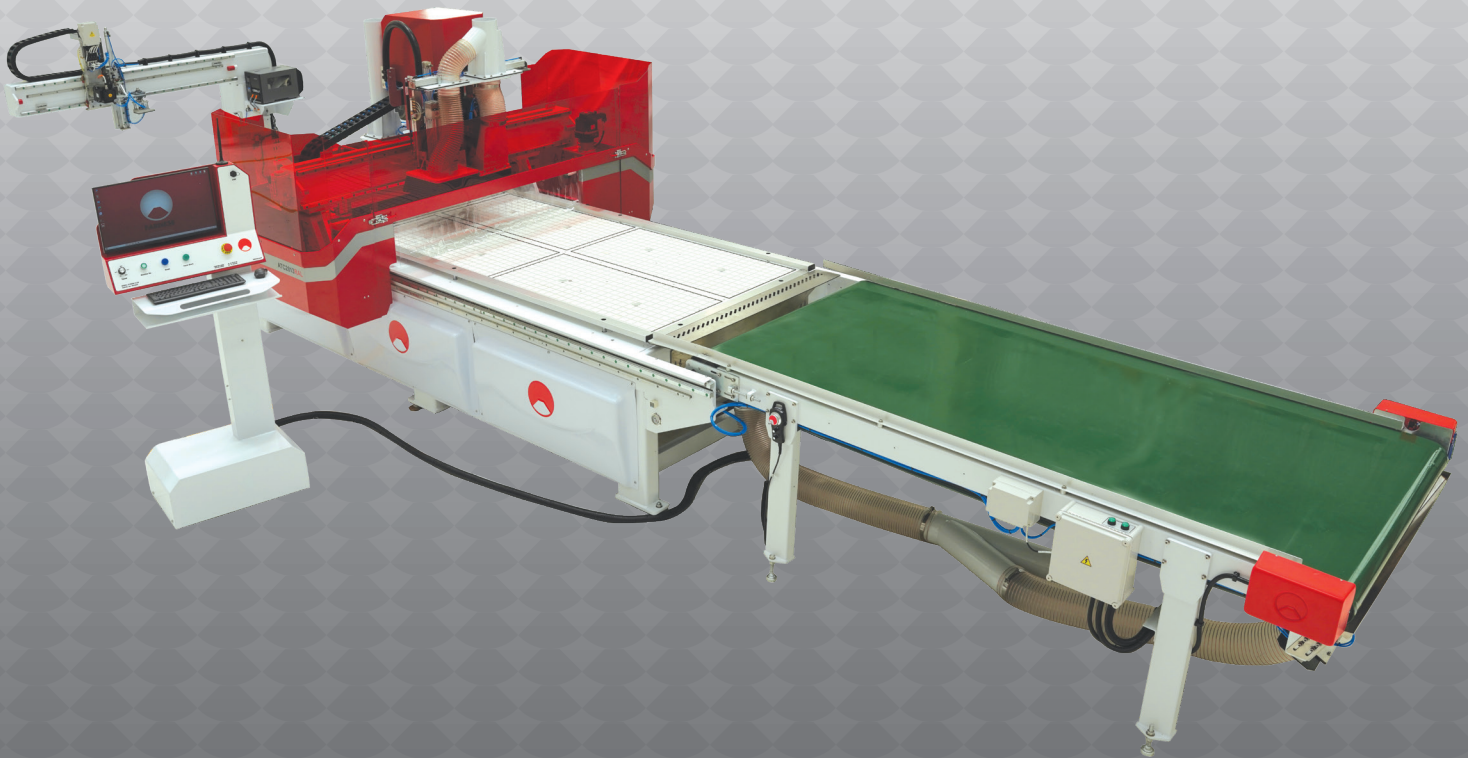


FUSION PLUS ATC 28/13SR CNC ROUTER



DESIGN FEATURES

GANTRY STYLE MACHINING CENTER FOR PROCESSING SOLID WOOD MDF/PARTICLE BOARD
PLASTICS ALUMINUM AND COMPOSITE MATERIALS

HIGH PERFORMANCE HSD SPINDLE AND DRILLING HEAD

SERVO ROTARY TOOL CHANGER

HEAVY DUTY SOLID STEEL MACHINE FRAME CONSTRUCTION

TWO VACUUM PUMPS

TABLE SWEEPER/PUSHER

OPTIONS

AUTOMATIC STICKER APPLICATOR

AUTOMATIC MATERIAL LOADING

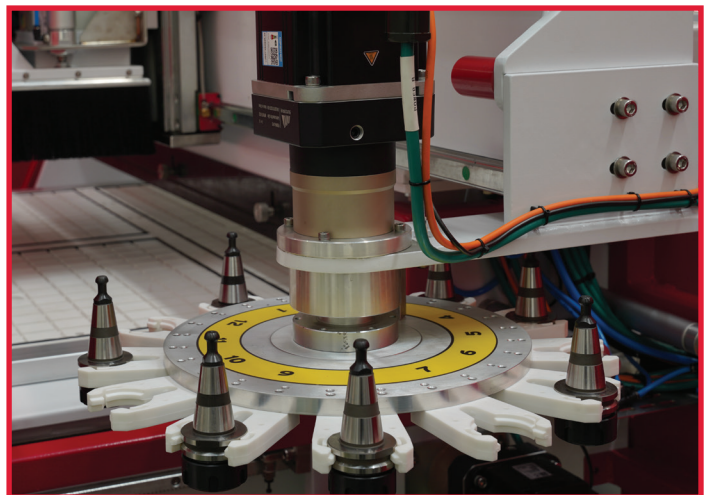
FUSION PLUS ATC 28/13SR CNC ROUTER



SPINDLE/DRILLING HEAD

High precision heavy-duty 9kW (12.0Hp) HSD router with internal cooling fan and ISO30 collet.

HSD 9 position Drilling head. Manufactured in Italy



SERVO ROTARY TOOL CHANGER

12 Position Rotary tool changer

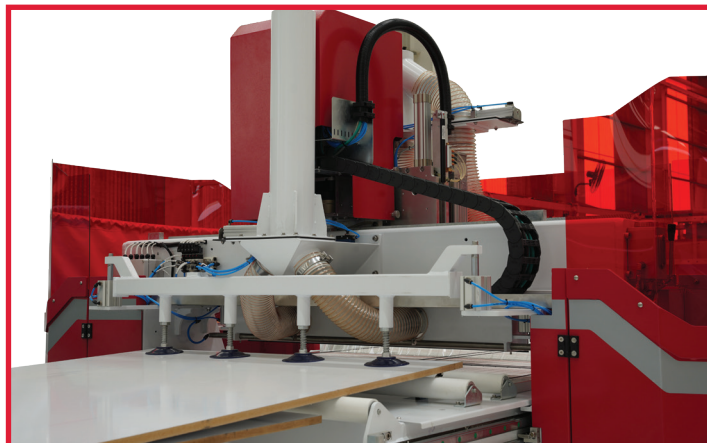
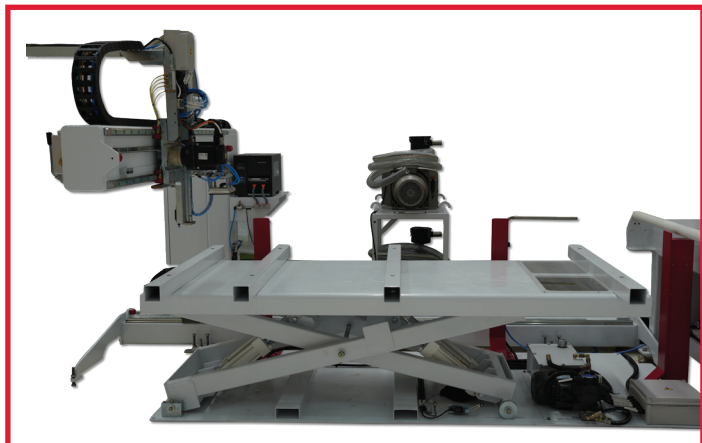
PC CONTROL

On-board PC with user friendly Windows 11 operating system. Network interface facility for file sharing. File format for the controller software configured in* .NC.

OPTION 1

AUTO LOADER

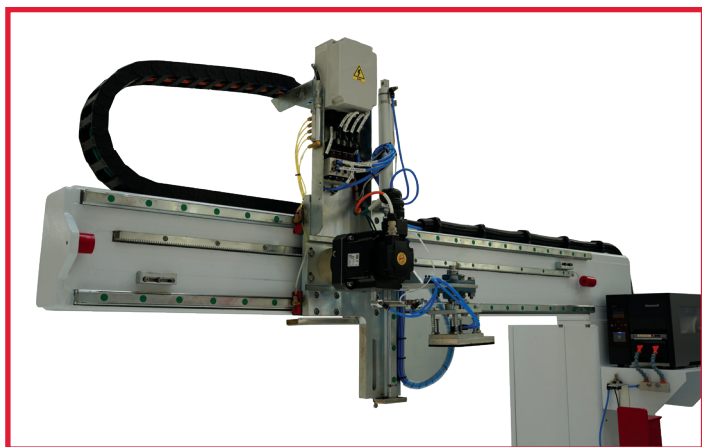
The loader Vacuum cups mounted to the CNC bridge loads the board onto the CNC. The hydraulic table lifts the board to the correct height for the CNC



OPTION 2

AUTO LABELING

The label unit applies the part stickers using a honneywell laser printer.



OPTION 3

PUSHER/ SWEEPER

BELT OFF FEED TABLE

The Pusher Arm pushes the processed parts onto the belt table at the same time as vacuuming the table.

The off feed table allows the machine to continue cutting the next board as you unload the previous sheet



FUSION PLUS ATC 28/13SR CNC ROUTER

TECHNICAL SPECIFICATIONS

STROKE

X – Axis	1300 mm
Y – Axis	3200 mm
Z – Axis	200 mm

TABLE SIZE

2800x1220 mm

MAX. FEED SPEED

X,Y – Axis	58m /min
Z – Axis	5m /min

SPINDLE HEAD

HSD ES951 IS030	12 tools, 24,000rpm Max
HSD Drilling head	9 drill position

TOOL SHANK DIA

For Router Bit	25 mm Max
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MOTOR POWER

AT Head	9kw (12 HP)
Vacuum Pump 320bm/hr	5.5 kw (7.5hp) x 2

NC CONTROLLER

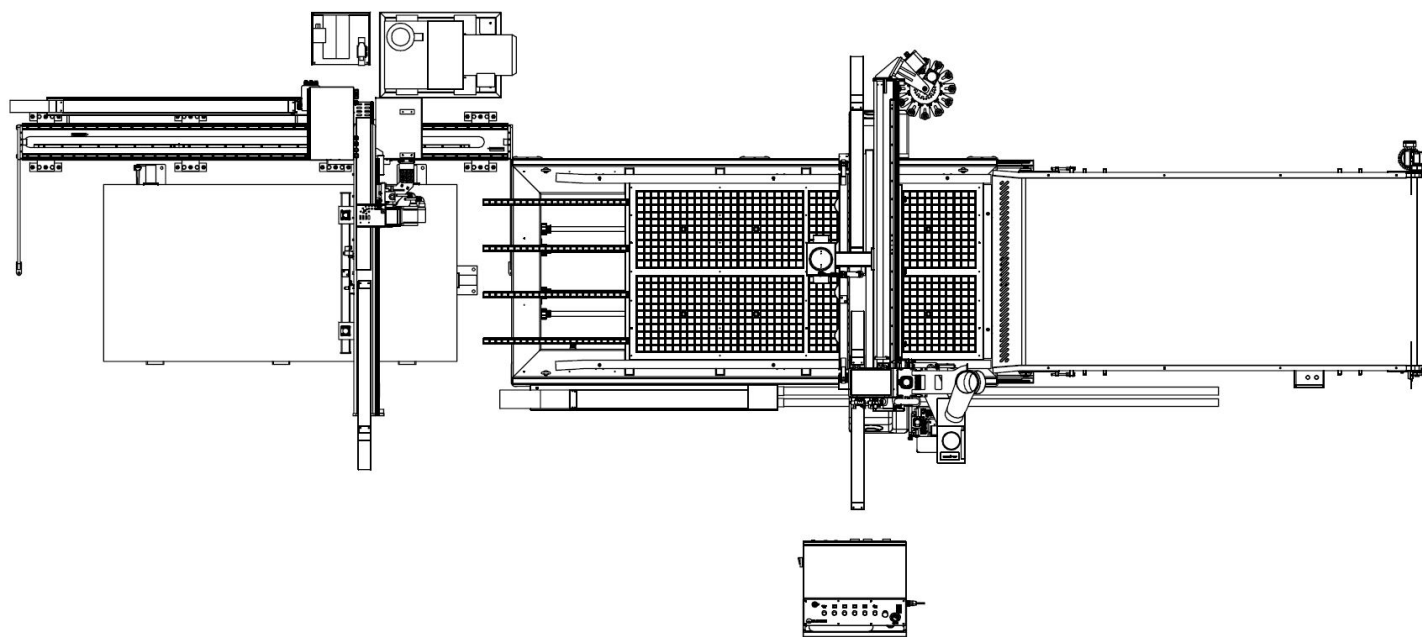
Osia CNC

DIMENSIONS

Floor Area	10.8x3 m
Height	1850 mm
Weight	3500 kg

TOTAL CONNECTED LOAD

15 kw / 28amp



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