automatic multiblade rip saw class m 3

		class m 3
Max. saw blade diameter	mm	350
Saw blade sleeve diameter (blade bore)	mm	70
Max. width of blades pack	mm	300
Min. 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)

Find the complete technical specification at page 29

Barriers
reliability and safety

Feed Belt
accuracy and efficiency

Saw Blade Shaft Sleeve
rapidity and effectiveness

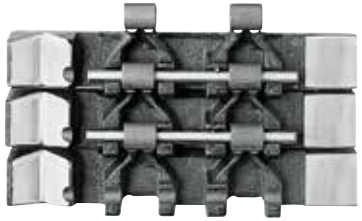
Practical, accurate,
reliable and above all safe.

class m 3
operatig groups and main devices

reliability 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.



accuracy and efficiency

Feed belt

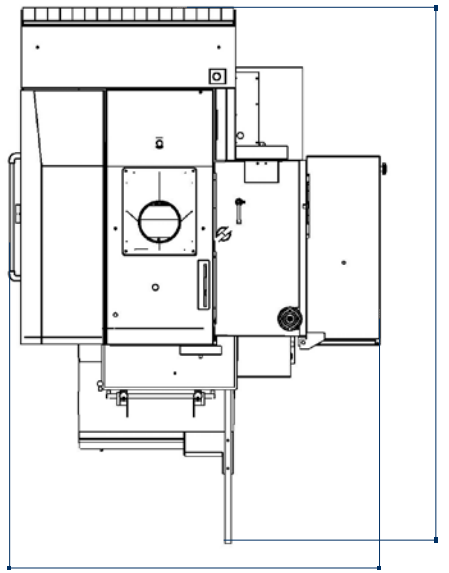
The machine has an extremely substantial feed belt which is directly driven through its robust belt links. Unwanted movement of saw blade shaft sleeve is prevented by the aggressive surface of the feed belt and the 4 pressure rollers (2 in front and 2 behind the blades). These advanced features ensure 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 selflocking 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.

class m 3 technical data



S Standard
O Option

TECHNICAL DATA		class m 3
Max. saw blade diameter	mm	350
Min. saw blade diameter	mm	200
Saw blade sleeve diameter (blade bore)	mm	70
Keys dimensions on the saw blade sleeve	mm	20 x 5
Blader rotation speed	rpm	4200
Max. width of blades pack	mm	300
Feed belt width	mm	300
Min. work-piece length	mm	390
Worktable dimensions	mm	1530 x 950
Worktable height from the floor	mm	750
Distance between base and first right blade	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 (at 60 Hz)	hp	1,5 ÷ 2 (1,8 ÷ 2,4)
Exhaus hoods diameter:		
- at the blades	mm	200
- at the feed belt	mm	120

rapidity and effectiveness

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)