

FUSION

For wood and aluminium work

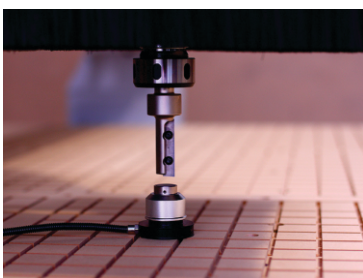


The FUSION 2513 is a machining centre for processing solid wood, MDF/particle board panels, plastics, aluminium and composite materials.

This machine has a robust solid steel frame and three spindles, the main spindle is 4.5kW (6.0hp) high precision heavy-duty with an internal cooling fan and ER32 collet, plus a two sided 1.5kW (2.0hp) heavy duty precision spindle with an internal cooling fan and ER20 collet or can be equipped with a robust automatic tool changer spindle plus linear or rotary tooling magazine with 12 positions.



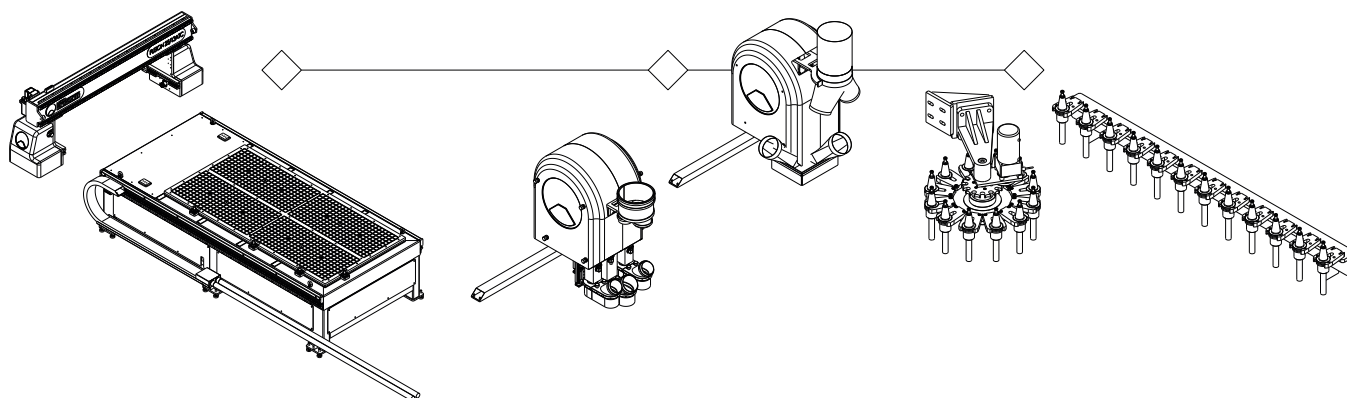
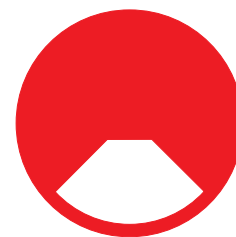
On the phenolic table top there are 4 individually controlled vacuum zones and the table surface has a gasket matrix configuration, allowing various vacuum options e.g. spoilboards and jigs. The vacuum for the table is produced by two 5.5 kW (7.5hp) rotary vane vacuum pumps. These two pumps displace 280m³ per hour. The table is fitted with five heavy duty pneumatically activated locator stops, with the precise and effortless positioning of each work piece assured. The integrated sensor pad allows the operator to quickly and accurately calibrate each tool, which is automatically stored in the tool offset file.



Other table sizes and options available, made to order.

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DIMENSIONS OF INSTALLED MACHINE	METRIC	IMPERIAL
WIDTH	1900 mm	74.8 in
LENGTH	2800 mm	110.2 in
HEIGHT	2100 mm	82.7 in
WEIGHT	1800 kg	3960.0 lb

TECHINICAL SPECIFICATIONS

MAX SIZE OF SLAB*

WIDTH	1250 mm	49.2 in
LENGTH	2450 mm	96.5 in

FEATURES & FEEDS

X STROKE (CROSS TRAVEL STROKE)	1250 mm	49.2 in
Y STROKE (LONG TRAVEL STROKE)	2450 mm	96.5 in
Z STROKE (HEAD UP AND DOWN)	200 mm	7.9 in
AIR PRESSURE (WORKING)	7 bar	102 psi
AIR PRESSURE (CONSUMPTION)	350 l/min	92.5 gpm
WATER (CONSUMPTION)	0 l/min	0.0 gpm
MAGAZINE	OPTIONAL 12 POS	OPTIONAL 12 POS
VACUUM TABLE	YES 4 ZONES	YES 4 ZONES
VACCUM GENERATOR	YES	YES
SIDE STOPPERS	YES	YES
AUTOMATIC GREASING	YES	YES
LASER CUTTING GUIDE	NO	NO
COMPUTER CONTROLLED SHAPE NEST	YES	YES
MICROSOFT WINDOWS COMPATIBLE	YES	YES
AUTOMATIC TOOL CHANGER	OPTIONAL	OPTIONAL
HANDWHEEL	NO	NO
MAIN SPINDLE POWER	4.5 kW	6.1 hp
MAIN SPINDLE SPEED (MIN & MAX)	1000 rpm	18000 rpm
SIDE SPINDLE POWER	1.5 kW	2.0 hp
MAIN SPINDLE SPEED (MIN & MAX)	1000-18000 rpm	1000-18000 rpm
POWER REQUIRED	400V 3ph 50Hz	208V 3ph 60Hz
	20A + Neutral	40A

*CONNECTIONS REQUIRED (SUPPLIED BY CUSTOMER)

POWER, WATER, COMPRESSED AIR.

*TOOLING | CONSULT YOUR LOCAL FARNESE DEALER FOR ANY TOOLING REQUIRED.

