

VELOX - Horizontal drilling, glue injecting and dowel inserting machine

Horizontal Bore, Glue, and Dowel machine is a numerically controlled machine to drill, glue and insert dowels on horizontal pieces with FOUR loading zones.



- CNC X axis
- List manager
- Serial line for barcode
- Laser device to detect panel length
- Pieces drawing
- USB port for big programs storage
- Up to 20 variable
- List manager with multiprograms
- Parametric programming with working list
- Programming table with Drill - Glue - Dowel flag

Maximum width of workpieces	1300 mm or 650 mm x2
Height of workpieces	10 - 40 mm
Machine voltage & full load amps	220V 3Ph+N 60Hz & 15 A
Air pressure	7 Bar
Compressed air volume	7 CFM
Dust extraction port & volume	Ø 60mm x1 & 30m/s
Machine weight	900 kg
Dowel insertion unit	1 unit
Dowel dimension & projection	8x 30/40 std & 14mm
Gluing tank capacity & glue density	8 Lt & 900 cps
Machine dimensions (W x D x H)	2187 x 1407 x 1837 mm

RAPTOR - Horizontal drilling, glue injecting and dowel inserting machine

Horizontal Bore, Glue, and Dowel machine is a numerically controlled machine to drill, glue and insert dowels on horizontal pieces with FOUR loading zones.



- CNC X axis
- List manager
- Serial line for barcode
- Laser device to detect panel thickness & length
- Open frame with sinking central fence allows machining of panels between 1300+ mm up to 2600mm long in two operations *
- Pieces drawing
- USB port for big programs storage
- Up to 20 variable
- List manager with multiprograms
- Parametric programming with working list
- Programming table with Drill - Glue - Dowel flag

Maximum width of workpieces	1300 mm or 650 mm x2 *
Height of workpieces	10 - 40 mm
Machine voltage & full load amps	600V 3Ph+N 60Hz & 4 A
Air pressure	7 Bar
Compressed air volume	9 CFM
Dust extraction port	Ø 60mm x1 & 80mm x1
Dust extraction volume	30 m/s
Horizontal drilling units / drill speed	2 units / 6000 rpm
Horizontal drilling unit / drill speed	1 unit / 4500 rpm
Dowel insertion unit	1 unit
Dowel dimension & projection	8x 30/40 std & 14mm
Gluing tank capacity & glue density	8 Lt & 900 cps
Machine dimensions (W x D x H)	2755 x 1585 x 1980 mm

INSERT PEANUT PTD - Horizontal drilling, glue injecting and inserting machine for Peanut 2 & 3 and Dowels

Horizontal Bore, Glue, Peanut insertion machine, numerically controlled and specifically studied to drill and insert Peanut 2 & 3 hardware, and dowels.

- CNC X axis
- List manager
- Serial line for barcode
- Open frame with sinking central fence allows machining of panels between 1300+ mm up to 2600mm long in two operations *
- Z axis - 60mm working area
- 2 vibrator hoppers - 1 peanut & 1 dowel
- List manager with multiprograms
- Parametric programming with working list
- Programming table with Drill - Glue - Insert flag
- Parametric programming

Maximum width of workpieces	1300 mm or 650 mm x2 *
Height of workpieces	10 - 60 mm
Machine voltage & full load amps	600V 3Ph+N 60Hz & 4 A
Air pressure	7 Bar
Compressed air volume	9 CFM
Dust extraction & volume	Ø 60mm x1 & 30m/s
Z axis working area / travel speed	60mm / 15 m/min
Horizontal drilling units / drill speed	2 units / 6000 rpm
Horizontal drilling unit / drill speed	1 unit / 4500 rpm
Peanut & dowel insertion units	1 peanut & 1 dowel
Gluing tank capacity & glue density	8 Lt & 900 cps
Machine dimensions (W x D x H)	2755 x 1638 x 1980 mm

