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VERTICAL PANEL SAWS
Manual, Automatic, Alucobond®

“

MAKK Vertical Panel Saws are suitable for cutting Panels in many materials like Wood, Plexiglas, Forex®, Alucobond®, Polycarbonate, Plasterboard, Metacrylate, Insulated materials, etc...

They have been created for those who want a reliable product, but at the same time economical compared to other builders.

Ideal either for small carpentries or for great firms, and for BRICO shops (do-it-yourself).

We can also realize Vertical Panel Saws on your specific request, even for cut up to mt. 12 of length and with height even bigger than mm. 2400.

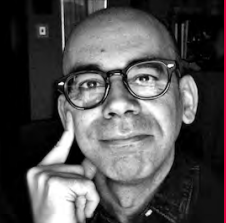
Among the different models you can find the simplest machine (DPM), and the most performing and completely Automatic one (DPM-AV).

We also have versions for cutting insulated panels up to mm. 80 of thickness, at the same price as the standard machine.

Our machines already have everything as standard equipment. For example, the DPME-D comes with the blade engraving group, the digital displays for cutting measures, and the kit to do the angled cuts.

In short, you just have to contact us, and we'll recommend you the most suitable model according to your work.

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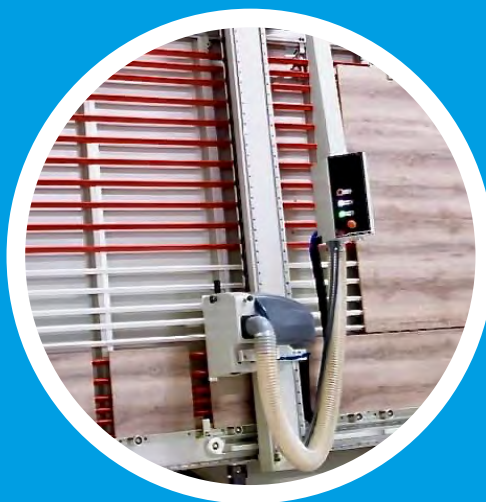


Manual VERTICAL PANEL SAWS



For cutting of panels up to mm. 12.000 in lenght and mm. 2400 in height. On all machines the scoring blade group as standard accessory, and for the DPME-D and DPME-D-300 models, the Digital Display for vertical and horizontal cuts and the Device for angled cuts also included as standard. Machines with the best value for money on the market. For horizontal and vertical cut of Wood, Plexiglas, PVC, Polycarbonate, Alucobond®, Forex® panels, etc...

Automatic VERTICAL PANEL SAWS



For cutting of panels up to mm. 12.000 in lenght and mm. 2400 in height. Machines with Automatic Cutting Program, Cutting Optimisation Software, Automatic positioning and Automatic lifting systems. Cutting Blade Group. Machines with the best value for money on the market. For the completely automatic cut of Wood, Plexiglas, PVC, Polycarbonate, MDF, Alucobond®, Forex® panels, etc...

V-Grooving VERTICAL PANEL SAWS



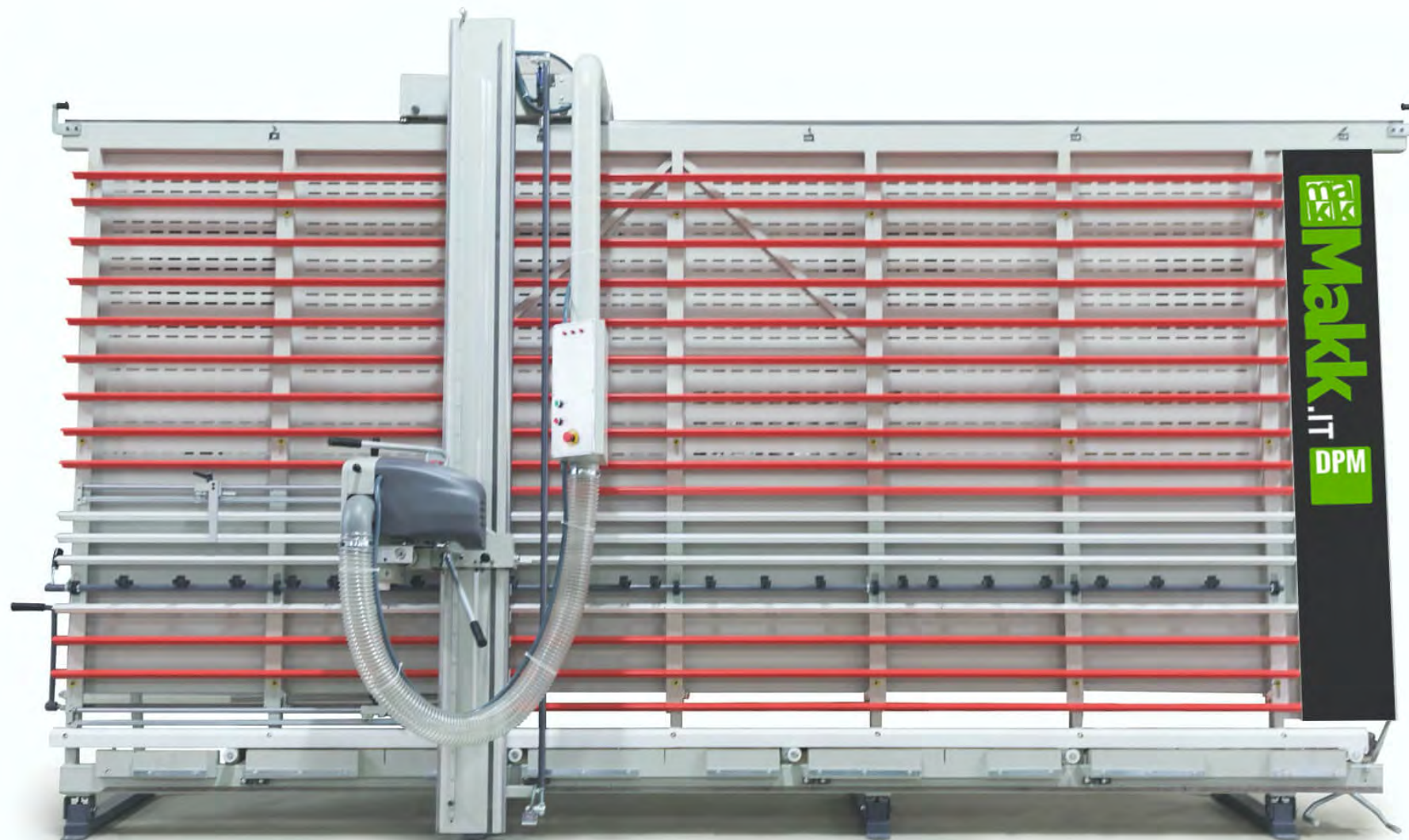
For cutting and "V" Grooving Milling of Composites panels up to mm. 12.000 in lenght (f.e.: Alucobond®, etc...). Machines with Manual or Automatic movement (CPM-AV). In all models it's included the patented system for the switch from cutting function to V milling in 1 second, through a special selector on the control board. Machines with the best value for money on the market. As standard on all models, the Kit for angled cuts and milling.



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The technical data in this catalogue may vary according to the composition chosen. For demonstration needs some photos reproduce complete machines with accessories. Without any notice, technical data can be modified. The modifications do not affect the safety required by EC standards.

DPM



VERTICAL PANEL SAW MAKK MOD. DPM

Cutting Panels mm. 4100x2200 (on request, up to 12000 mm. in length and 2400 mm. in height).

Maximum cutting thickness mm. 60.

Cutting group with circular blade (HM), diameter mm.250.

Scoring group with double circular blade included.

Manual movable table by hand lever.

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VERTICAL PANEL SAW MAKK Mod. DPM

Cutting panels mm. 4100x2200.

Scoring group included.

Manual movable table by hand lever.

Machine for cutting panels either in vertical or in horizontal, for every cutting need, with the best value for money on the market.

- Fully welded frame, with panel support table with PVC profile slats, manually movable to avoid contact with the circular blade in horizontal cuts.
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Scoring group with double circular blade HM (system can be excluded via lever).**
- Manual movable table.
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Tilting device for supporting small pieces to be cut.
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower wooden supports for panels.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM).
- Circular blade of the scoring group (HM).

TECHNICAL DATA:

- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Rotation speed of the scoring group's blade: 7800 r.p.m.
- Maximum vertical cutting height: 2200 mm
- Maximum horizontal cutting height: 2050 mm
- Cutting length: 4100 mm
- Maximum cutting thickness: 60 mm
- Circular blade: mm.250x30x3,2 Z-80 HM
- Scoring group with double circular blade diameter mm.80x2,8/3,6x20 Z-10x10 HM
- Overall dimensions (L x H x W): mm.5000 x 2980 x 1750
- Total weight: 600 Kg.



Manual movable table



Tilting device for supporting small pieces to be cut



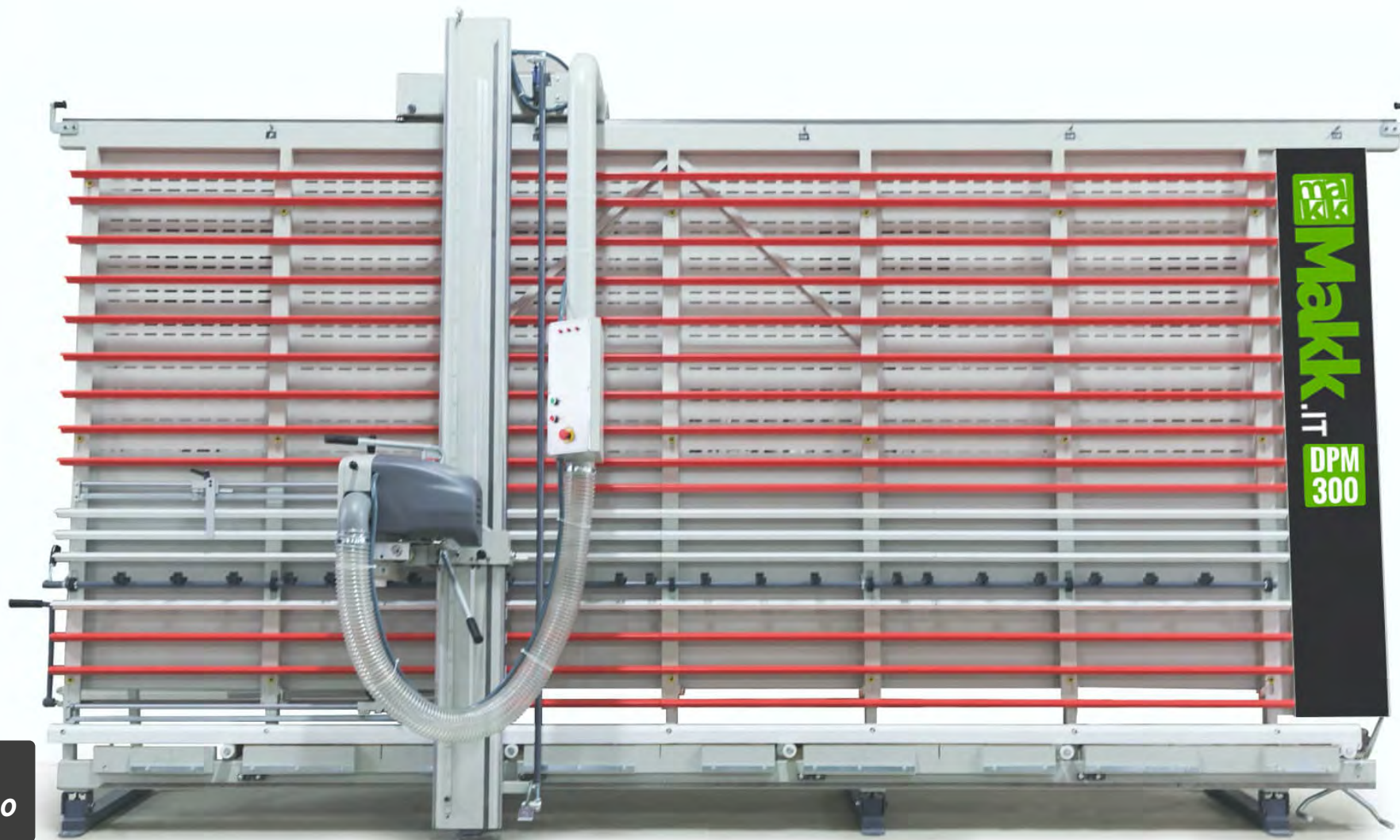
Stop for vertical cuts



Control panel



**DPM
300**



**Max Cutting
Thickness mm.100**

VERTICAL PANEL SAW MAKK MOD. DPM-300

Ideal for Cutting Insulated Panels, Roofing Panels, Wall Panels, etc...

Cutting Panels mm. 4100x2200 (on request up to 12000 mm. in length and 2400 mm. in height).

Maximum cutting thickness mm. 80 (optional mm.100).

Manual movable table by hand lever.

Circular blade diameter mm. 300 (HM).

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VERTICAL PANEL SAW MAKK Mod. DPM-300

Maximum cutting thickness mm. 80.

Cutting panels mm. 4100x2200.

Manual movable table by hand lever.

Ideal for Cutting Insulated Panels, Roofing Panels, Wall Panels.

Machine for cutting panels either in vertical or in horizontal, for every cutting need, with the best value for money on the market.

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Manual movable table.
- Tilting device for supporting small pieces to be cut.
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower wooden supports for panels.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM).

TECHNICAL DATA:

- Manual Movable Table
- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Maximum vertical cutting height: 2200 mm
- Maximum horizontal cutting height: 2050 mm
- Cutting length: 4100 mm
- **Max. cutting thickness: 80 mm (100 mm optional)**
- Circular blade: mm. 300x30x3,2 Z=80 HM
- Overall dimensions (L x H x W): mm.5000 x 2980 x 1750
- Total weight: 600 Kg



Manual movable table



Tilting device for supporting small pieces to be cut

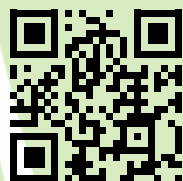


Stop for vertical cuts

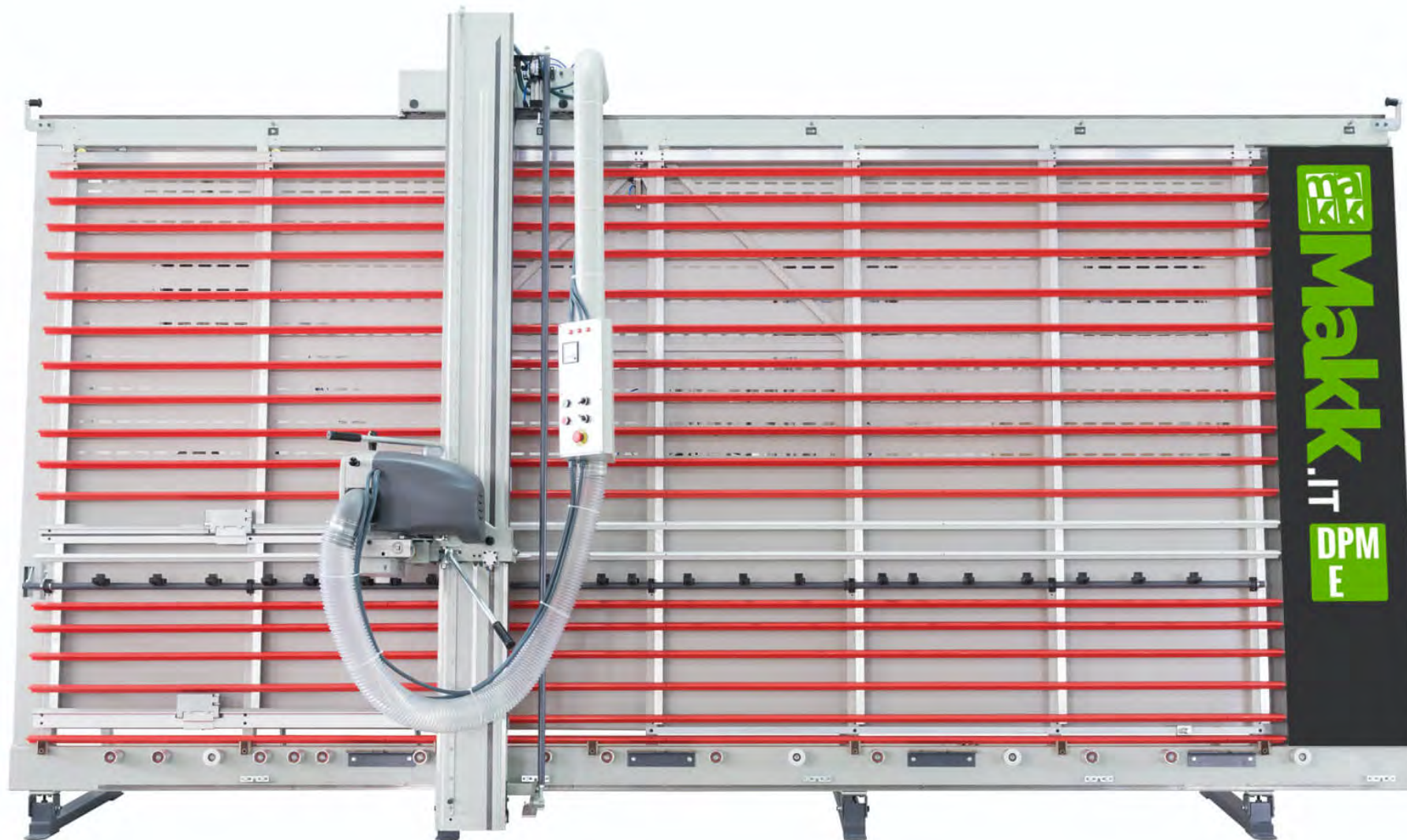


Control panel

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DPM
E



VERTICAL PANEL SAW MAKK MOD. DPME

Cutting Panels mm. 4100x2200 (on request up to 12000 mm. in length and 2400 mm. in height).

Maximum cutting thickness mm. 60.

Cutting group with circular blade (HM), diameter mm.250.

Scoring group with double circular blade included.

Automatic movable table. Angled cut device.

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VERTICAL PANEL SAW MAKK Mod. DPME

Cutting panels mm. 4100x2200.

Automatic movable table.

Scoring group, Angled cuts device.

Machine for cutting panels either in vertical or in horizontal, for every cutting need, with the best value for money on the market.

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Scoring group with double circular blade HM (system can be excluded via lever).**
- **Automatic movable table, with pneumatic operation.**
- Tilting device for supporting small pieces to be cut.
- **Device kit for angled cuts.**
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower supports with metal wheels for panel support.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM).
- Circular blade of the scoring group (HM).

TECHNICAL DATA:

- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Rotation speed of the scoring group's blade: 7800 r.p.m.
- Maximum vertical cutting height: 2200 mm
- Maximum horizontal cutting height: 2050 mm
- Maximum cutting length: 4100 mm
- Maximum cutting thickness: 60 mm
- Circular blade: mm. 250x30x3,2 Z=80 HM
- Scoring group with double circular blade diameter mm.80x2,8/3,6x20 Z=10+10 HM
- Overall dimensions (L x H x W): mm. 5000 x 2980 x 1750
- Total weight: 700 Kg.



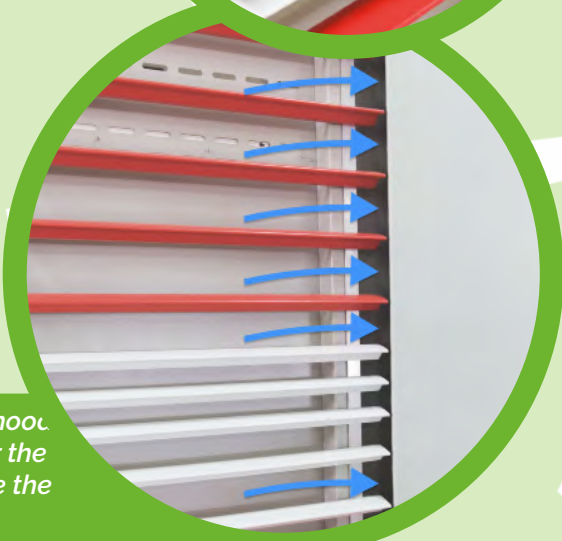
Lower supports with metal wheels for panel support



Tilting device for supporting small pieces to be cut



Stop for vertical cuts

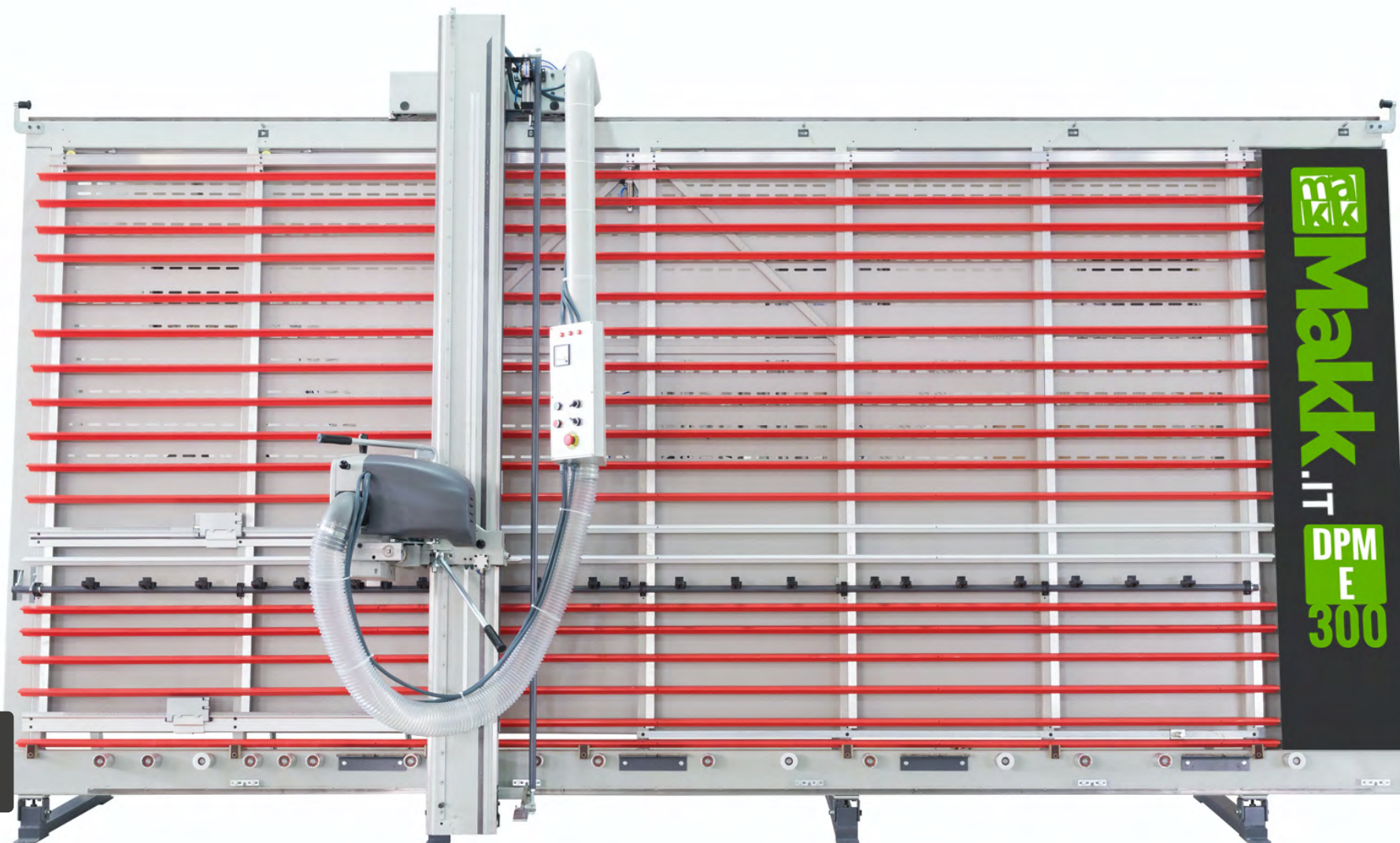


TRK Suction Device (optional), composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine

DPM
E
300



*Max Cutting
Thickness mm.100*



VERTICAL PANEL SAW MAKK MOD. DPME-300

Ideal for Cutting Insulated Panels, Roofing Panels, Wall Panels, etc...

Cutting Panels mm. 4100x2200 (on request up to 12000 mm. in length and 2400 mm. in height).

Maximum cutting thickness mm. 80 (optional mm.100).

Automatic movable table, with pneumatic operation.

Circular blade diameter mm. 300 (HM).

Angled cut device.

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VERTICAL PANEL SAW MAKK Mod. DPME-300

Maximum cutting thickness mm. 80.

Cutting panels mm. 4100x2200.

Automatic movable table.

Angled cut device.

Ideal for Cutting Insulated Panels, Roofing Panels, Wall Panels.

Machine for cutting panels either in vertical or in horizontal, for every cutting need, with the best value for money on the market.

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Automatic movable table, with pneumatic operation.**
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Tilting device for supporting small pieces to be cut.
- **Device kit for angled cuts.**
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower supports with metal wheels for panel support.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM).

TECHNICAL DATA:

- Engine power: 5,5 HP (4 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Maximum vertical cutting height: 2200 mm
- Maximum horizontal cutting height: 2050 mm
- Cutting length: 4100 mm
- **Max. cutting thickness: 80 mm (100 mm option)**
- Circular blade: mm.300x30x3,2 Z=80 HM
- Overall dimensions (L x H x W): mm.5000 x 2980 x 1750
- Total weight: 700 Kg.



Lower supports with metal wheels for panel support



Tilting device for supporting small pieces to be cut



Stop for vertical cuts

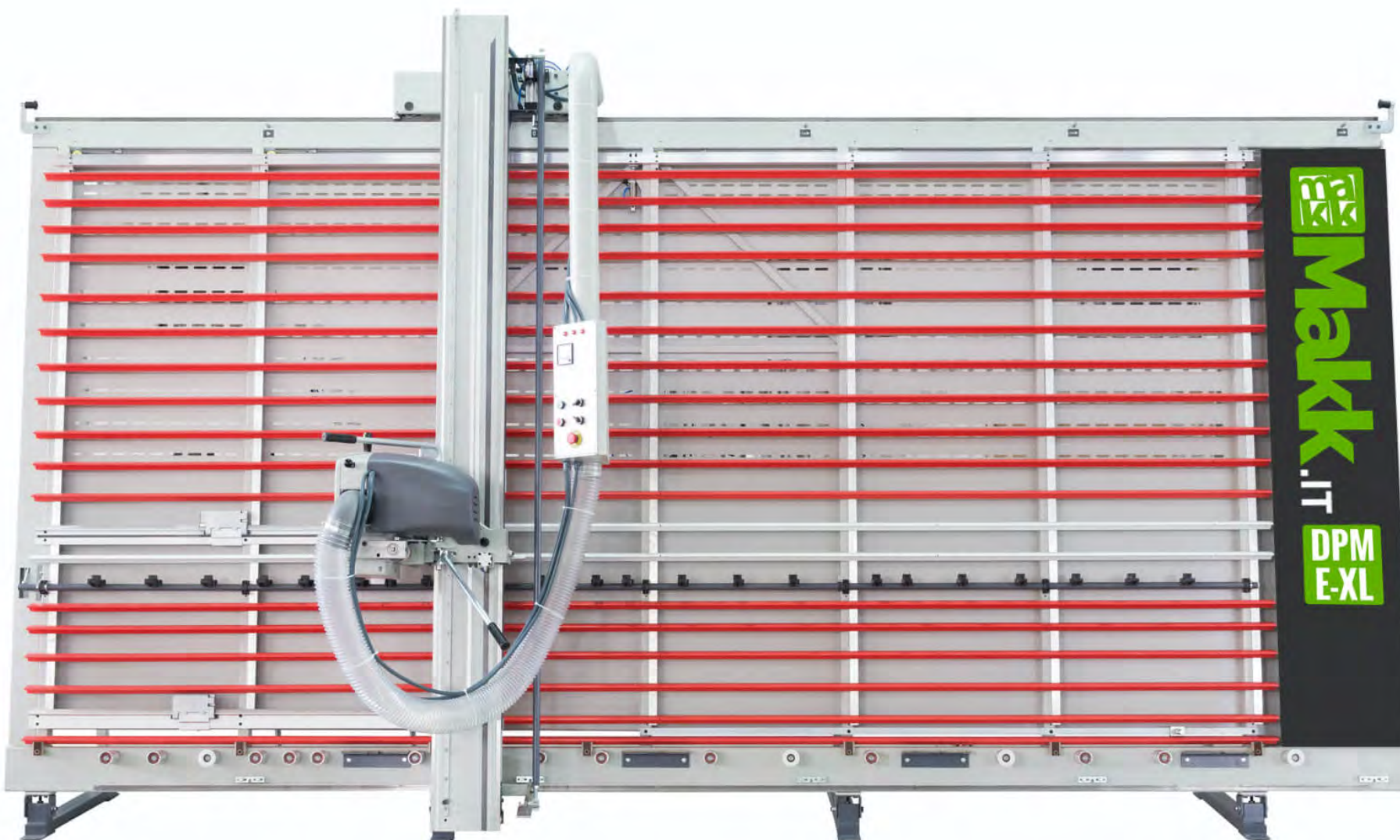


TRK Suction Device (optional), composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine

**DPM
E-XL**



**Max Cutting
Thickness mm.100
mm. 5100x2400**



VERTICAL PANEL SAW MAKK MOD. DPME-XL

Ideal for Cutting Insulated Panels, Roofing Panels, Wall Panels, etc...

Cutting Panels mm. 5100x2400 (on request up to 12000 mm. in length).

Maximum Cutting Thickness mm. 80 (mm. 100 optional).

Automatic movable table.

Circular blade diameter mm. 300 (HM).

Angled cut device.

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VERTICAL PANEL SAW MAKK Mod. DPME-XL

Maximum cutting thickness mm. 80 (opt. 100 mm.).

Cutting panels mm. 5100x2400.

Automatic movable table.

Angled cut device.

Ideal for Cutting Insulated Panels, Roofing Panels, Wall Panels.

Machine for cutting panels either in vertical or in horizontal, for every cutting need, with the best value for money on the market.

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts..
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Automatic movable table, with pneumatic operation.**
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Tilting device for supporting small pieces to be cut.
- **Device kit for angled cuts.**
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower supports with metal wheels for panel support.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM).

TECHNICAL DATA:

- Engine power: 5,5 HP (4 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m..
- **Maximum cutting height: 2400 mm**
- **Maximum cutting length: 5100 mm**
- **Max. cutting thickness: 80 mm (mm. 100 optional)**
- Circular blade: mm. 300x30x3,2 Z=80 HM
- Overall dimensions (L x H x W): mm. 6000 x 3500 x 1750
- Total weight: 800 Kg.



Lower supports with metal wheels for panel support



Tilting device for supporting small pieces to be cut

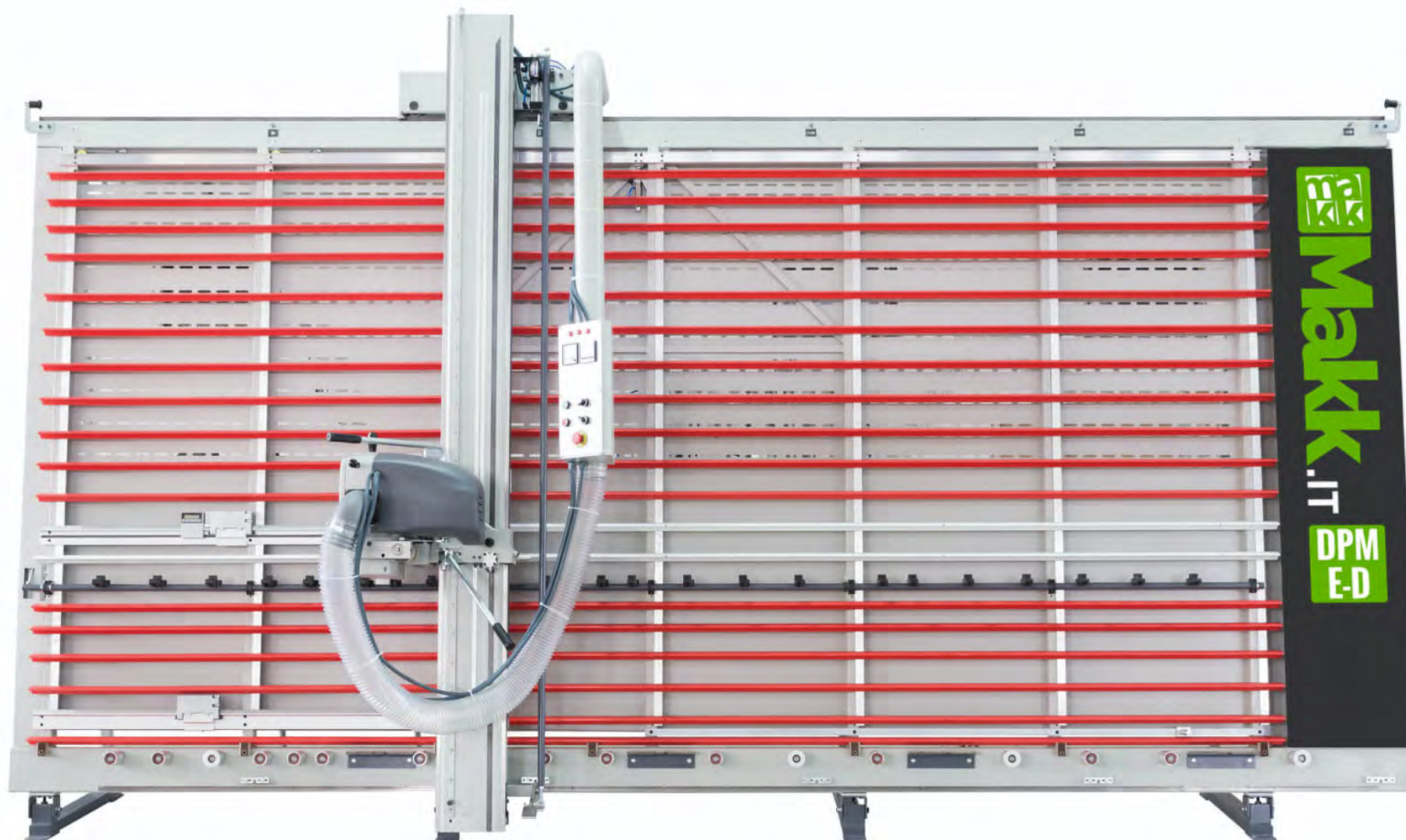


Stop for vertical cuts



TRK Suction Device (optional), composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine

DPM
E-D



VERTICAL PANEL SAW MAKK MOD. DPME-D

Cutting Panels mm.4100x2200 (on request up to 12000 mm. in length and 2400 mm. in height).

Maximum cutting thickness mm. 60.

Digital displays for vertical and horizontal cuts.

Cutting group with circular blade (HM), diameter mm.250.

Scoring group with double circular blade included.

Automatic movable table. Angled cut device.

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VERTICAL PANEL SAW MAKK Mod. DPME-D

Cutting panels mm. 4100x2200.

Scoring group. Digital displays for vertical and horizontal cuts.

Angled cut device. Automatic movable table.

Machine for cutting panels either in vertical or in horizontal, for every cutting need, with the best value for money on the market.

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- **Pneumatic locking on the mast and blade group for horizontal and vertical cuts, via selector on the control panel.**
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Digital displays for the perfect adjustment of cuts in vertical and horizontal.**
- **Scoring group with double circular blade HM (system can be excluded via lever).**
- **Automatic movable table, with pneumatic operation.**
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Tilting device for support of small pieces to be cut.
- **Device kit for angled cuts.**
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower panel supports with metal wheels.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM).
- Circular blade of the scoring group (HM).

TECHNICAL DATA:

- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Circular blade rotation speed: 5800 r.p.m.
- Rotation speed of the scoring group's blade: 7800 r.p.m.
- Max. cutting height: 2200 mm
- Max. cutting length: 4100 mm
- Max. cutting thickness: 60 mm
- Circular blade diameter mm. 250x30x3,2 Z=80 HM
- Scoring group with double circular blade diameter mm.80x2,8/3,6x20 Z=10+10 HM
- Overall dimensions (L x H x W): mm. 5000 x 2980 x 1750
- Total weight: 700 Kg.



Lower supports with metal wheels for panel support



Digital visualizer for the perfect adjustment of cuts in vertical and horizontal



Control panel with circular saw blade group

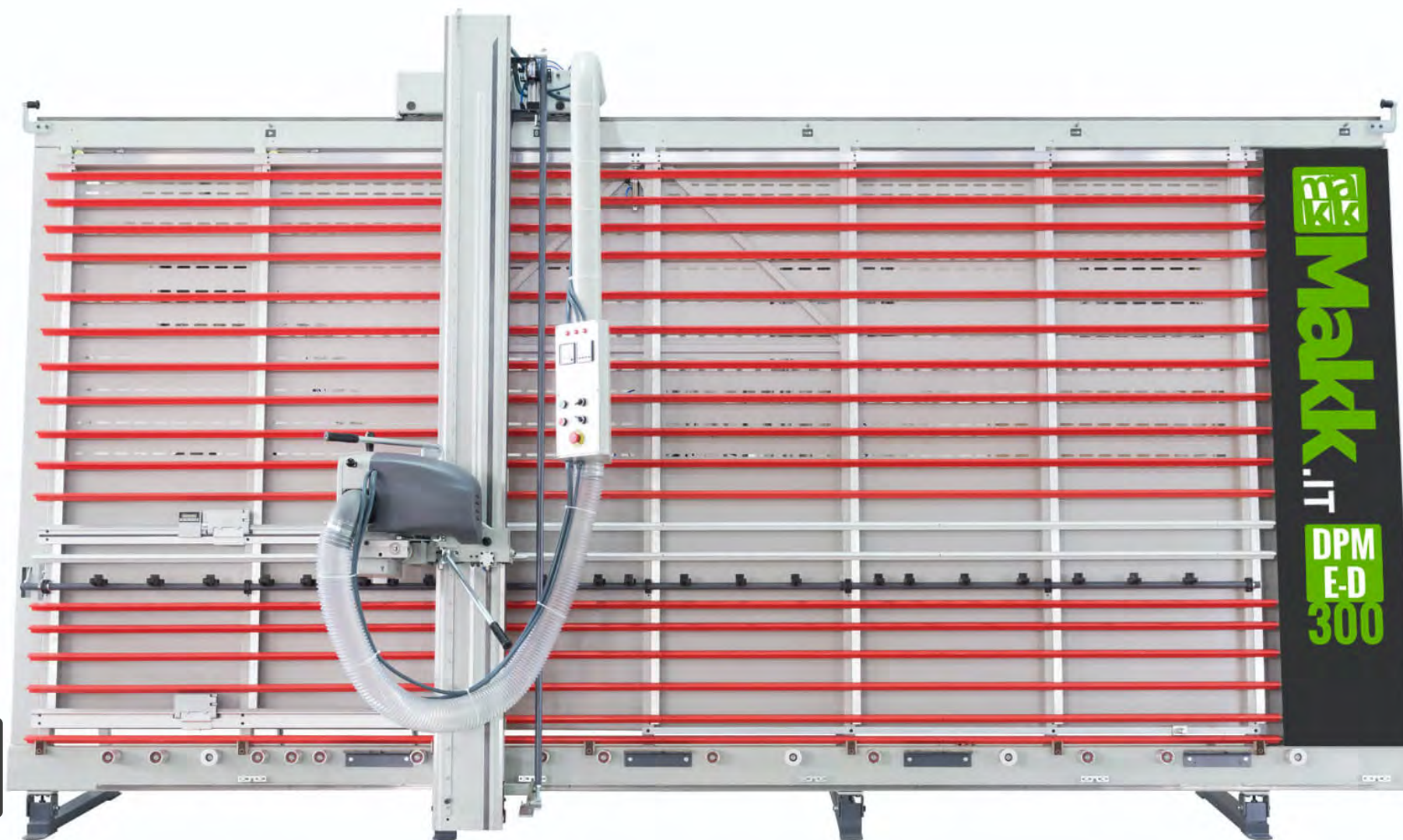


TRK Suction Device (optional), composed of hooa positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine

DPM
E-D
300



*Max Cutting
Thickness mm.100*



VERTICAL PANEL SAW MAKK MOD. DPME-D-300

Ideal for Cutting Insulated Panels, Roofing Panels, Wall Panels, etc...

Cutting Panels mm. 4100x2200 (on request up to 12000 mm. in length and 2400 mm. in height).

Maximum Cutting Thickness mm. 80 (optional mm.100).

Digital displays for vertical and horizontal cuts. Angular cut device.

Automatic movable table.

Circular blade diameter mm. 300 (HM).

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VERTICAL PANEL SAW MAKK Mod. DPME-D-300

Maximum cutting thickness mm. 80.

Cutting panels mm. 4100x2200.

Digital displays for vertical and horizontal cuts.

Angled cut device. Automatic movable table.

Ideal for Cutting Insulated Panels, Roofing Panels, Wall Panels.

Machine for cutting panels either in vertical or in horizontal, for every cutting need, with the best value for money on the market.

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts..
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Pneumatic locking on the mast and blade group for horizontal and vertical cuts, via selector on the control panel**
- **Digital displays for the perfect adjustment of cuts in vertical and horizontal.**
- **Automatic movable table, with pneumatic operation.**
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Tilting device for supporting small pieces to be cut.
- **Device kit for angled cuts.**
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower panel supports with metal wheels.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM).

TECHNICAL DATA:

- Engine power: 5,5 HP (4 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Max. cutting height: 2200 mm
- Max. cutting length: 4100 mm
- **Max. cutting thickness: 80 mm (100 mm option)**
- Dimension of the circular blade: mm. 300x30x3,2 Z=80 HM
- Overall dimensions (L x H x W): mm. 5000 x 2980 x 1750
- Total weight: 700 Kg.



Lower supports
with metal wheels
for panel support



Digital displays for the
perfect adjustment of cuts
in vertical and horizontal

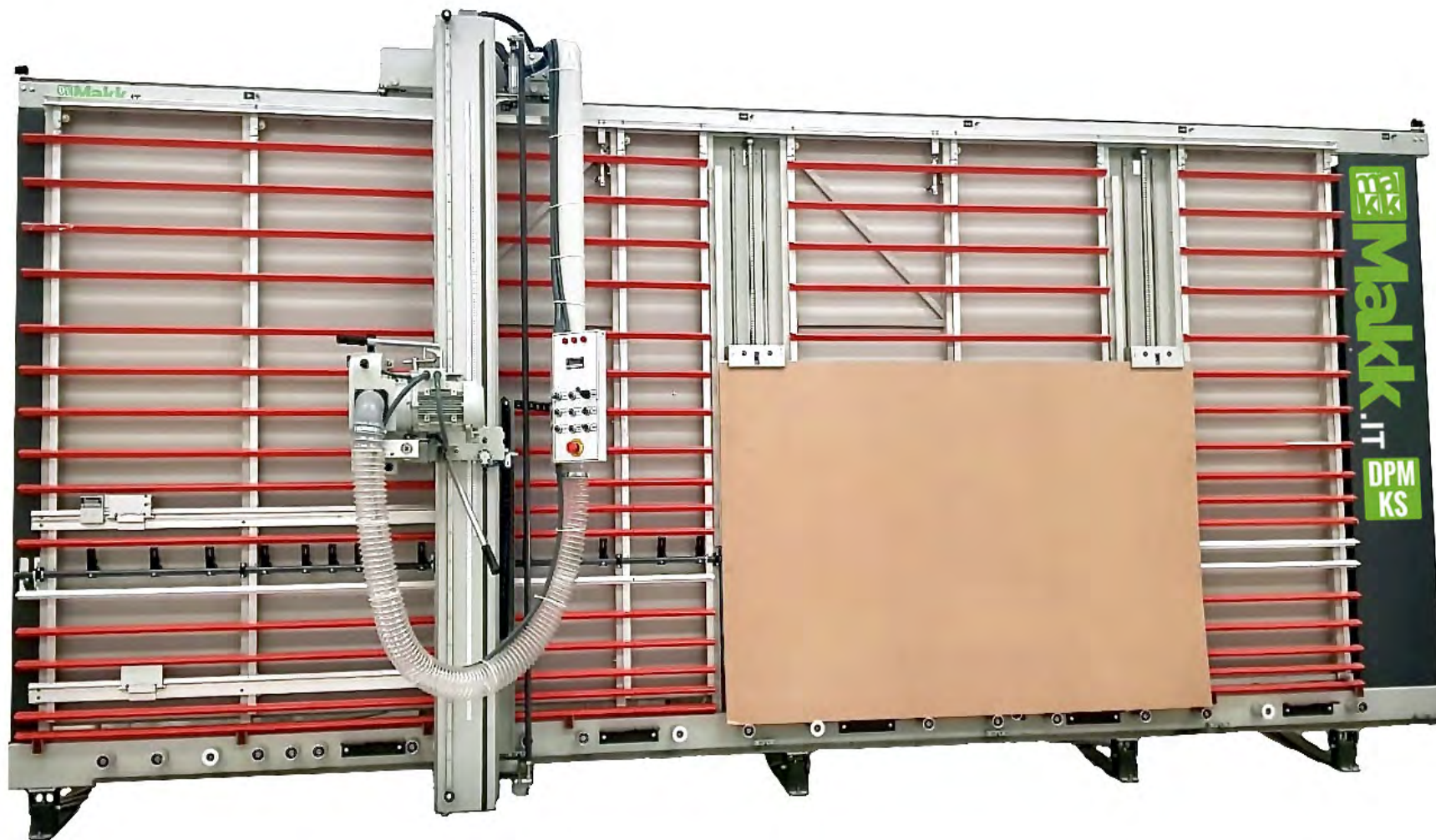


Control panel with
circular saw blade group



TRK Suction Device (optional), composed of
hood positioned on the right side of the machine
for the whole height, with rear intake vent, to opti-
mize the suction system of the machine

DPM
KS



VERTICAL PANEL SAW WITH PANEL LIFTING SYSTEM MAKK MOD. DPM-KS

Cutting Panels mm. 5000x2200 (on request up to 12000 mm. in length and 2400 mm. in height).

Clamping system for locking and moving panels.

Maximum Cutting Thickness mm. 60.

Digital Displays for vertical and horizontal cuts. As an optional, TRK Suction Device.

Automatic movable table, with pneumatic operation.

Circular blade diameter mm. 250 (HM). Scoring group with double circular blade.

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VERTICAL PANEL SAW MAKK Mod. DPM-KS WITH PANEL LIFTING SYSTEM.

Cutting Panels mm. 5000x2200 (3700x2200 with pliers).

Panel Clamping System by Pliers.

Scoring group with circular blade saw.

Automatic movable table.

Digital Display for vertical and horizontal cuts.

Machine for cutting panels either in vertical or in horizontal, for every cutting need, with the best value for money on the market

Panel Lifting System.

The Panels Clamping System by Pliers used for the DPM-KS, highlights once again its peculiarity in the vertical cut.

Thanks to this system, even one operator can cut in the desired dimensions even great panels, without the slightest effort.

High precision cuts can be made with the control system.

With the pneumatic locking system in the DPM-KS model, the panel can be trimmed at the bottom.

Thus, operator's work is extremely facilitated by making it possible to perform a cutting operation without effort and with maximum precision.

Scoring group with double circular blade HM (system can be excluded via lever).

The scoring group of the machine allows to avoid any chipping that can be caused during the cutting operation of ennobled, veneered panels, etc...

Panel Sliding System.

The double bearing wheels for panel sliding – high-quality and accurately worked – allow panels to slide freely on the machine.

TRK Suction Device (Optional).

Composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine.

Short Pieces Device.

Thanks to this device, the pieces of small dimensions can be easily cut without operator's waste of time.

Control Panel with

**Lower supports
with metal wheels
for panel support**

**Digital display for the
perfect adjustment of cuts
in vertical and horizontal**

**Pliers system for
panel clamping**

**TRK Suction Device (optional), composed of
hood positioned on the right side of the machine
for the whole height, with rear intake vent,
to optimize the suction system of the machine**

STANDARD EQUIPMENT...

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Scoring group with double circular blade HM (system can be excluded via lever).**
- **Digital display for the perfect adjustment of cuts in vertical and horizontal.**
- **Clamping system for locking and moving panels via control board.**
- **Automatic movable table, with pneumatic operation.**
- Tilting device for supporting small pieces to be cut.
- Mechanical positioners for horizontal cuts.
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Nr. 2 shutters for vertical cuts.
- Lower supports with metal wheels for panel support.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM).
- Circular blade of the scoring group (HM).

TECHNICAL DATA:

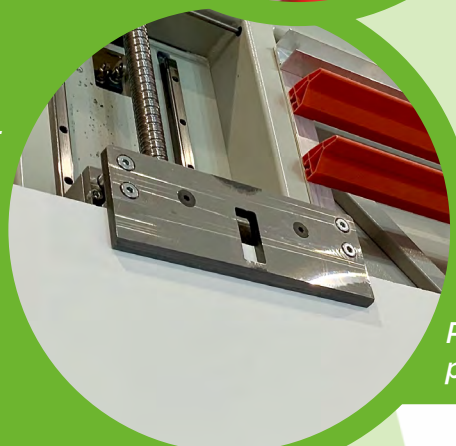
- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Rotation speed of the scoring group's blade: 7800 r.p.m.
- Max. panel weight for lifting with pliers Kg. 250
- Min. panel height for lifting with pliers mm. 700
- Max. cutting height: 2200 mm
- Max. cutting length: 5000 mm (3700 mm. with pliers)
- Max. cutting thickness: 60 mm (45 mm. with pliers)
- Circular blade: mm. 250x30x3,2 Z=80 HM
- Scoring group with double circular blade diameter mm.80x2,8/3,6x20 Z=10+10 HM
- Overall dimensions (L x H x W): mm.6000 x 2980 x 1750
- Total weight: 1000 Kg.



Tilting device for supporting small pieces to be cut



TRK System back suction

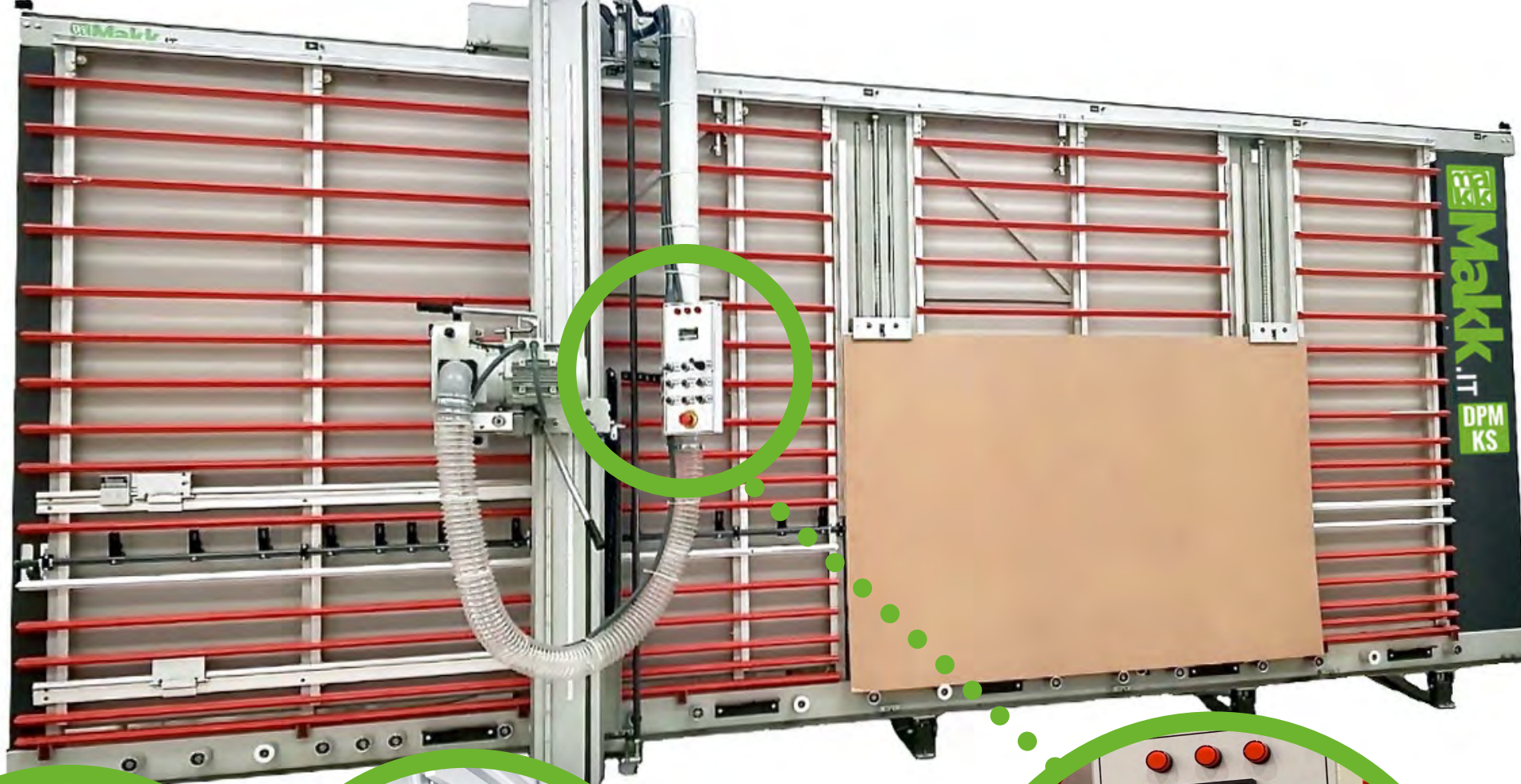


Pliers system for panel clamping



TRK Suction Device (optional), composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine

DPM
KS



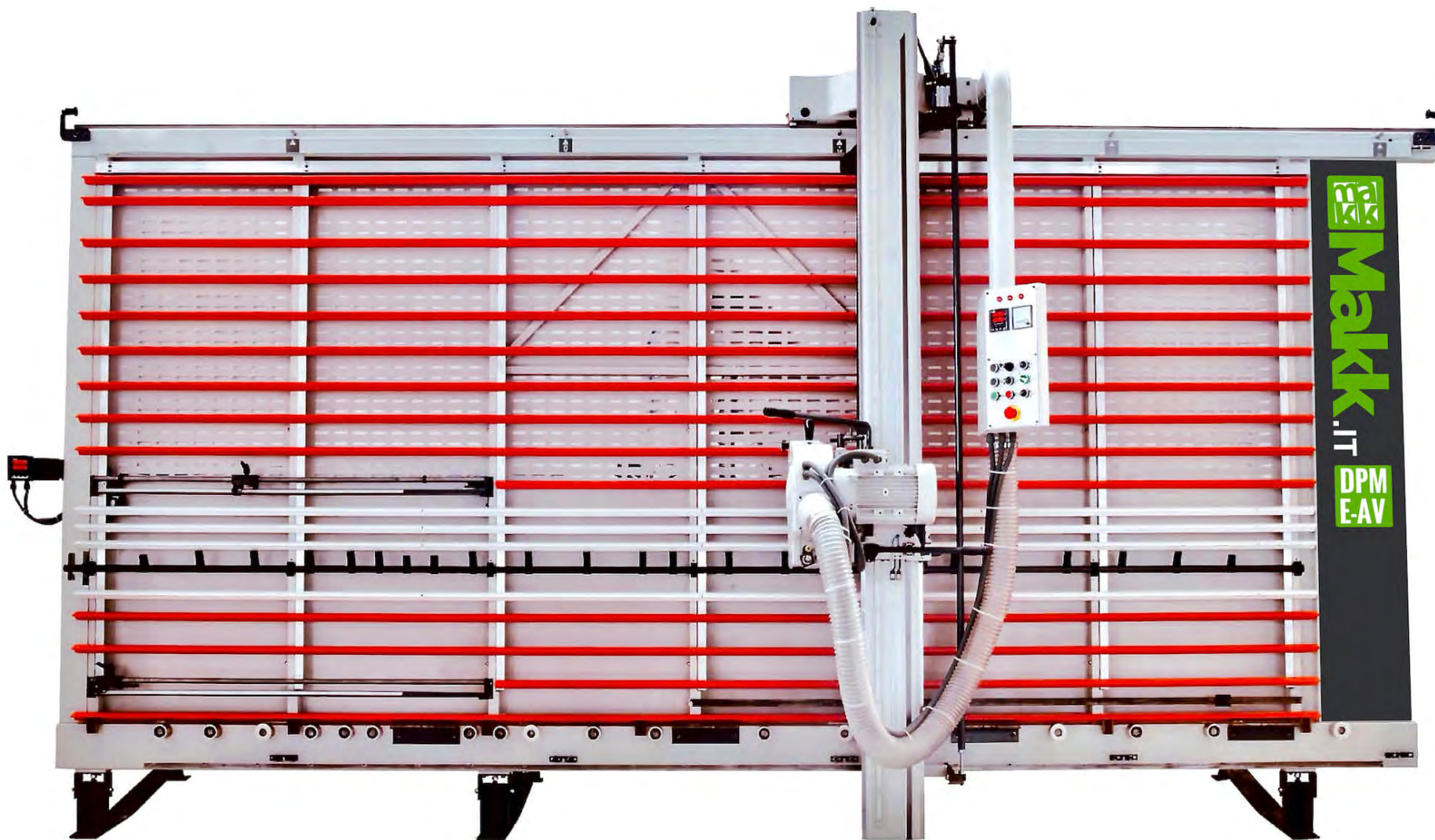
Tilting device for supporting small pieces to be cut



*Pliers system for
locking and moving
panels with control
board.
Digital display
included for the
perfect adjustment
of cuts in vertical
and horizontal.*



DPM
E-AV



AUTOMATIC VERTICAL PANEL SAW MAKK MOD. DPME-AV

Cutting Panels mm. 4000x2100 (on request up to 12000 mm. in length and 2400 mm. in height).

Circular Blade Group's Motorized Movement from control panel.

Digital display for the perfect adjustment of cuts in vertical and horizontal.

Automatic movable table with pneumatic operation.

Circular blade diameter mm.250 (HM).

Scoring group with double circular blade.

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AUTOMATIC VERTICAL PANEL SAW MAKK DPME-AV

Circular Blade Group's Motorized Movement.

Automatic movable table. Cutting panels mm.4000*2100.

Scoring group with circular blade.

Digital display for vertical and horizontal cuts.

Machine for cutting panels either in vertical or in horizontal, for every cutting need, with the best value for money on the market.

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- **Circular Blade Group's Motorized Movement from control board.**
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Digital visualizer for the perfect adjustment of cuts in vertical and horizontal.**
- Automatic movable table, with pneumatic operation.
- **Scoring group with double circular blade HM (system can be excluded via lever).**
- Tilting device for supporting small pieces to be cut.
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower panel supports with metal wheels.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM) + Scoring group (HM).

TECHNICAL DATA:

- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Rotation speed of the scoring group's blade: 7800 r.p.m.
- Max. cutting height: 2100 mm
- Max. cutting length: 4000 mm
- Max. cutting thickness: 60 mm
- Circular blade: mm. 250x30x3,2 Z=80 HM
- Scoring group with double circular blade diameter mm.80x2,8/3,6x20 Z=10+10 HM
- Overall dimensions (L x H x W): mm. 5000 x 2980 x 1750
- Total weight: 700 Kg.



Lower supports with metal wheels for panel support



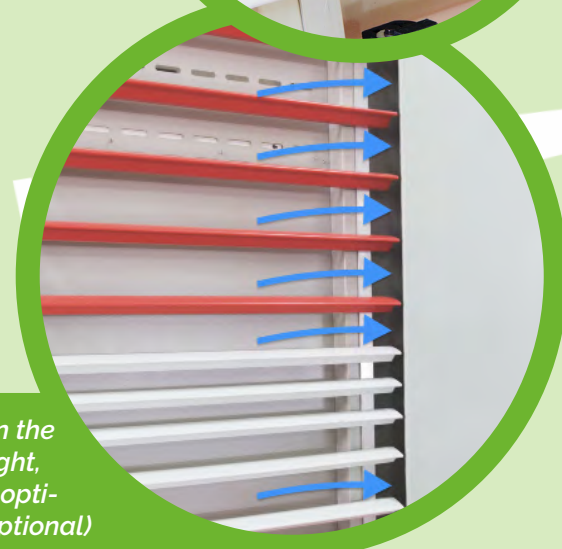
Digital display for the perfect adjustment of cuts in vertical and horizontal



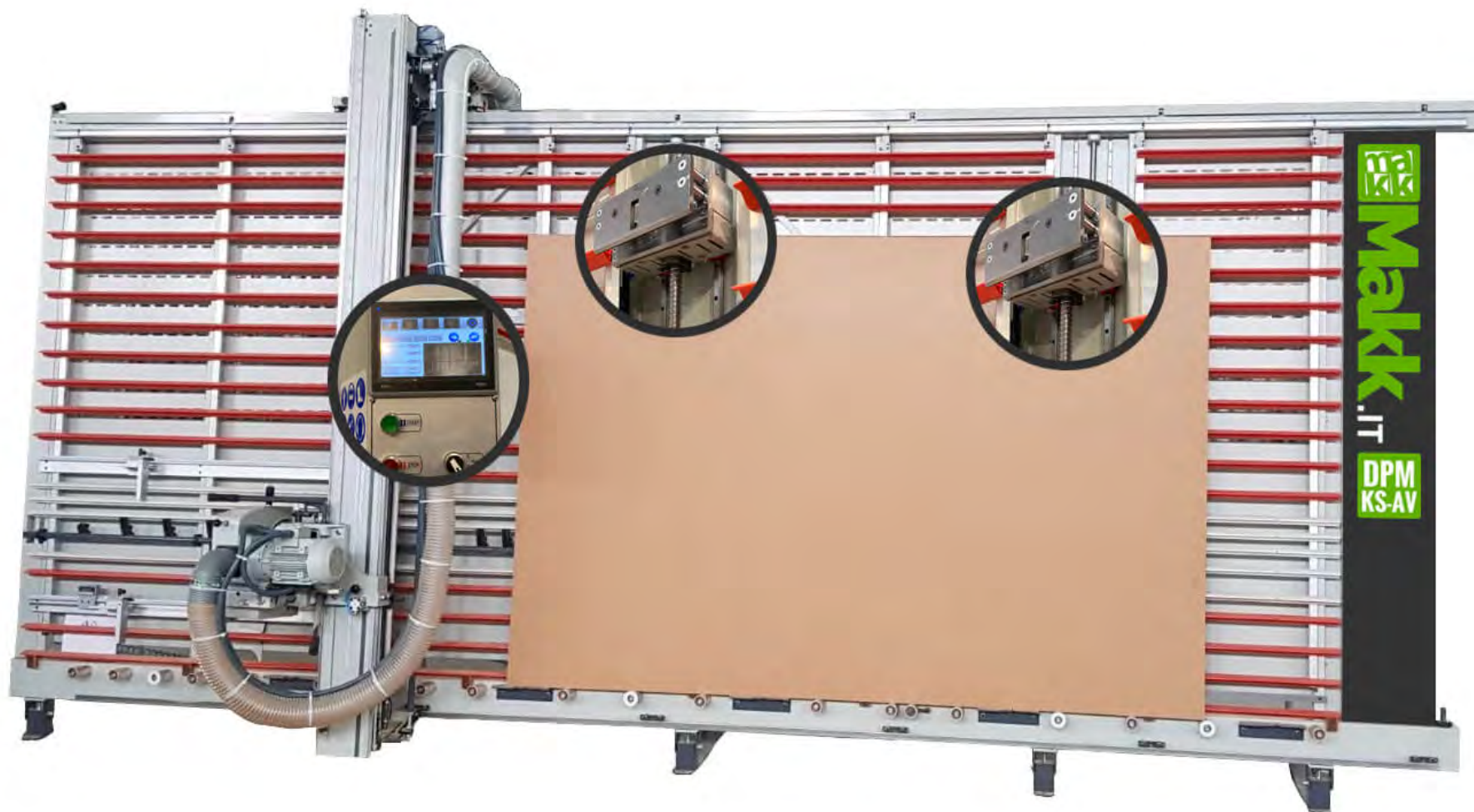
Control panel



TRK Suction Device, composed by hood on the right side of the machine for the whole height, with back suction mouth diam.120 mm, to optimize the suction system of the machine (Optional)



DPM
KS-
AV



AUTOMATIC VERTICAL PANEL SAW WITH PANEL LIFTING SYSTEM MAKK DPM-KS-AV

Cutting Panels mm.5100x2200 (on request up to 12000 mm. in length and 2400 mm. in height).

Clamping system for locking and moving panels. Maximum Cutting Thickness mm.60.

Circular Blade Group's Motorized Movement from control panel.

Digital Display for vertical and horizontal cuts. As an optional, TRK Suction Device.

Automatic movable table, with pneumatic operation.

Circular blade diameter mm. 250 (HM). Scoring group with double circular blade.

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AUTOMATIC VERTICAL PANEL SAW MAKK DPM-KS-AV WITH PANEL LIFTING SYSTEM.

Circular Blade Group's Motorized Movement from control panel. Cutting Panels mm. 5100x2200 (3700x2200 with pliers).

Panel Clamping System by Pliers. Scoring group with circular blade.

Digital Display for vertical and horizontal cuts.

PLC Control Panel with Touch-Screen.

THK Upright Slide Guides, upper and lower.
Machine for cutting panels either in vertical or in horizontal, for all cutting needs, with the best quality/price ratio on the market.

Panel Lifting System by Pliers.

The Panels Clamping System by Pliers used for the DPM-KS-AV, highlights once again its peculiarity in the vertical cut.

Thanks to this system, even one operator can cut in the desired dimensions even great panels, without the slightest effort.

High precision cuts can be made with the control system.

With the pneumatic locking system in the DPM-KS model, the panel can be trimmed at the bottom.

Thus, operator's work is extremely facilitated by making it possible to perform a cutting operation without effort and with maximum precision. operation without effort and with the maximum precision.

PLC Control Panel with Touch-Screen

To set the various working functions, vertical/horizontal, the cut measure horizontally, the positioning of the crossbar on the 4 fixed points, and the positioning of the stop on the right side.

Scoring group with double circular blade HM (system can be excluded via lever).

The scoring group of the machine allows to avoid any chipping that can be caused during the cutting operation of ennobled, veneered panels, etc...

Panel Sliding System.

The double bearing wheels for panel sliding – high-quality and accurately worked – allow panels to slide freely on the machine.

Short Pieces Device.

Thanks to this device, pieces of small dimensions can be easily cut without operator's waste of time.

Touch-Screen control board



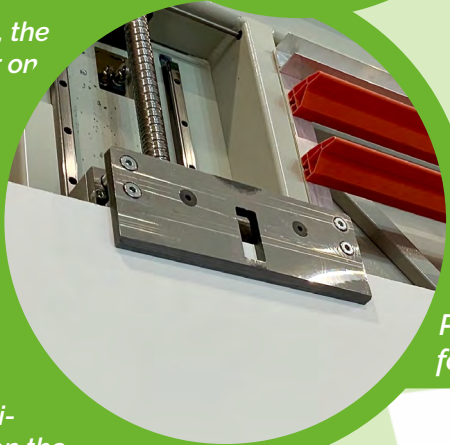
Lower supports with metal wheels for panel support



Digital display for the perfect adjustment of cuts in vertical and horizontal



Pliers system for panel clamping



PLC Control Panel with Touch-Screen



STANDARD EQUIPMENT...

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts
- **Circular Blade Group's Motorized Movement to make vertical and horizontal cuts from control panel.**
- **PLC Control Panel with Touch-Screen.**
- **Scoring group with double circular blade HM (system can be excluded via lever).**
- **Digital display for the perfect adjustment of cuts in vertical and horizontal.**
- **Clamping system for locking panels from control board.**
- **Automatic movable table, with pneumatic operation.**
- **THK Upright Slide Guides, upper and lower.**
- Tilting device for supporting small pieces to be cut.
- Mechanical positioners for horizontal cuts.
- **Automatic pivot positioning for vertical cuts**
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Nr. 2 shutters for vertical cuts.
- **Vertical and horizontal pneumatic locking.**
- Lower panel supports with metal wheels.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM) + Circular blade of the scoring group (HM).

TECHNICAL DATA:

- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Rotation speed of the scoring group's blade: 7800 r.p.m.
- Max. panel weight for lifting with pliers Kg. 250
- Min. panel height for lifting with pliers mm. 200
- Max. cutting height: 2200 mm
- Max. cutting length: 5100 mm (3700 mm with pliers)
- Max. cutting thickness: 60 mm (45 mm with pliers)
- Circular blade: mm. 250x30x3,2 Z=80 HM
- Scoring group with double circular blade diameter mm.80x2,8/3,6x20 Z=10+10 HM
- Overall dimensions (L x H x W): mm. 6000 x 2980 x 1750
- Total weight: 1100 Kg.



Tilting device for supporting the small pieces to be cut



TRK System back suction

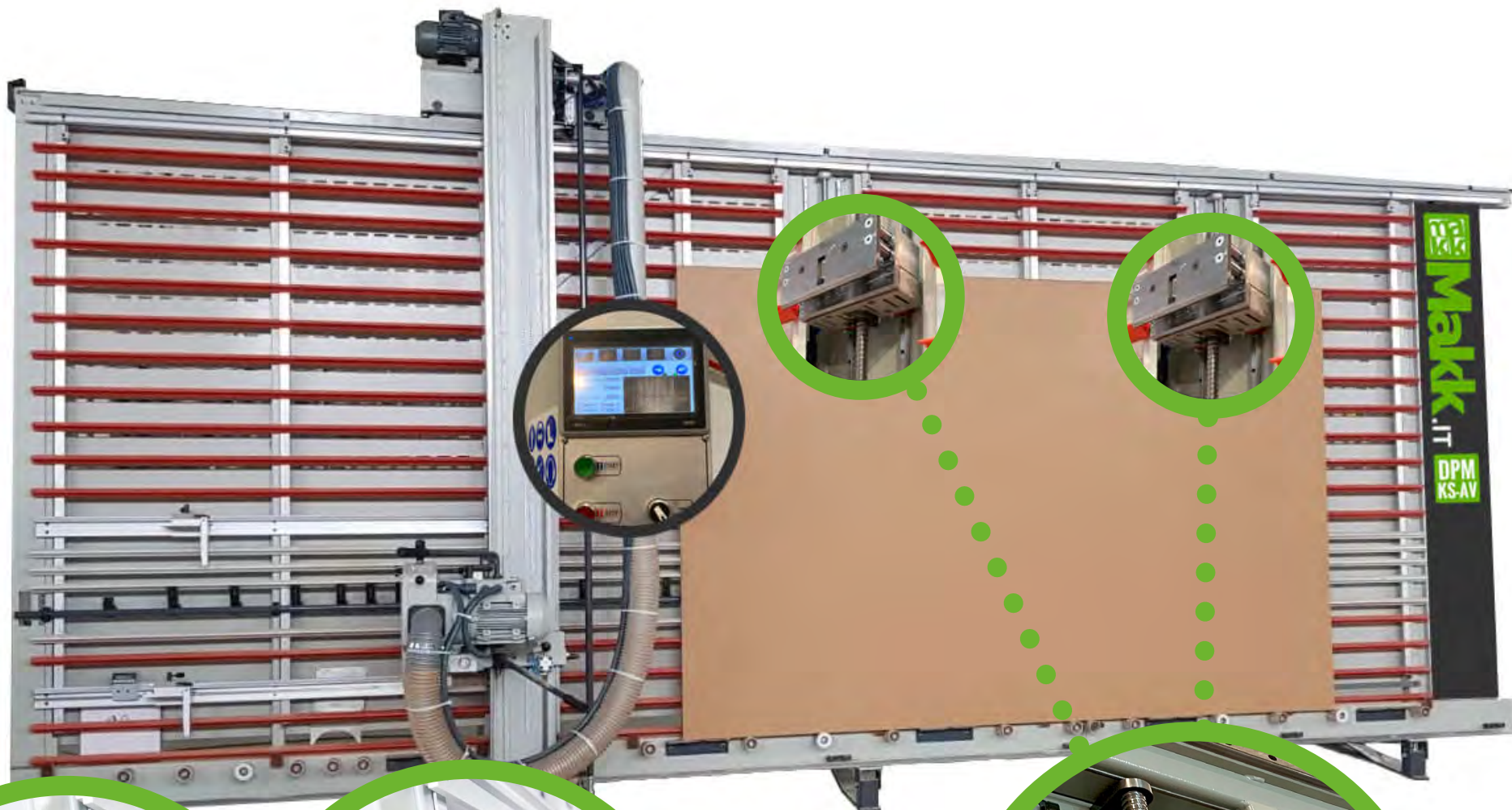


Pliers system for panel clamping



TRK Suction Device (optional), composed of hoo, positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine

DPM
KS-
AV

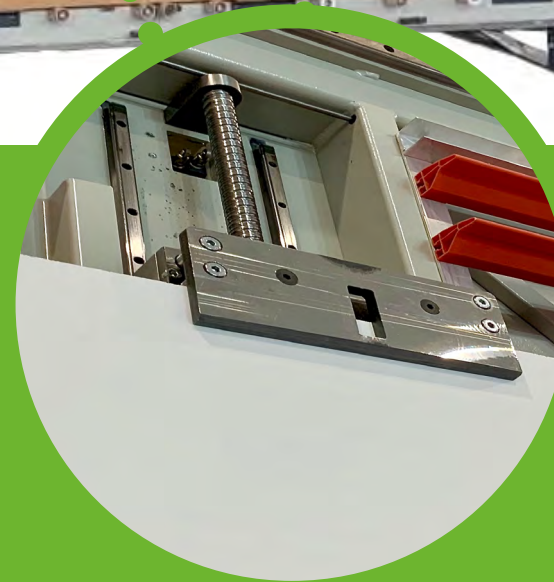


*Pliers system for
locking and moving
panels with control
board.*

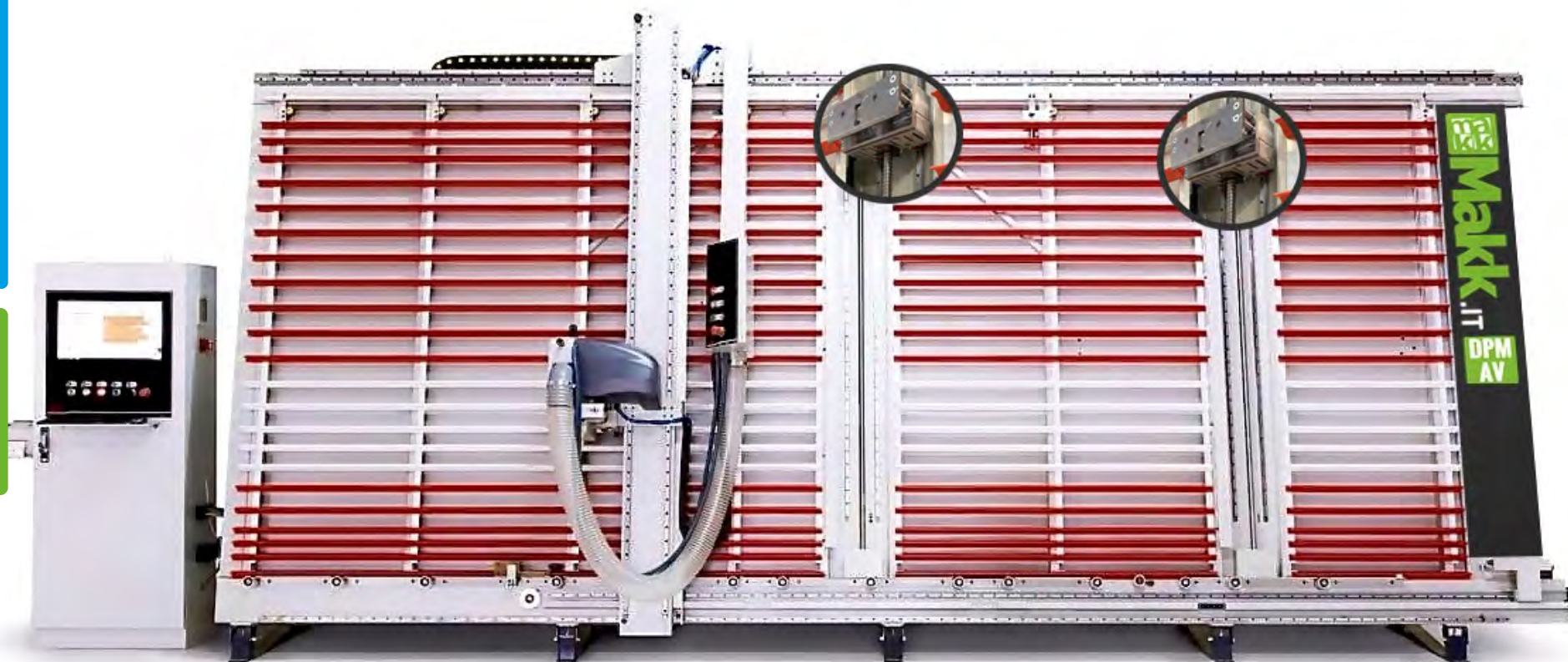
*Digital display
included for the
perfect adjustment
of cuts in vertical
and horizontal.*



Tilting device for supporting small pieces to be cut



**DPM
-AV**



100% AUTOMATIC VERTICAL PANEL SAW MAKK MOD. DPM-AV + Cutting Optimisation.

Cutting Panels mm. 5100x2100, or 3700x2100 with optimizer. On request, up to 12000 mm in length and 2400 mm in height.

Automatic cutting program. Automatic positioning system.

Cutting Optimization Software, PC included + Barcode Printer.

Automatic Panel Lifting System with Pliers. THK Slide Guides.

Group with 250 mm diameter circular blade (HM). Scoring group with double circular blade.

Inverter for rotation speed adjustment (500/4500 r.p.m.).

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AUTOMATIC VERTICAL PANEL SAW MAKK Mod. DPM-AV.

Cutting Panels mm.5100*2100 (3700*2100 with Optimizer).

Automatic cutting program.

Automatic positioning system (OPS).

Software of Panel Cutting Optimisation.

Automatic Panel Lifting System with Pliers.

Engraver group with circular blade Hm.

THK sliding guides, lower and upper.

Machine for cutting panels either in vertical or in horizontal, for every cutting need, with the best value for money on the market.

PC with Cutting Optimization Software.

Automatic Cutting Program.

By means of the cutting optimization software (3700 2100), the operator inserts the values into the PC software (included with the machine) and the panel cutting process is performed completely automatically. Operators make non intervention during the sizing process with DPM-AV.

Automatic Positioning System.

The machine automatically changes the vertical and horizontal position with the automatic positioning system. By means of the panel lifting system on DPM-AV model, the adjustment process is completed while the panel is on the machine.

Scoring group with double circular blade HM (system can be excluded via lever).

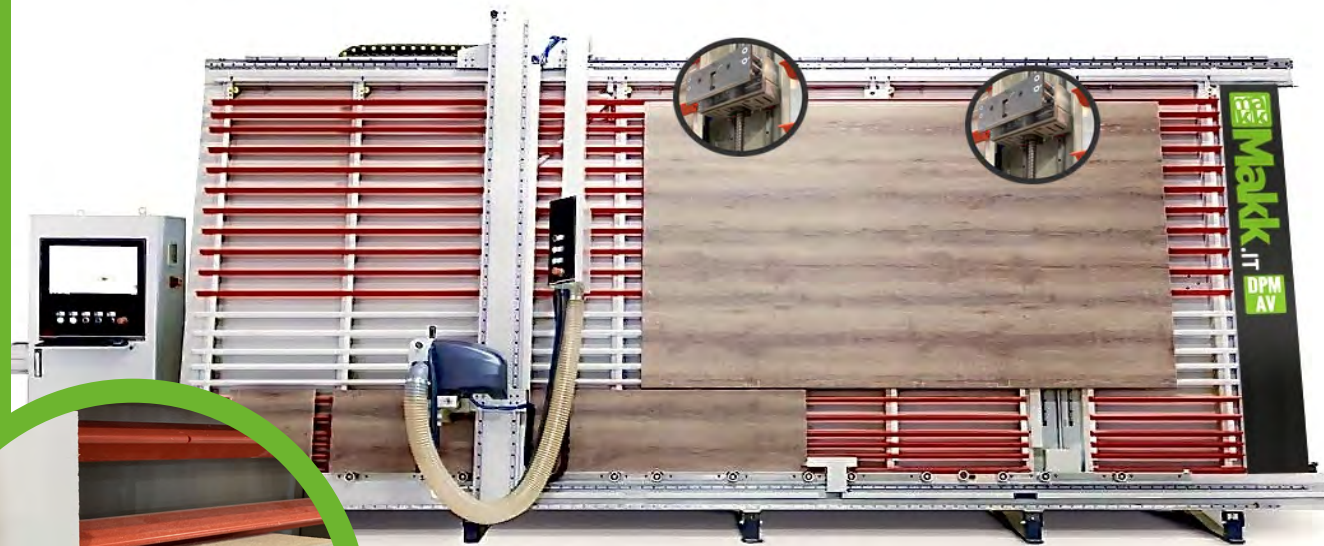
The Engraver Blade System available with the machine prevents breakages and cracks that may occur during cutting.

Panel Lifting System by Pliers.

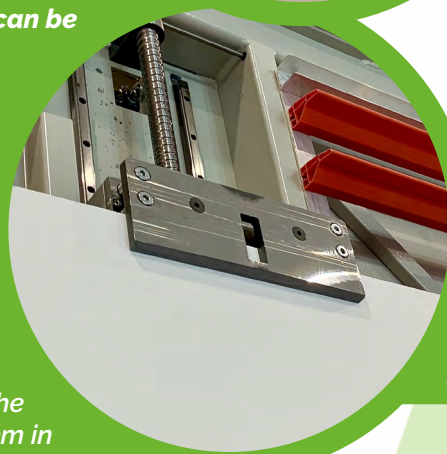
The panel clamping system used for the DPM-AV model once again shows its peculiarity in the vertical and horizontal cut.

Thanks to this system, even a single operator can cut into the desired size, even large panels without the slightest effort. High precision cutting can be made with the PC-controlled system. With the pneumatic locking system in the DPM-AV model, the panel can be easily trimmed at the bottom without manually moving the panel.

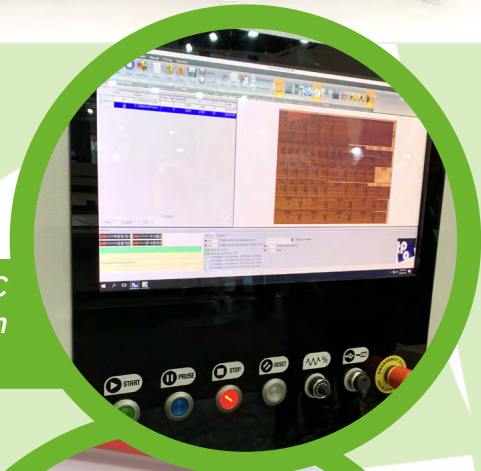
Thus, the operator's work is extremely facilitated allowing to perform a cutting operation without fatigue and with the utmost precision.



Horizontal pusher for cutting small panels vertically



Pliers system for panel clamping



Control panel with PC + cutting optimization software



TRK Suction Device (optional), composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine

TRK Dust Collection System (optional).

The TRK suction device consists of a vertical suction hood positioned on the right side of the machine for all its height, with a rear suction vent, to optimize the suction system of the machine. It requires the use of a suitable suction group to be connected to the machine.



Panel Sliding System.

The precision-machined, high-quality double-bearing sliding wheels allow the panel to slide freely on the machine.

Short Piece Device.

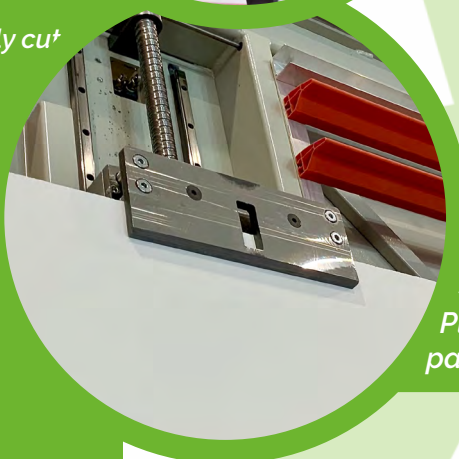
Thanks to this device, pieces of small dimensions can be easily cut without operator's waste of time.

THK upright slide rails, upper and lower.

Double lower panel locking pliers for vertical cuts.



Turnable head for vertical and horizontal cuts



Pliers system for panel clamping



THK upright slide rails



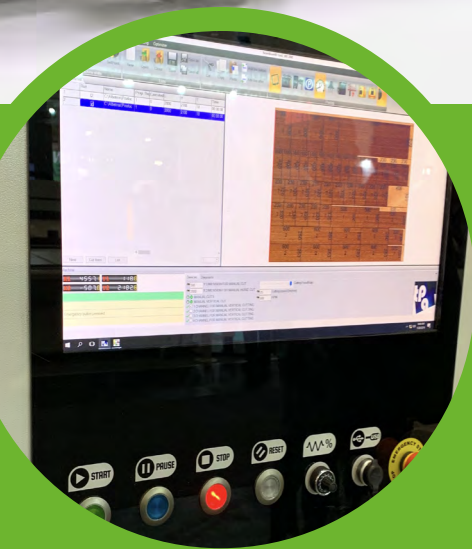
Barcode Labels Printer



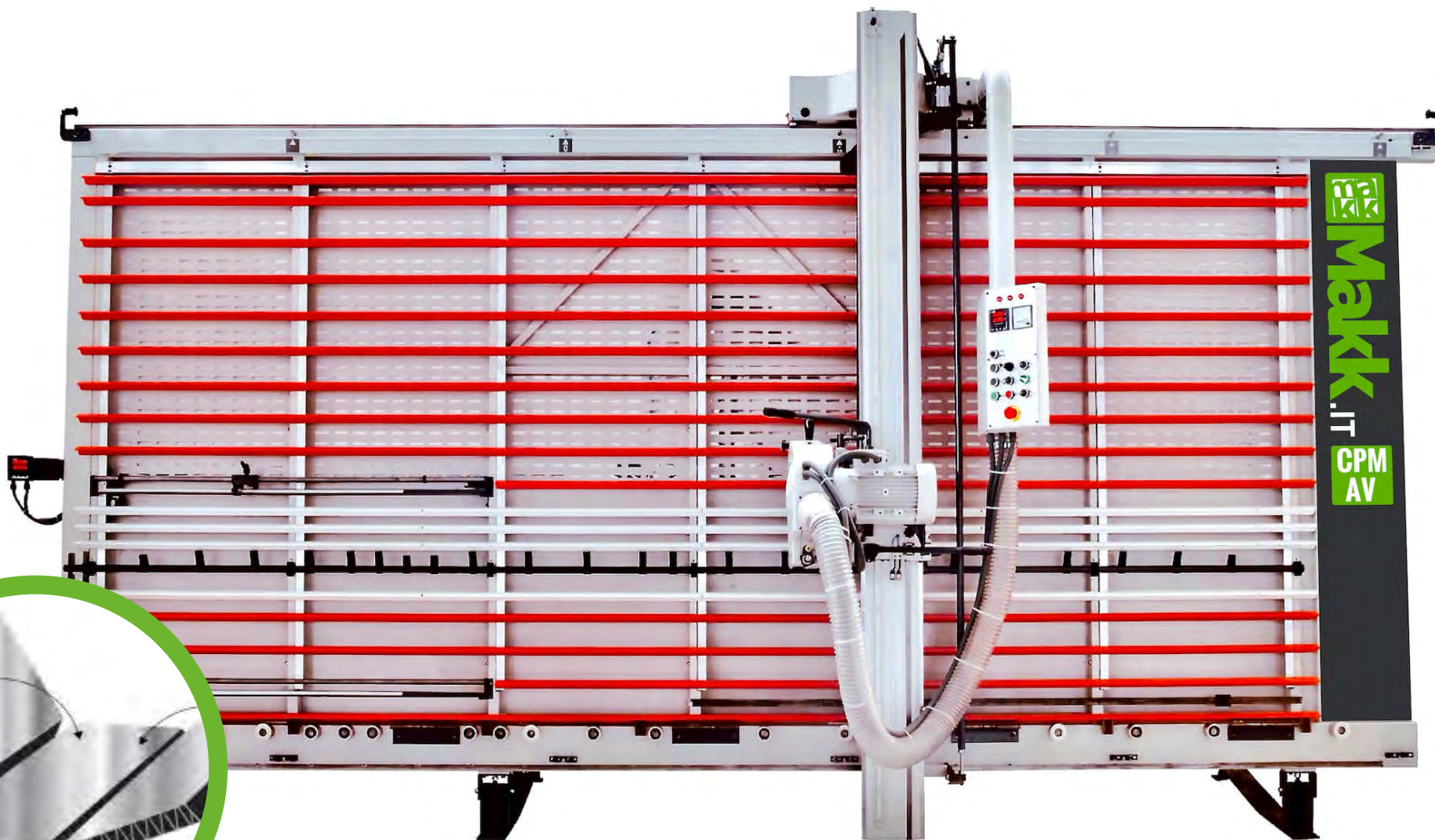
- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- **Automatic Positioning System.**
- **Automatic cutting program with PC included, with Software for Optimization of cuts.**
- **Scoring group with double circular blade HM (system can be excluded via lever).**
- **Automatic clamping system for lifting and locking panels.**
- **Upper and lower THK ball bearing slide guides for higher machining accuracy, longer life, and reliability on sliding.**
- Automatic movable table, with pneumatic operation.
- **Double locking plier for vertical cuts.**
- **Inverter for rotating speed adjustment (500/4500 r.p.m.).**
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Tilting device for supporting small pieces to be cut.
- **Automatic Panels Lifting System.**
- **Integrated dust collection system TRK (optional).**
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- **Barcode Labels Printer.**
- Lower panel supports with metal wheels.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM).
- Circular blade of the scoring group (HM).

TECHNICAL DATA:

- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Circular blade rotation speed: 5800 r.p.m.
- Rotation speed of the scoring group's blade: 7800 r.p.m.
- Max. panel weight for lifting with pliers Kg. 250
- Min. panel height for lifting with pliers mm. 200
- Max. cutting height: 2100 mm
- Max. cutting length: 5100 mm (3700 with optimizer)
- Max. cutting thickness: 60 mm (45 mm. with pliers)
- Circular blade: mm. 250x30x3,2 Z=80 HM
- Scoring group with double circular blade diameter mm.80x2,8/3,6x20 Z=10+10 HM
- Overall dimensions (L x H x W): mm. 6000 x 2980 x 1750
- Total weight: 1400 Kg.



CPM
AV



AUTOMATIC VERTICAL PANEL SAW FOR ALUCOBOND® CUT AND V-GROOVING MAKK MOD. CPM-AV

Special for Cutting and V-Grooving (Milling) V-Channels 90°/135° on Alucobond® Panels, Composite Panels, etc...

Cut and V-Grooving of panels mm. 4000×2100 (on request up to 12000 mm. in length).

Patented System for Switching from Cutting to V-Grooving (Milling) in 1 second.

Maximum cutting thickness mm. 24, with circular blade diameter mm. 230 (HM).

Kit for angled cuts and milling.

Makk.it



AUTOMATIC PANEL SAW FOR CUT AND V-GROOVING ON ALUCOBOND® PANELS MAKK Mod. CPM-AV.

**Special for V-Grooving 90° V-Channels on Alucobond® panels.
Motorized Movement Circular Blade Group from control panel.
Patented System for switching from Cutting to V-Grooving in 1 second.
Cut and V-Grooving of panels mm. 4000x2100.
Digital display for vertical and horizontal cuts.**

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- **Patented System for switching from Cutting to V-Grooving (Milling) in 1 second.**
- **Motorized Movement of the Circular Blade Group from control panel, either in horizontal or vertical.**
- **Digital display for the perfect adjustment of cuts in Vertical and horizontal.**
- **Automatic movable table, with pneumatic operation.**
- Tilting device for supporting small pieces to be cut.
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower panel supports with metal wheels.
- Safety devices. Instruction manual and service keys.
- Circular blade special Alucobond® (HM).
- V-Grooving "V" 90° milling cutter (HM).

TECHNICAL DATA:

- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Rotation speed of the V-Grooving milling cutter: 5800 r.p.m.
- Vertical cutting height: 2100 mm (optional 2200 mm)
- Horizontal cutting height: 1950 mm (optional 2050 mm)
- Cutting length: 4000 mm (optional up to 12 Mt.)
- Cutting thickness: 24 mm
- Circular blade: mm. 230x30x3,2 Z=62 HM
- V-Grooving V 90° milling cutter: mm. 200x30 Z=10 HM
- Overall dimensions (L x H x W): mm. 5000 x 2980 x 1750
- Total weight: 700 Kg.

Patented System for switching
from Cutting to V-Grooving
(Milling) in 1 second

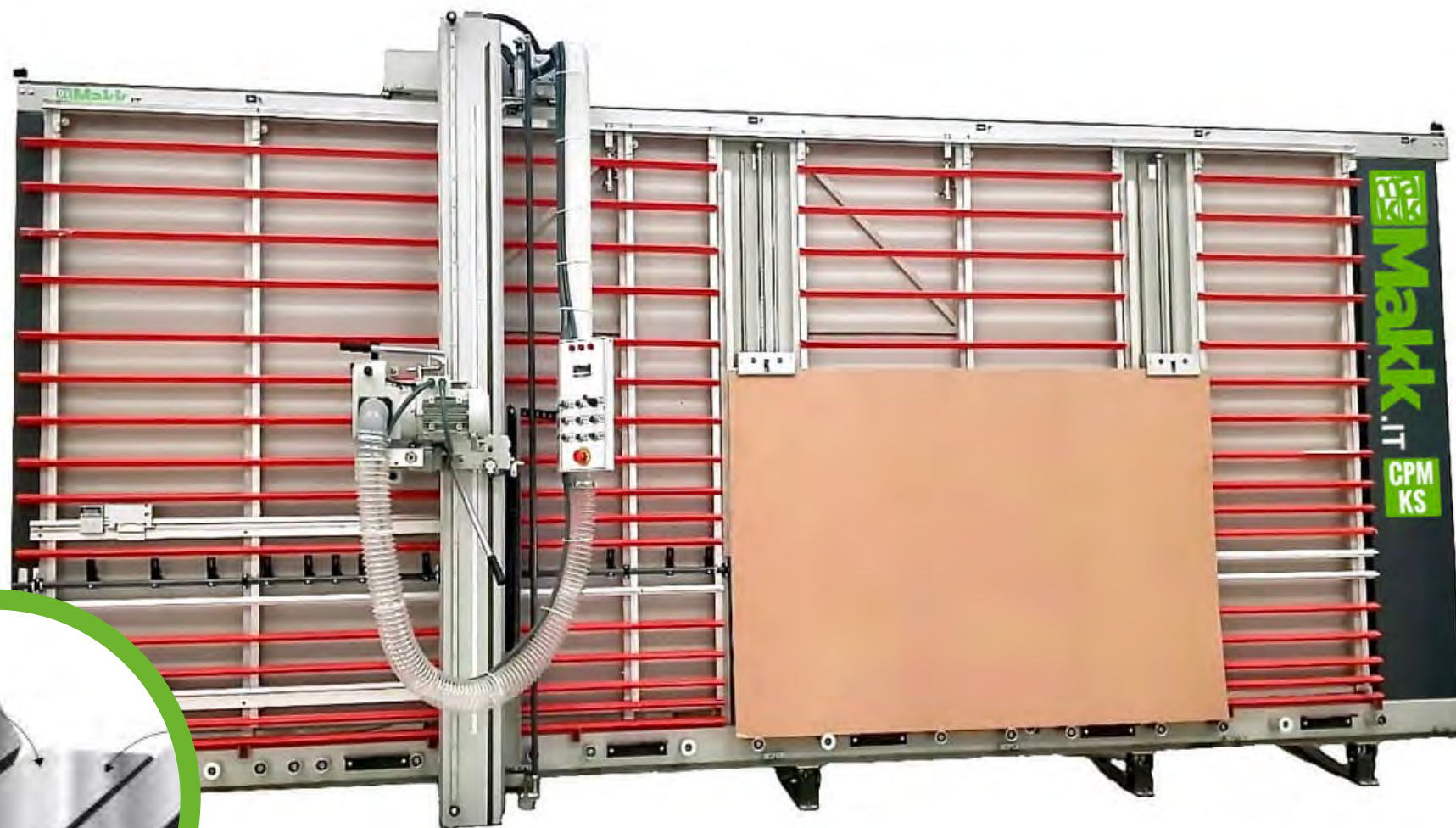
Lower supports
with metal wheels
for panel support

Digital display for the
perfect adjustment of cuts
in vertical and horizontal

Control panel

TRK Suction Device (optional), composed of hood
positioned on the right side of the machine for the
whole height, with rear intake vent, to optimize the
suction system of the machine

CPM
KS



VERTICAL PANEL SAW WITH PANEL LIFTING SYSTEM MAKK MOD. CPM-KS

Cutting Panels mm. 5000x2200 (on request up to 12000 mm. in length and 2400 mm. in height).

Clamping system for locking and moving panels.

Maximum Cutting Thickness mm. 60.

Digital Displays for vertical and horizontal cuts. As an optional, TRK Suction Device.

Automatic movable table, with pneumatic operation.

Circular blade diameter mm. 250 (HM). Scoring group with circular blade (HM).

Makk.it



VERTICAL PANEL SAW MAKK Mod. CPM-KS WITH PANEL LIFTING SYSTEM.

*Cutting and V-Grooving Panels mm. 5000*2200.*

Special for Cutting and V-Grooving (V 90°-135°) of composite panels (Alucobond®).

*Cutting panels mm. 5000*2200.*

New Panels Lifting System by Pliers.

Automatic movable table.

Digital visualizer for vertical and horizontal cuts.

Machine for Cutting and V-Grooving panels either in vertical or in horizontal, for any cutting need, with the best quality/price ratio on the market.

Panel Lifting System by Pliers.

The Panels Clamping System by Pliers used for the CPM-KS, highlights once again its peculiarity in the vertical cut.

Thanks to this system, even one operator can cut in the desired dimensions even great panels, without the slightest effort. High precision cuts can be made with the control system.

With the pneumatic locking system in the DPM-KS model, the panel can be trimmed at the bottom.

Thus, operator's work is extremely facilitated by making it possible to perform a cutting operation without effort and with maximum precision.

Special for 90°/135° V-Grooving and Cutting (V-Grooving) on Alucobond® Panels, Composite Panels.

*Patented System for Switching from Cutting to Milling in 1 Second. Cutting and milling of panels 5000*2200 mm.*

Panel Sliding System.

The double bearing wheels for panel sliding – high-quality and accurately worked – allow panels to slide freely on the machine.

TRK Suction Device (Optional).

Composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine.

Short Pieces Device.

Thanks to this device, the pieces of small dimensions can be easily cut without operator's waste of time.

Control Panel with

**Lower supports
with metal wheels
for panel support**

**Digital display for the
perfect adjustment of cuts
in vertical and horizontal**

**Pliers system for
panel clamping**

**TRK Suction Device (optional), composed of
hood positioned on the right side of the machine
for the whole height, with rear intake vent,
to optimize the suction system of the machine**

STANDARD EQUIPMENT...

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Patented System to Pass from Cutting to V-Grooving (Milling) in 1 second.**
- **Digital display for the perfect adjustment of cuts in vertical and horizontal.**
- **Clamping system for locking and moving panels via control board.**
- **Automatic movable table, with pneumatic operation.**
- Tilting device for supporting small pieces to be cut.
- Mechanical positioners for horizontal cuts.
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Nr. 2 shutters for vertical cuts.
- Lower supports with metal wheels for panel support.
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM).
- V-Grooving V-90° milling cutter.

TECHNICAL DATA:

- Motor power: 4 Hp (3 kW)
- Rotation speed of the circular blade: 5800 r.p.m.
- Rotation speed of the V-Grooving milling cutter: 5800 r.p.m.
- Max weight of the panel for lifting by pliers Kg. 250
- Min panel height with lifting by pliers mm. 200
- Cutting height: 2200 mm
- Cutting length: 5000 mm
- Max cutting thickness: 24 mm
- Circular blade: mm. 230x30x3,2 Z=80 HM
- V-Grooving V-90° milling cutter: mm. 200x30 Z=24 HM (HM interchangeable little knives)
- Overall dimensions (L x H x W): mm. 6000 x 2980 x 1750
- Total weight: 1000 Kg



Tilting device for supporting small pieces to be cut



TRK System back suction

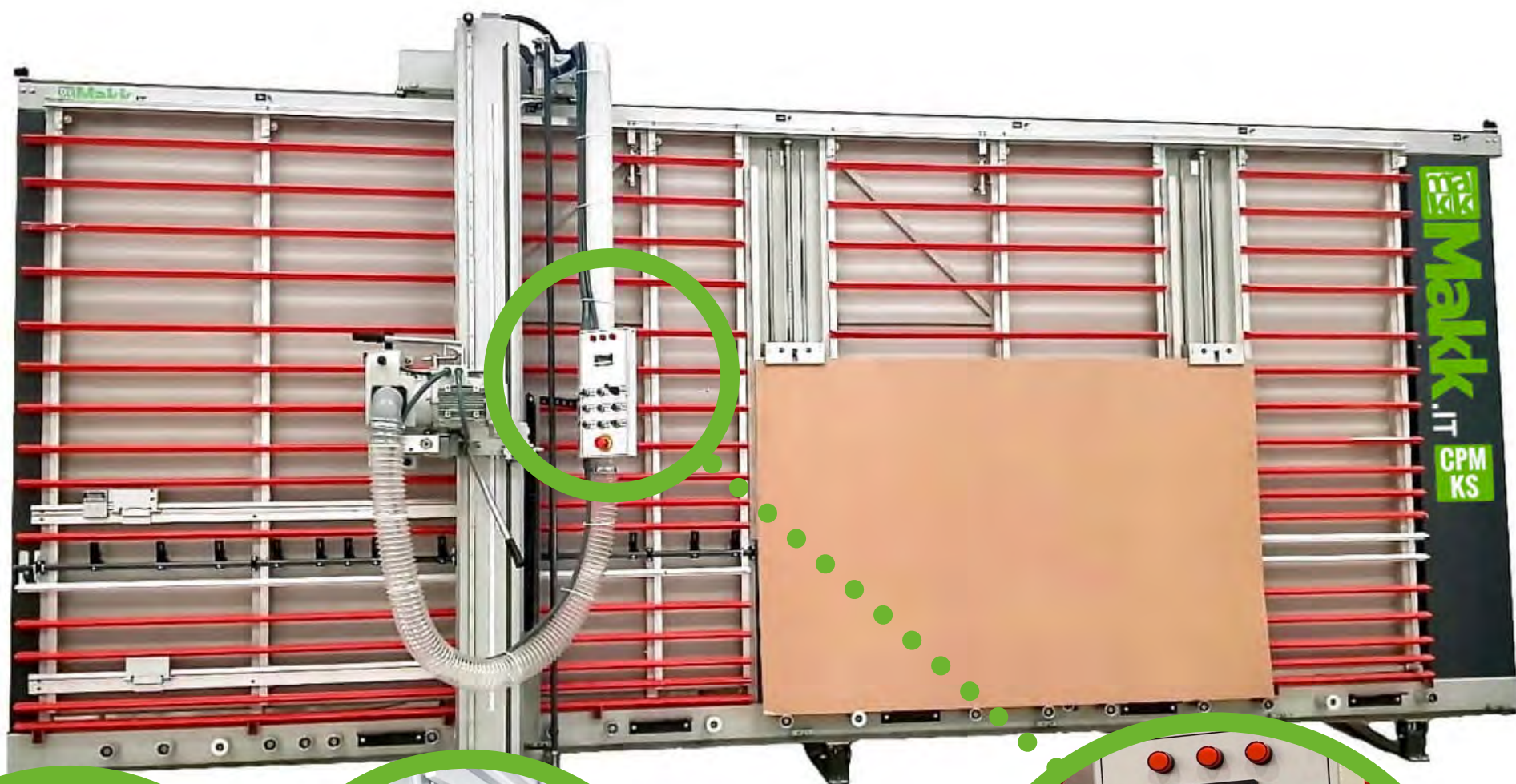


Pliers system for panel clamping



TRK Suction Device (optional), composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine

CPM
KS



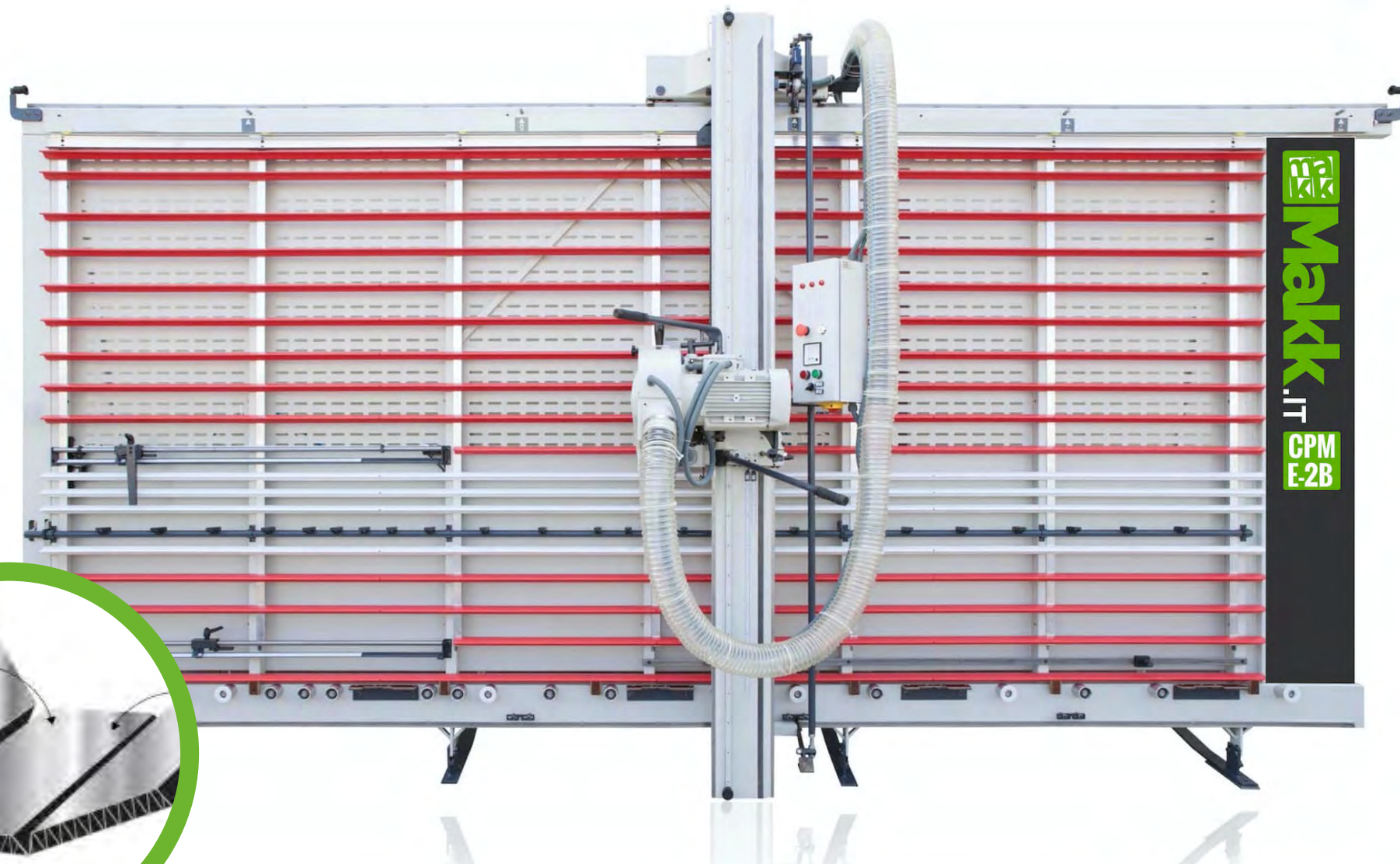
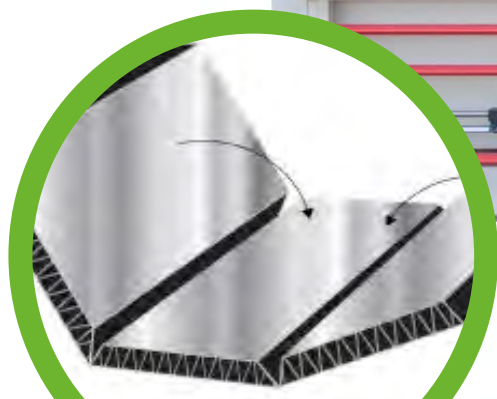
Tilting device for supporting small pieces to be cut



*Pliers system for
locking and moving
panels with control
board.
Digital display
included for the
perfect adjustment
of cuts in vertical
and horizontal.*



CPM
E-2B



VERTICAL PANEL SAW FOR ALUCOBOND® PANELS CUT AND V-GROOVING MAKK MOD. CPME-2B

Special for Cutting and V-Grooving 90°/135° V-Channels on Alucobond® Panels, Composite Panels, etc...

Cut and V-Grooving of panels mm. 4000×2100 (on request up to 12000 mm. in length).

Patented System to Switch from Cutting to V-Grooving (Milling) in 1 second.

Automatic movable table.

Angled Cuts and V-Grooving device.

Makk.it



VERTICAL PANEL SAW MAKK Mod. CPME-2B.

Special for V-Grooving 90° V-Channels on Alucobond® panels.
Patented System for switching from Cutting to V-Grooving in 1 second. Cut and V-Grooving of panels mm. 4000*2100.
Automatic movable table.
Angled Cuts and V-Grooving device.

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- **Patented System for switching from Cutting to V-Grooving (Milling) in 1 second.**
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Automatic movable table, with pneumatic operation.**
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- Tilting device for supporting small pieces to be cut.
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower panel supports with metal wheels.
- **Angled Cuts and V-Grooving device.**
- Safety devices.
- Instruction manual and service keys.
- Circular blade (HM) for Alucobond® and Composite panels.
- V-Grooving V-90° milling cutter (HM).

TECHNICAL DATA:

- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Rotation speed of the V-Grooving milling cutter: 5800 r.p.m.
- Vertical cutting height: 2100 mm (optional 2200 mm)
- Horizontal cutting height: 1950 mm (optional 2050 mm)
- Cutting length: 4000 mm (optional up to 12 Mt.)
- Cutting thickness: 24 mm
- Circular blade: mm. 230x30x3,2 Z=62 HM
- V-Grooving V-90° milling cutter: mm. 200x30 Z=10 HM (HM interchangeable little knives)
- Overall dimensions (L x H x W): mm. 5000 x 2980 x 1750
- Total weight: 700 Kg.

Patented System for switching
from Cutting to V-Grooving
(Milling) in 1 second

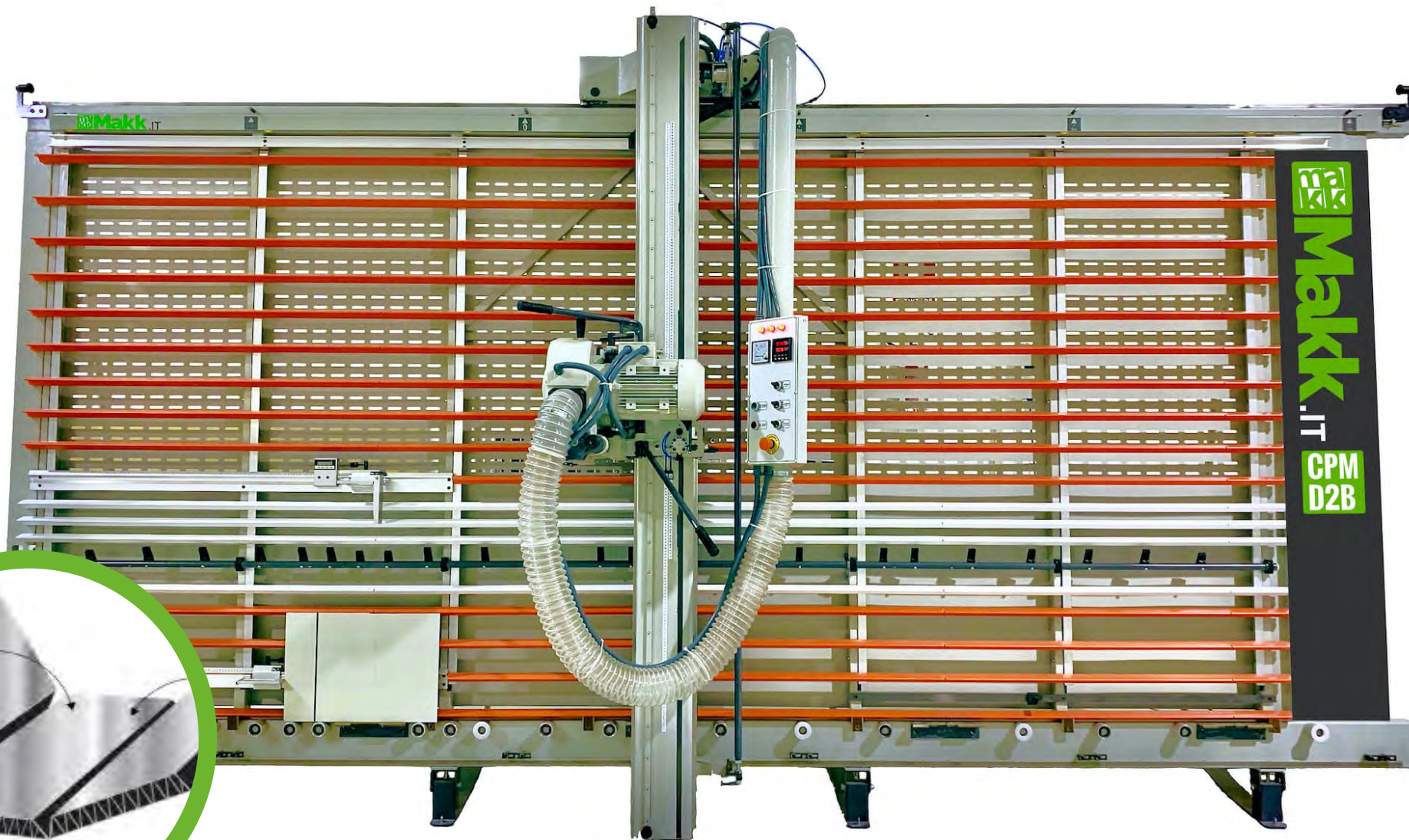
Lower supports
with metal wheels
for panel support

Angled Cuts and
V-Grooving device

Stop for vertical cuts

TRK Suction Device (optional), composed of hoc
positioned on the right side of the machine for the
whole height, with rear intake vent, to optimize the
suction system of the machine

CPM
D2B



VERTICAL PANEL SAW FOR ALUCOBOND® PANELS CUT AND V-GROOVING “V” MAKK MOD. CPM-D2B

Special for Cutting and V-Grooving 90°/135° V-Channels on Alucobond® Panels, Composite Panels, etc...

Cut and V-Grooving of panels mm. 4000×2100 (on request up to 12000 mm. in length).

Patented System to Switch from Cutting to V-Grooving (Milling) in 1 second.

Maximum cutting thickness mm. 24, with circular blade diameter mm. 230 (HM).

Digital display for vertical and horizontal Cuts and V-Grooving.

Angled Cuts and V-Grooving device.

Makk.it



VERTICAL PANEL SAW MAKK Mod. CPM-D2B.

Special for V-Grooving 90° V-Channels on Alucobond® panels.
Patented System for switching from Cutting to V-Grooving in 1 second. Cut and V-Grooving of panels mm. 4000*2100.
Digital display for vertical and horizontal cuts.
Angled Cuts and V-Grooving device.

- Fully welded frame, with panel support table with PVC profile slats, automatically movable to avoid contact with the circular blade in horizontal cuts.
- **Patented System for switching from Cutting to V-Grooving (Milling) in 1 second.**
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Digital display for vertical and horizontal cuts and v-grooving.**
- **Electrical predisposition for simultaneous ON/OFF with suction group.**
- **Automatic movable table, with pneumatic operation.**
- **Pneumatic locking on the mast and blade group for horizontal and vertical cuts and/or milling, via selector on control panel.**
- Tilting device for supporting small pieces to be cut.
- Mechanical positioners for horizontal cuts.
- Nr. 2 shutters for vertical cuts.
- Lower panel supports with metal wheels.
- **Angled Cuts and V-Grooving device.**
- Safety devices. Instruction manual and service keys.
- Circular blade HM + V-Grooving V-90° milling cutter.

TECHNICAL DATA:

- Engine power: 4 HP (3 Kw) V. 400/50 Three-phase
- Engine rotation speed: 3000 r.p.m.
- Circular blade rotation speed: 5800 r.p.m.
- Rotation speed of the V-Grooving milling cutter: 5800 r.p.m.
- Vertical cutting height: 2100 mm (optional 2200 mm)
- Horizontal cutting height: 1950 mm (optional 2050 mm)
- Max. cutting length: 4000 mm (optional up to 12 Mt.)
- Max. cutting thickness: 24 mm
- Circular blade: mm. 230x30x3,2 Z=62 HM
- V-Grooving V-90° milling cutter: mm. 200x30 Z=10 HM
- Overall dimensions (L x H x W): mm. 5000 x 2980 x 1750
- Total weight: 700 Kg.

Patented System for switching from Cutting to V-Grooving (Milling) in 1 second

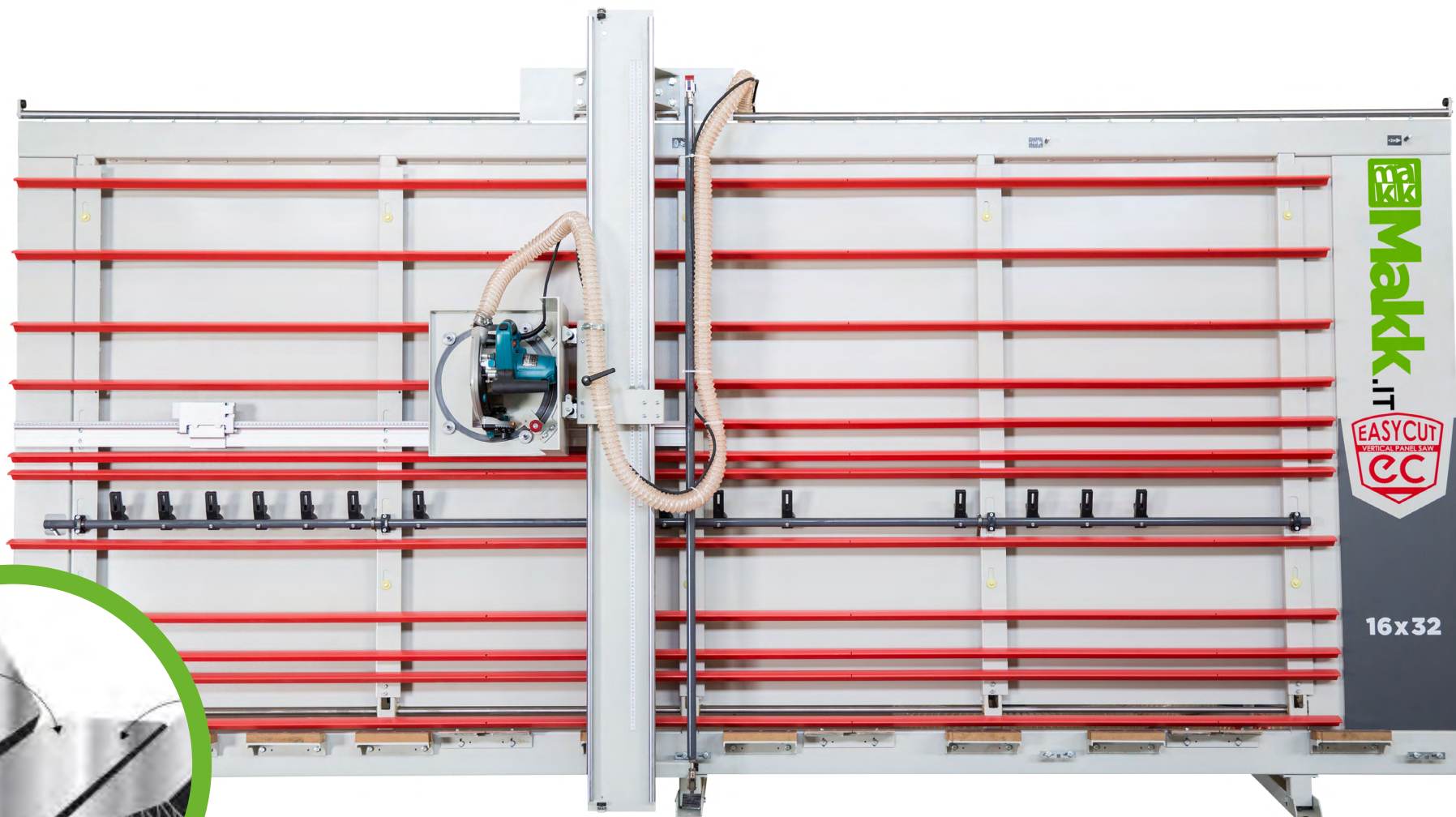
Lower supports with metal wheels for panel support

Digital display for the perfect adjustment of cuts in vertical and horizontal

Angled Cuts and V-Grooving device

TRK Suction Device (optional), composed of hoo. positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine

**EASY
CUT
16x32**



VERTICAL PANEL SAW MAKK MOD. EASYCUT-16x32

Cutting panels mm. 3200×1600 (on request up to 12000 mm. in length). Manual movable table.

OPTIONAL: V-Grooving Kit (V 90° Milling) on Composite Panels (Alucobond®, Dibond®, etc...).

Maximum cutting thickness mm. 60, with circular blade diameter mm. 165 (HM).

Tilting cut up to 45° on the edge of the panel.

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VERTICAL PANEL SAW MAKK Mod. EASY-CUT-16x32.
Cutting panels mm. 3200x1600. Manual movable table.
Optional... also for the V-Grooving (V 90° Milling) on Composite Panels (Alucobond®, Dibond®, etc...).

- Fully welded frame, with panel support table with PVC profile slats, manually movable to avoid contact with the circular blade in horizontal cuts.
- Manual displacement of the upright with blade group to make vertical and horizontal cuts through a manual lever.
- **Kit for V-Grooving (V 90° Milling) on Composite Panels (Alucobond®, Dibond®, etc). / OPTIONAL**
- Manual movable table.
- **Tilting device for support of the small pieces to be cut.**
- Shutters for vertical cuts.
- **Tilting cut up to 45° on the edge of the panel.**
- Wooden lower supports for panels.
- Safety devices.
- Instruction manual and service keys.
- Circular blade HM.

TECHNICAL DATA:

- Movable table: Manual
- Engine power: 1700 Watt - V. 230/50 Monophase (Makita SP600,
- Engine rotation speed: 5500 r.p.m.
- Cutting height: 1600 mm
- Cutting length: 3200 mm
- Max cutting thickness: 60 mm
- Max cutting thickness 45°: 45 mm
- Circular blade: mm. 165x30x3,2 HM
- Overall dimensions (L x H x W): mm. 4350 x 2350 x 1500
- Total weight: 350 Kg.



V-Grooving kit on composite panels (Optional)



V-Grooving 90° on composite panels (Optional)



45° inclined cut on panel edge



45° inclined cut on panel edge

Optional...

DPM, DPM-300

- Increased horizontal cutting length up to mm. 12.000
- Increased vertical cutting height up to mm. 2400
- Motor Hp. 5,5 (Kw. 4), only on DPM model
- Special voltage (standard V. 400/50 Three-phase)

DPME, DPME-D

- Increased horizontal cutting length up to mm. 12.000
- Increased vertical cutting height up to mm. 2400
- TRK Suction Device, composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine
- Motor Hp. 5,5 (Kw.4)
- Special voltage (standard V. 400/50 Three-phase)

DPME-300 DPME-D-300

- Increased horizontal cutting length up to mm. 12.000
- Increased vertical cutting height up to mm. 2400
- TRK Suction Device, composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine
- Special voltage (standard V. 400/50 Three-phase)

CPME-2B

CPM-AV

CPM-D2B

- *Increased horizontal cutting length up to mm. 12.000*
- *TRK Suction Device, composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine*
- *V-Grooving "V" 135° milling cutter*
- *V-Grooving "U" milling cutter*
- *Pneumatic punching machines for composite panels (Alucobond®), "T", "L", 90°, Curving, etc...*
- *Motor Hp. 5,5 (Kw. 4)*
- *Special voltage (standard V. 400/50 Three-phase)*

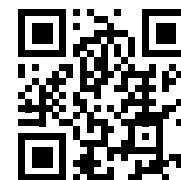
DPME-AV

DPM-AV

DPM-KS

- *Increased horizontal cutting length up to mm. 12.000*
- *Increased vertical cutting height up to mm. 2400*
- *TRK Suction Device, composed of hood positioned on the right side of the machine for the whole height, with rear intake vent, to optimize the suction system of the machine (standard on DPM-KS model)*
- *Motor Hp. 5,5 (Kw. 4)*
- *Special voltage (standard V. 400/50 Three-phase)*

Optional...



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TECHNICAL DATA ...	EASY-CUT	DPM	DPM-300	DPME	DPME-300	DPME-XL	DPME-500
Cutting Length, Standard (mm)	3200	4100	4100	4100	4100	5100	4100
Cutting Lenght, Optional (mm)	12000	12000	12000	12000	12000	12000	12000
Cutting Height, Standard (mm)	1600	2200	2200	2200	2200	2400	2200
Cutting Height, Optional (mm)	----	----	----	2400	2400	----	2200
Cutting Thickness (mm)	60/45 (45°)	60	80/100 (opt)	60	80/100 (opt)	80/100 (opt)	60
Movable Table	Manual	Manual	Manual	Automatic	Automatic	Automatic	Automatic
Engine Power HP (Kw)	Watt 1700	4 (3)	5,5 (4)	4 (3)	5,5 (4)	5,5 (4)	4 (3)
Engine Power, Optional HP (Kw)	----	5,5 (4)	----	5,5 (4)	----	----	5,5 (4)
Standard Voltage (Volt/Hz)	220/50	400/50	400/50	400/50	400/50	400/50	400/50
Special Voltage (Optional)	YES	YES	YES	YES	YES	YES	YES
Circular Blade Rotation Speed (RPM)	5500	5800	5800	5800	5800	5800	5800
Scoring Group Rotation Speed (RPM)	----	7800	----	7800	----	----	7800
Milling Cutter V-Grooving Rotation Speed (RPM)	----	----	----	----	----	----	----
Circular Blade Diameter (mm)	165	250	300	250	300	300	250
Circular Blade Scoring Group Diameter (mm)	----	125	----	125	----	----	----
Milling Cutter V-Grooving Diameter (mm)	165	----	----	----	----	----	----
Cutting & V-Grooving (Milling) System	YES (Optional)	----	----	----	----	----	----
TRK Suction System (Optional)	----	YES	YES	YES	YES	YES	YES
Scoring Group with circular blade HM	----	YES	----	YES	----	----	YES
Digital Display Horizontal and Vertical Cuts	----	YES (optional)	YES (optional)	----	----	YES (optional)	YES
Angled Cutting & V-Grooving Device	----	----	----	YES	YES	YES	YES
Tilting device for supporting small pieces to be cut	YES	YES	YES	YES	YES	YES	YES
Circular Blade Group Motorized Movement	----	----	----	----	----	----	----
Automatic Positioning System (OPS)	----	----	----	----	----	----	----
Control Panel with PLC and Touch-Screen	----	----	----	----	----	----	----
PC with Cutting Optimization Software	----	----	----	----	----	----	----
Panel Lifting System by Pliers	----	----	----	----	----	----	----
Lower Panel Supports with Metal Wheels	----	----	----	YES	YES	YES	YES
Overall Dimensions (cm) L x W x H	435x150x235	500x175x298	500x175x298	500x175x298	500x175x298	600x175x350	500x175x298
Weight (Kg)	350	600	600	700	700	800	700

ME-D	DPME-D-300	DPM-KS	DPME-AV	DPM-KS-AV	DPM-AV	CPME-2B	CPM-D2B	CPM-AV	CPM-KS
1100	4100	5100	4100	5100	5100 (3700)	4000	4000	4100	5100
2000	12000	12000	12000	12000	12000	12000	12000	12000	12000
2200	2200	2100	2100	2100	2100	2100	2100	2100	2200
2400	2400	----	----	----	----	2200	2200	2200	----
60	80/100 (opt)	60	60	60	60	24	24	24	24
Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
4 (3)	5.5 (4)	4 (3)	4 (3)	4 (3)	4 (3)	4 (3)	4 (3)	4 (3)	4 (3)
5 (4)	----	5.5 (4)	5.5 (4)	5.5 (4)	5.5 (4)	5.5 (4)	5.5 (4)	5.5 (4)	5.5 (4)
400/50	400/50	400/50	400/50	400/50	400/50	400/50	400/50	400/50	400/50
YES	YES	YES	YES	YES	YES	YES	YES	YES	SI
5800	5800	5800	5800	5800	500/4500	5800	5800	5800	5800
7800	----	7800	7800	7800	7800	----	----	----	----
----	----	----	----	----	----	5800	5800	5800	5800
250	300	250	250	250	250	230	230	230	230
125	----	125	125	125	125	----	----	----	200
----	----	----	----	----	----	200	200	200	YES
----	----	----	----	----	----	YES	YES	YES	YES
YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
YES	----	YES	YES	YES	YES	----	----	----	----
YES	YES	YES	YES	YES	YES	----	YES	YES	YES
YES	YES	----	----	----	----	YES	YES	YES	----
YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
----	----	----	YES	YES	YES	----	----	YES	----
----	----	----	----	----	YES	----	----	----	----
----	----	----	----	YES	----	----	----	----	----
----	----	----	----	----	YES	----	----	----	----
----	----	YES	----	YES	YES	----	----	----	YES
YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
175x298	500x175x298	600x175x298	500x175x298	600x175x298	600x175x298	500x175x298	500x175x298	500x175x298	600x175x298
700	700	1000	700	1100	1400	700	700	700	1000

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Vertical Panel Saws

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