

# ***Dynamic Line***

## ***Single-side edge banding Machine***

***Of-123.11 - Dynamic 4.5.E***

TO:



<b>OFFER NR.: Of-123.11</b>		Messrs.
<b>Date:</b>	28-04-2011	
<b>Your Ref.:</b>	Mr.	
<b>Our Ref.:</b>	ZV/dz	
Ref.		

**nr. 01 Edge Banding Machine mod. Dynamic 4.5.E**

**CE V. 415/3/50**

Especially designed for the application of veneer, PVC, ABS, melamine and solid wood strips from **0,4 mm** up to **5 mm** of thickness. The machine is composed as follows:



Pic. 21a

**Introduction steel fence (pic. 21a):**

heatable from 0° to 90° approx. with a thermometer; with heavy steel support for the panel



Pic. 23a

**Teflon Coated Lower glue pot (pic. 23a):**

with quick heating time (5-6 min.) Capacity of 3 lt. With granulated glue. The insertion of the unit is made by hand using the handle (pic. 24).



Pic. 24



Pic. 25b

Coils magazine installed.

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Coil support is Ø 650 mm.



**Vertical shear for cut the ABS and PVC up to 3 mm thick** and 64 mm width, with vertical movement and horizontal copying movement. The fonctionnement is electro-pneumatic (pic. 27e).

Pressure rollers zone composed by nr. 03 rollers. The first pressure roller is in steel and motorized (pic. 30). The other 2 idle rollers are with opposing degree tilt for a perfect pressing. This unit is equipped with the manual movement with a digital counters (pic. 27e).



Automatic adjustment of the top groups.



Control panel mounted at infeed end of the machine for operator convenience (Pic. 31d), 7" screen display operated in windows system.

This system can memorized programs by numerical of alfabetical mode, because the system is in windows. From the control is it possible

to select which unit and the way to work (ex.: the inclination of the end trimmer, of the edge trimmer or the insertion of the scraping unit). The the position of the pressure station, top pressure beam aren't memorizable. The system indicate also all the alarm and the possible failure of the system.

All our production are assembled right hand, is also possible to have the machine left hand just on demand.

CE standard security.

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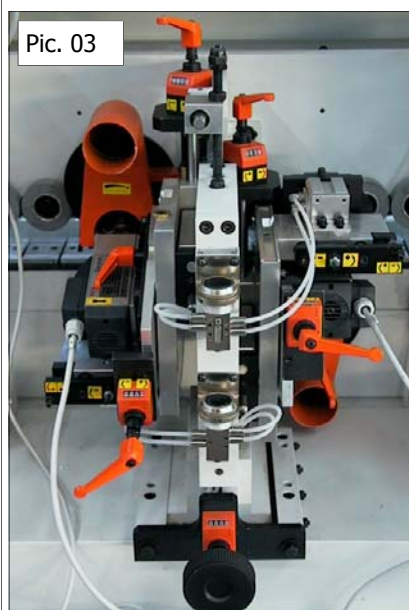
## WORKING UNITS



### Vertical end trimming (pic. 01):

with two 0,75 HP motors at 12,000 rpm, workpieces unit 70 mm minimum length (with max 3 mm edge thick) and up to 100 mm panel length (with edge thick from 3 mm up to 5 mm). The unit is inclinable from 0° to 15°, **the inclination is made pneumatically from the control board with a selector**. Tools details: nr. 02 circular blade Ø 85 mm.

Panel width: min. 08 mm. - max. 60 mm.  
Edge thick: max. 5 x 64 mm.



### PN 02 Inclinable edge trimming unit (pic. 03):

with two 0,75 HP motors at 12,000 rpm. Vertical and lateral tracers, dust extracion outlet Ø 80 mm. The unit is manually adjustable: is inclinable from 0° up to 20°. Is also equipped with **PN 02 pneumatic system used to have 2 position pre-setted for 0,6 mm and R=2 or R=3 selectable from the control board** (ex.: 0,6 mm, or **R=2 or R=3** mm edge thick). The unit is completed with 4 numerical counters for the vertical adjustment. The unit is equipped with combinate **R=2 or R=3** tools (this tools are med to work edge up to 5 mm wood made and **R=2 or R=3** mm radius ABS made). The exclusion/insertion of the unit is manually adjusted.

Panel width: min. 08 mm. - max. 60 mm.  
Edge thick: max. 0,4 - 5 mm.

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Pic. 05

**RPC Scraping unit (pic. 05):**

to remove and clean the knife marks. Vertical and horizontal tracers with nr. 02 tools **R=2 or R=3** for radius clean. **The exclusion/insertion of the unit is pneumatically controlled from the control panel.** Nr. 04 digital counters are installed on the unit for a precise adjustment of the lateral and vertical tracers. The liquid sprinkler help the cleaning operation taking off the excess of glue (pic. 05a), the dust outlet Ø 120 mm diameter and the chip box for separated aspiration system complete the unit option.



Pic. 05a



Pic. 11

On request we can install the **RCL Glue Scraper** (is include also a 300 mm basement lenght encrasement) **(pic. 11):**

to remove the eventually glue exceed remained on the edge. Vertical tracers and nr. 02 reverseble knives. On the unit we have installed two air blower used for the tools cleaning. The unit is equipped with **pneumatic On/Off positioning** controlled by the control board.

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**Gruppo Spazzolatore (pic. 06):**

con 2 motori da HP 0,4 a 3.000 g/1' per la pulizia dello spigolo del pannello. Il gruppo è dotato di nr. 02 dischi in stoffa Ø 100 mm..

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TECHNICAL DATA		DIMENSIONS	
Edge thick:	0,4 - 5 mm.	Length:	3.400 mm.
Min. panel lenght:	60 mm ca.	Width:	825 mm.
Installed power:	90 mm ca.	High:	1.380 mm.
Min. panel width:	7,5 Kw ca.	Weight:	1.150 Kg ca.
<b>Max panel thick:</b>	<b>60 mm ca.</b>		
Min panel thick:	08 mm ca.		
Working speed:	11* mt/1' approx 11* - 18** mt/1' approx		
Dust outlets:	Nr. 01 Ø 150 mm		
Volt:	400 V / 3 Ph / 50 Hz		
Pneumatic Operating Pressure:	6 ATM		

the 2 speeds (Optional):

\* With ABS and Massiv

\*\* Without ABS and Massiv