



automatic multiblade rip saw

High performance multiblade rip saw
designed to be really safe.

class m 3



automatic
multiblade
rip saw
class m 3



		class m 3
Max. saw blade diameter	mm	350
Saw blade sleeve diam. (blade bore)	mm	70
Max. width of blades pack	mm	300
Minimum work piece length	mm	390
Continuously adjustable feed belt speed	m/min	6 ÷ 48
Three-phase motor power starting from	kW/Hz	18,5 (22) / 50 (60)
<i>Find the complete technical specification at page 87</i>		



Bars
ease-of-use and safety



Feed Belt
precise and effective



Saw Blade Shaft Sleeve
rapidity and effectiveness

Practical, accurate,
reliable and above all safe.

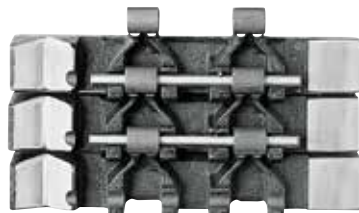
class m 3 operating groups



ease of use and safety

Anti-kickback finger barriers

The SCM multiblade rip saw is equipped with 4 anti-kickback finger barriers: three top and one bottom and a chip deflector screen between the three top barriers.



precise and reliable

Feed belt

The class m3 has an extremely substantial feed belt which is directly driven through its robust belt links. Unwanted movement of saw blade shaft sleeve is prevented by the aggressive surface of the feed belt and the 4 pressure rollers (2 in front and 2 behind the blades). These advanced features ensure maximum straightening and excellent cutting quality, minimizing the quantity of stock removal in successive machining.



practical and easy to use

Set up

Setting up operations can be carried out rapidly: the adjustment of spindle, pressure rollers and feed speed is carried out by hand wheels according to graduated scale and direct reading. The infeed fence is fitted with self-locking lever which can be operated single-handed. The centralized control panel is equipped with ammeter to enable operator to obtain maximum output without motor stress.



quick and effective

Saw blade shaft sleeve

It can be quickly fitted into spindle and easily locked with a special key. The conical coupling of the saw blade shaft sleeve with the base of spindle ensures longer blade life and higher output.

Laser

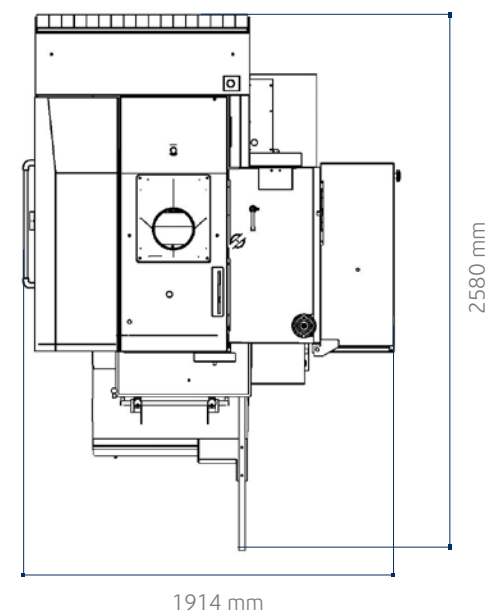
Laser beam cutting line reference.

Some typical uses:

- extraction of irregular planks, without using fences
- selection of clear parts of planks with knots and fissures (option).



class m 3 dimensions and technical data



- Standard
- Option

		class m 3
Max. saw blade diameter	mm	350
Min. saw blade diameter	mm	200
Saw blade sleeve diam. (blade bore)	mm	70
Keys dimensions on the saw blade sleeve	mm	20 x 5
Blades rotation speed	rpm	4200
Max. width of blades pack	mm	300
Feed belt width	mm	300
Minimum work piece length	mm	390
Work table dimensions	mm	1530 x 950
Worktable height from floor	mm	750
Distance between base and first blade on right part	mm	200
Continuously adjustable feed belt speed	m/min	6 ÷ 48
other technical features		
Three-phase motor 18,5 kW (25 hp) 50 Hz - 22 kW (30 hp) 60 Hz		S
Three-phase motor 25 kW (30 hp) 50 Hz - 30 kW (42 hp) 60 Hz		O
Three-phase motor 37 kW (50 hp) 50 Hz - 44 kW (60 hp) 60 Hz		O
Feed belt motor power at 50 Hz (a 60 Hz)	hp	1,5 ÷ 2 (1,8 ÷ 2,4)
Exhaust hoods diameter:		
- for blades	mm	200
- for feed belt	mm	120



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