



RADIAL ARM SAW UNIVERSAL

## UNIVERSAL RADIAL SAW



The US.30 universal radial saw is designed to cut large sections (510x210 mm) in combination with blade tilting (from +30° to +120°) and arm rotation (from +30° to +150°). The addition of an electronic side stop makes the universal radial saw a true carpentry cutting centre.

All machine movements (tilt, rotation, blade advance and electronic side stop) are managed by a top-of-the-line software program.

The automation logic is based on BECKHOFF's TwinCAT software. The software features a straightforward and intuitive interface based on a "touch screen" monitor to program and configure the

machine and it is also able to directly import files in .BTL format (version 10.4)

(Warning: only the PROCESSKEYs supported by the machine will be imported and managed).

The machine control optimises processing to reduce waste and improve efficiency.

The machine is equipped with a 10.1-inch BECKHOFF PC Panel and a 1024x600 touch screen.

The PC Panel is approved for temperatures ranging from 0° to 55°C, the front panel has an IP54 protection class and the rear box an IP20 protection class. The Ethernet dual interface guarantees integration with a local network (LAN) via an RJ-45 cable.

## US30/MX



PREARRANGEMENT FOR COMBINATION WITH THE "ELECTRONIC SIDE STOP"



Example of a compound cut



Intake vents



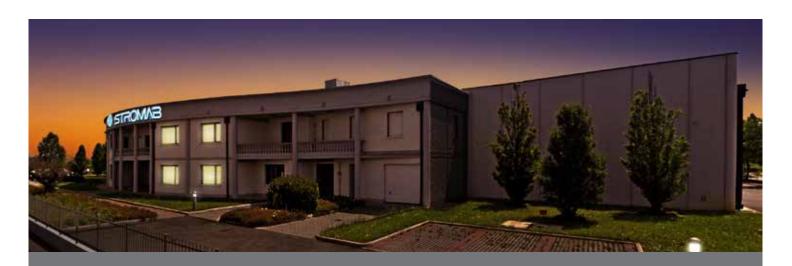
Movement with linear guides



## US30 UNIVERSAL RADIAL SAW

Motor	kW	5.5 – Volt 400 / 3 / 50 Hz
Total weight	Kg	900
COMPLETE WITH:		
Widia blade	ø mm	550, F30
Blade speed	RPM	2800
Cutting speed	m/sec	80
Horizontal axis - Rotation		from +30° to +150°
Vertical axis - Tilt		from +30° to +120°
Automatic rotation and tilt managed by programmer on board the machine		
1 m roller table, 90 mm diameter rollers on the right of the blade	No.	1
1 m roller table, 90 mm diameter rollers on the left of the blade	No.	1
Vertical pneumatic clamp	No.	2
No. 3 intake vents	ø mm	120

CUTTING CAPACITY:		
Cutting capacity at 90°	mm	510
Cutting capacity at 120° in rotation	mm	435
Cutting capacity at 45° in rotation	mm	350
Cutting capacity at 30° in rotation	mm	255
Cutting height at 90°	mm	210
Cutting height at 60° tilt:	mm	165 per 90° angle in rotation
Cutting height at 45° tilt:	mm	130 per 90° angle in rotation
Cutting height at 30° tilt:	mm	80 per 90° angle in rotation





## **STROMAB SPA**

42012 CAMPAGNOLA EMILIA (RE) Italy Via Zuccardi 28/a - Z.I. Ponte Vettigano Tel. (0522) 1933300 - Fax (0522) 1933361 info@stromab.com - www.stromab.com