fabricate 90° edge drywall profiles. For use in drywall up to 5/8-in.

- 5/16-in (8mm) shank
- 90° carbide milling bit
- For use with 5/8-in drywall

Item No. 08346171

V-GROOVE 45°, 15MM (19/32-IN) BIT FOR USE WITH UP TO 5/8-IN DRYWALL





- 45° carbide milling bit
- 90° angle wings
- For use with 5/8-in drywall



#### Item No. WPWE00000021

V-TECH V-GROOVE 45°, 15MM (19/32-IN) 90° WINGED BIT FOR USE WITH UP TO 5/8-IN DRYWALL

#### **BITS**



#### 8mm Milling Cutter

Use the 5/16-in (8mm) milling cuter bit to cut and recess vertical plane details.

## FOR USE IN WOOD ONLY, NO COUNTERSINK

- 5/16-in (8mm) straight shank bit
- Carbide end mill
  milling cutter
- For wood only
- No countersink

## Item No. 01146175 8MM STRAIGHT SHANK 4 FLUTES END MILL MILLING CUTTER



#### 13mm Copier Bit

Use the copier bit to mill drywall up to 33/64-in (13mm) in depth. Creates a sharp beveled edge recess for precise butt joint alignment and finishing, For use with 1/2-in drywall.

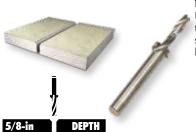
- 5/16-in (8mm) shank
- 6mm 2 flute carbide copier bit
- 33/64-in (13mm) cutting depth
- Countersink shoulder
- For 1/2-in drywall

#### Item No. 08346168

13MM (33/64-IN) MATERIAL DEPTH CAPACITY COUNTERSINK COPIER AND SLITTER CUTTER BIT. 6MM (15/64-IN) 2 FLUTE CARBIDE MILL



**BITS** (Continued)



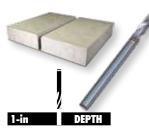
#### **16mm But Joint Bit**

Use the copier bit to mill drywall up to 5/8-in (16mm) in depth. Creates a sharp beveled edge recess for precise butt joint alignment and finishing.

- 5/16-in (8mm) shank
- 15/64-in (6mm) 2 flute carbide copier bit
- 16mm (5/16-in) cutting depth
- Countersink shoulder for 5/8-in drywall

#### Item No. WPCM0000002

16MM (5/8-IN) MATERIAL DEPTH CAPACITY COUNTERSINK COPIER AND SLITTER CUTTER BIT.
6MM (15/64-IN) 2 FLUTE CARBIDE MILL



#### **26mm Copier Bit**

Use the copier bit to mill drywall up to 1-in (26mm) in depth. Creates a sharp clean cut without a bevel.

- 15/64-in (6mm) shank
- 15/64-in (6mm) 2-flute straight shank carbide copier bit
- 1-in (26mm) cutting depth
- No countersink shoulder

#### Item No. 08320358

26MM (1-IN) MATERIAL DEPTH CAPACITY COPIER AND SLITTER CUTTER BIT.
6MM (15/64-IN) 2 FLUTE CARBIDE MILL



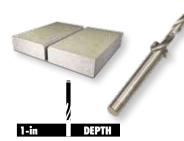
#### **20mm Fluting Bit**

Use the 25/32-in (20mm) roundnose fluting bit to mill decorative detail into drywall panels.

- \_ 5/16-in (8mm) shank
- 25/32-in (20mm) roundnose carbide fluting bit

#### Item No 01146176

20MM (25/32-IN) ROUND NOSE COREBOX FLUTING ROUTER BIT



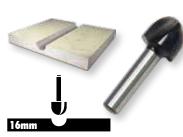
#### 26mm Copier Bit

Use the copier bit to mill drywall up to 1-in (26mm) in depth. Creates a sharp-beveled edge recess for precise butt joint alignment and finishing.

- 5/16-in (8mm) shank
- 15/64-in (6mm) 2 flute carbide copier bit
- 1-in (26mm) cutting depth
- Countersink shoulder

#### Item No. 08346170

26MM (1-IN) MATERIAL DEPTH CAPACITY COUNTERSINK COPIER AND SLITTER CUTTER BIT. 6MM (15/64-IN) 2 FLUTE CARBIDE MILL



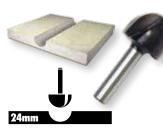
#### **16mm Fluting Bit**

Use the 5/8-in (16mm) roundnose fluting bit to mill decorative detail into drywall panels.

- 5/16-in (8mm) shank
- 5/8-in (16mm) roundnose carbide fluting bit

Item No. 01146178

16MM (5/8-IN) ROUND NOSE COREBOX FLUTING ROUTER BIT



#### **24mm Fluting Bit**

Use the 15/16-in (24mm) roundnose fluting bit to mill decorative detail into drywall panels.

- 5/16-in (8mm) shank
- 15/16-in (24mm) roundnose carbide fluting bit

Item No 01146173

24MM (15/16-IN) ROUND NOSE COREBOX FLUTING ROUTER BIT



#### **SPECIALTY BITS**



#### 130° Milling Bit

Use the 130° milling bit to fabricate knife edge drywall profiles.

FOR USE WITH 1,800 WATT MILLING UNIT ONLY, 1/2-IN SHANK

- 12.7mm (11/16-in) shank
- 130° degree carbide milling bit



#### 135° Milling Bit

Use the 135° milling bit to fabricate knife edge drywall profiles.

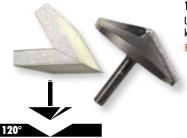
# FOR USE WITH 1,800 WATT MILL-ING UNIT ONLY, 1/2-IN SHANK

- 111/16-in (12.7mm)
- 135° degree carbide milling bit

#### Item No. 01150166

V-GROOVE 130° KNIFE EDGE BIT FOR USE WITH UP TO 5/8-IN DRYWALL

V-GROOVE 135° KNIFE EDGE BIT FOR USE WITH UP TO 5/8-IN DRYWALL



## 120° Milling Bit

Use the 120° milling bit to fabricate knife edge drywall profiles.

# FOR USE WITH 1,800 WATT, 1/2-IN SHAFT MOTOR ONLY.

- 11/16-in (12.7mm) shank 120° degree carbide
- milling bit

### Item No. WSVG00000012

V-GROOVE 120° KNIFE EDGE BIT FOR USE WITH 1/2-IN DRYWALL





#### **TABLES**

#### FT30 Panel Fabrication Table

PanelMax FT30 is a full-size portable machine that can be set up and operational in minutes. It's unique folding design allows it to be transported and moved around the job site or shop; designed to fit into the standard construction elevators. The unique design comes standard with casters on the center legs so it can be easily moved to its next location.

FT30 includes a standard 4 x 8-ft capacity folding table and traveler.

Table item number: 860010003001 Traveler item number: 860040021002

- Unfolds and sets up ready to work in minutes.
- Easy to transport around the job site.
- Requires minimal storage space.
- Fits easily into an elevator or panel truck.
- 4 x 12-ft capacity with optional table extension.
- Full panel fabrication capable
- Dust-free operation.
- 1 year 1,000 hour limited warranty.

- 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: appr. 330-lbs

- Power requirements: 110V and 50/60Hz Power consumption: 2.5 kW max.

**TABLE DIMENSIONS** 

#### **Folded**

- Width: 25.59-in
- Depth: 76.77-in
- Height: 76-in

#### Unfolded

- Length: 118.11-in
- Width: 76.77-in
- Height: 31.50-in



#### Item No. FT30 PANELMAX FT30 PORTABLE PANEL FABRICATION MACHINE

**PanelMax ST48 Panel Fabrication Table** PanelMax ST48 is designed to handle material up to 54-in x 12-ft with PanelMax ST48 is the industry leading shop fabrication machine capable of handling material up to 54-in x 12-ft with its table extension up to 14-ft. Tables can be connected together to process

even longer material.

ST48 includes a standard 4 x 12-ft capacity table and digital controlled traveler.

Table item number: 860010003004

Traveler item number: 860040021002

- Standard table handles material up to 54-in x 12-ft.
- Handles up to 14-ft material with optional 55-in table extension.
- ST48 tables can be linked together for longer material.
- Full panel fabrication capable
- Dust-free operation.
- 1 year 1,000 hour limited warranty

- Cutting length: up to 162.50-in

- Cutting width; 56-in
- Cutting depth: up to 2.44-in
- Milling depth: up to 2-in
- Board thickness: up to 3-in

Power consumption: 2.5 kW max.

#### **TABLE DIMENSIONS**

- Length: 169.50-in
- Width: 76-in
- Height: 31.50-in



Item No. ST48

PANELMAX ST48 STATIONARY PANEL FABRICATION MACHINE



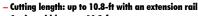
#### **PORTABLE UNITS**

#### PanelMax CM10 Portable Panel Fabrication Unit

PanelMax CM10 was designed specifically for on-site convenience, this compact and portable machine brings PanelMax precision to any job site.

CM10 includes a standard 10-ft capacity track, control unit and 1,000 watt milling unit.

- Standard 10-ft capacity
- Fast and easy set-up
- Portable-Case w/wheels standard
- Double laser alignment
- Milling & Sawing capability
- Dust-free operation.
- 1,000 watt milling unit comes standard with a 90 degree bit
- 1 year or 1,000hr warranty



- Cutting width: up to 10.8-ft
- Feed: max. 26.3-ft/min, (that can be controlled)
- Cutting depth (saw): up to 1.3-in (optional)
- Equipment options: Saw unit, track extensions
- Power requirements: 120V, 50 Hz
- Power consumption: max. 1.3 kW max.
- Weight: 100 Lbs.



**TABLE EXTENSION** 

Item No. 860010003003 GEN 3 TABLE EXTENSION KIT FOR PANELMAX ST48 OR FT30 FOLDING MACHINE

#### **Table Extension**

Add the table extension kit to either the PanelMax ST48 or FT30 to extend the standard table an additional 60-in to 17-ft.

#### NOT COMPATIBLE WITH OTHER **GEN TABLES**

- Sturdy steel construction
- 4 support legs
- Locks into ST48 or FT30 frame
- Width: 69-in
- Length: 60-in
- 4-leg construction





#### **KIT CONFIGURATIONS**

#### **CM10 Portable Panel Fabrication Kit**



- PanelMax CM10 with hard case
- Professional vacuum
- 500 watt glue gun with 19-foot extension
- Three boxes of hot glue (25-lbs box)
- Three cans of drywall primer
- 1000 watt milling unit with 90° bit



#### **PanelMax Folding FT30 Standard Configuration**



Item No. FT30PROKIT
PROFESSIONAL KIT — PANELMAX FT30 STANDARD CONFIGURATION

- PanelMax FT30 table
- 140 CFM vacuum with pulsbac technology (auto clean)
- 500-watt glue gun with 15-foot extension
- Two 1050 wall milling units
- Universal saw unit for diagonal and longitudinal cuts

#### **OPTIONAL TABLE EXTENSIONS**

4-ft x 8-ft 4-ft x 10-ft 4-ft x 12-ft







#### **KIT CONFIGURATIONS** (Continued)

#### **PanelMax Folding ST48 Standard Configuration**

- PanelMax ST48 table
- 140 CFM vacuum with pulsbac technology (auto clean)
- 500 watt glue gun with 15-foot extension
- Two 1050 wall milling units
- Universal saw unit for diagonal and longitudinal cuts

#### **OPTIONAL TABLE EXTENSIONS**

4-ft x 8-ft 4-ft x 10-ft 4-ft x 12-ft 4-ft x 14-ft







PROFESSIONAL KIT — PANELMAX ST48 STANDARD CONFIGURATION

#### **COMPLEX SHAPES IN DRYWALL ARE MADE EASY WITH PANELMAX**

#### WALL CONSTRUCTION

Save up to 20-70% compared to traditional finishing methods

- Flexible connection of noise insulation
- Wall connections
- Expansion joints
- Curves
- Round and segmental arches
- Timber installation
- Fanlight walls
- Sliding door linings
- Room corners (also in round form)
- Alcoves and recesses
- Wall openings & passages
- Lamellar cut-outs (e.g. lowered base)

## STENCIL CUT-OUTS

Save up to 45-60% compared to traditional finishing methods

- Canted columns plus basement
- Pilaster and fluting, lamellar cut-outs (up to 3 x 12.5 mm resp. 40 mm in total)







#### **COMPLEX SHAPES IN DRYWALL ARE MADE EASY WITH PANELMAX**

#### **DUCT LININGS**

Save up to 70-80% compared to traditional finishing methods

- Duct linings
- Ventilation duct rectangular or round
- Storage areas and shelves



#### **CEILING CONSTRUCTION**

Save up to 35-70% compared to traditional finishing methods

- Expansion joints
- Ceiling connection
- Perforated ceilings, cutting of perforated boards, ceiling blinds and grading
- Indirect lighting
- Canvas ceilings
- Light bars mock coverings
- Inspection flap



#### **COLUMNS AND LAMELLAR CUT-OUTS**

Save up to 55-70% compared to traditional finishing methods

- Canted columns plus basement
- Pilaster and fluting, lamellar cut-outs (up to 3 x 12.5mm resp. 40mm in total)



#### **90 DEGREE CORNERS**

Save up to 55 – 70% compared to traditional finishing methods

The PanelMax, routing table produces clean 90-degree and off angle corners that require no additional finishing. The PanelMax system also includes metal bead inserts if additional corner strength is needed.



#### PREFABRICATED PARTS

Save production cost by mass producing duplicate parts off site
Projects that require a lot of manual cutting or that have complex curves
have always been cumbersome and time-consuming for builders. With
PanelMax complex parts can be easily duplicated and shipped to the
construction site as needed. Parts can be shipped assembled or shipped
flat and assembled on site.



#### PANELMAX REVOLUTIONIZES THE WAY DRYWALL CAN BE USED

PanelMax revolutionizes the way drywall can be used — PanelMax machines a perfect corner, through gypsum, wood, plastic or even cement board. The precision-engineered grove allows you to fabricate the material into an assembly that will be rigid and precisely aligned. PanelMax milled corners, especially drywall, are clean and precise minimizing the need for additional edge finishing, saving time, labor and material costs. PanelMax is the perfect tool for architecturally demanding projects, or for large endeavors that require multiple, complex installations. This new advanced panel fabrication makes designs and innovations possible using drywall that may never have attempted considered before.

#### PanelMax advanced technology increases efficiency and production speed.

#### WHAT'S IN CORNER COST?

PanelMax Corner	8-ft Length
Glue	\$0.51
Primer	\$0.38
Fabrication; machining 45 sec, priming 45 sec, gluing 30 sec. Total 120 sec labor	\$1.93
PanelMax metal reinforced corner	8-ft Length
PanelMax metal reinforced corner  Glue	8-ft Length \$0.51
	, in the second
Glue	\$0.51
Glue Primer	\$0.51 \$0.38

TOTAL PANELMAX CORNER FABRICATION COST INCLUDING LABOR \$1.93 PER 8-FT PIECE \$0.23 PER FT. TOTAL PANELMAX METAL
REINFORCED CORNER FABRICATION
COST INCLUDING LABOR \$4.13 PER
8' PIECE
\$0.55 PER FT.

Labor calculated at an average \$25.00 per hour rate. Ready for paint, no joint compound or sanding needed.

Traditional Corner Bead	8-ft Length
Typical metal bead avg. \$0.15 per ft.	\$1.20
10-15 minutes to install, coat, second coat, finish coat and sand ready to paint. Fully burdened labor rate \$25 per hour, avg. \$.63 per Ft.	\$5.00
Avg. 1/2 gallon of joint compound per bead est. cost \$0.14 per Ft.	\$1.10

#### Other corner cost reductions:

- ▶ Waste and damage 10% 15%
- ▶ Staples, adhesives, specialized tools
- ► Call backs

AVG. METAL CORNER \$7.30 PER PIECE \$0.91 PER FT. AVG. PLASTIC CORNER \$8.10 PER PIECE \$1.01 PER FT.

Labor calculated at an average \$25.00 per hour rate, three coats of joint compound sanded, ready for paint.

#### **QUICK CHANGE FLEXIBILITY**

PanelMax quick-change router and saw heads make set-up and change out easy. Simply unlock the router, slide it out and replace it with another router with a different bit.

- Quick change attachment
- Laser guide



#### **MOBILITY**

PanelMax FT30 can be set up and operational in minutes. It's unique folding design allows PanelMax to be folded and transported from one floor to the next using standard construction elevators. FT30 also has casters on the center legs so it can be easily moved to its next job location.

- Unfolds and sets up ready to work in minutes
- Easy to transport around the job site
- · Requires minimal storage space



#### PANELMAX REVOLUTIONIZES THE WAY DRYWALL CAN BE USED

#### **MASS PRODUCTION**

The PanelMax saw unit is capable of performing lamellar cuts 62mm deep.
The saw unit can also easily be repositioned to perform horizontal or longitudinal and angle cuts. A multi-blade attachment allows the saw unit to precision kerf cut drywall for columns, arches and other radius applications.

- Patented saw module
- 62mm cutting depth
- Unique swivel feature for X and y axis adjustment
- Convenient laser guide
- Cuts on angle



#### **DUPLICATION**

With its duplication arm PanelMax can precisely match complex and repetitive shapes. Shapes like castle cuts that traditionally require quite a bit of labor can now be duplicated exactly with relatively little effort.

- Duplicates inside and outside contours
- Duplicates templates up to 1300mm W, 750mm L
- Precisely duplicates template
- Ideal for mass producing similar cuts such as castle cuts



#### PREFABRICATED DRYWALL ASSEMBLIES READY TO INSTALL

Prefabricated drywall assemblies ready to install — You don't have to own a machine to take advantage of the PanelMax technology. Now you can order pre-made and custom parts from approved PanelMax parts fabricators.

- Save time, install one piece one time
- Reduce costly trim and finishing
- Improve quality, perfect corners inside and out
- Perfect columns without the hassle and lead time



DESIGN FLEXIBILITY

Complicated drywall assemblies and details that were previously too costly to consider are now possible with PanelMax. In fact, PanelMax technology is a paradigm shift in the way drywall is used.



#### PREFABRICATED DRYWALL ASSEMBLIES READY TO INSTALL

#### **REDUCED FINISHING COSTS**

Decorative details that used to require a lot finishing time and materials can now be created with PanelMax requiring considerably less material and time. Details that were previously too costly to consider are not possible.



#### **PRECISION ASSEMBLIES**

With PanelMax precision assemblies can be custom built and shipped to your job site when it is needed. Assemblies can be shipped per-assembled or shipped flat and assembled on the job site.



#### **REDUCE INSTALLATION TIME**

Install 10-ft. sections of complex drywall detail in minutes with very little finishing.



#### **CREATE PERFECT CORNERS**

With PanelMax you can create perfect comers every time that requiring considerably less finishing time and materials.

Create perfect corners every time, no bead, no finishing, no hassles.



## PREFABRICATED DRYWALL ASSEMBLIES READY TO INSTALL







#### **GRABBER CONSTRUCTION PRODUCTS INC.**

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