

Bandsaws

TechSoft Minimax Bandsaws

High Quality Bandsaws, Ideal for Educational Use



The Essential Machine

If there's one power saw a busy workshop can't live without then it's a good bandsaw. A good machine will be solidly built, have a positive feel when setting up, and hold its settings to preserve accuracy.

TechSoft and SCM – Global Quality, Local Support

There is no shortage of makes and models to choose from these days, but not all machines are the same and even 'trusted brands' will not necessarily possess the quality that their badge suggests. To give schools and colleges the quality of machine they need at an affordable price, TechSoft are delighted to have entered into a partnership with the Italian company SCM for bandsaws and, indeed, our full range of woodworking machinery. SCM have been established for over 50 years and are now global leaders in the design, manufacture and supply of production machinery for all sectors of the furniture and construction industry. Products range from huge CNC-controlled machines for mass production, to the Minimax range of traditional machines for workshops, schools and colleges. All machines are built to the highest standards at SCM's state-of-the-art plant in Rimini, and all undergo rigorous quality procedures to ensure years of reliable service. In the UK, SCM's large and well established facility in Nottingham provides the assurance of speedy, and dedicated, service and support should it be needed.

Why Do I Need a Bandsaw?

Nothing beats a bandsaw for versatility. With the right blade you can cut any timber, most plastics, and even aluminium. Cuts can be straight, curved or angled in any plane. Bandsaws will tackle deeper cuts than most saws so it is quite possible to 'deep-rip' wide boards into matching thinner boards, or even mill your own planks from heavier stock. Because blades are comparatively thin, the kerf (or cut-width) is thin so less of your precious material ends up as sawdust, and there is less waste for an extraction system to deal with. SCM bandsaws are built to high standards with secure blade-guide systems, rigid construction and solid, accurately machined castings. Using the fences and guides provided, they will achieve results every bit as accurate as a circular saw although (as with any bandsaw) the sawn surface will need attention to remove the fine saw marks.

Choosing the right Bandsaw

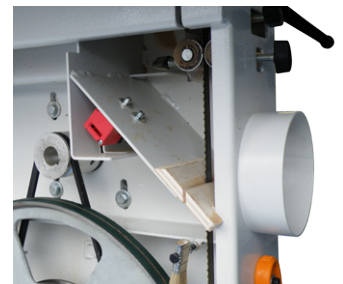
By choosing a TechSoft Minimax bandsaw you can have confidence in knowing that your machine will perform superbly in all the applications outlined. Capacity is important and both our models are likely to have more than enough cut-depth. Throat depth is more of an issue and this will dictate cross-cut capacity which in turn largely governs the physical size of the machine. If a circular saw is available then the S45NE bandsaw will probably be all that is needed to deal with trimming and re-sawing in the classroom. The heavier-duty S400PE machine will be a better bet if basic timber preparation (including milling boards) is anticipated.

Generous blade guides with fine adjustment and positive locking.



Tilting cast-iron work table with heavy-duty rip fence

Extraction port with internal baffle to maximise efficiency.



Heavy cast-iron bandwheels running on high quality, sealed for life, bearings.

TechSoft Minimax S45NE

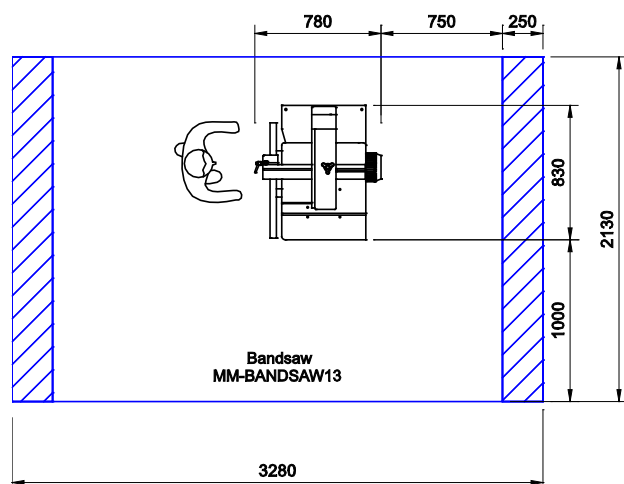


The ideal machine for re-sawing basic stock and all general-purpose use in the classroom or Preparation Room. The S45NE is widely respected in professional joinery and cabinet-making workshops, and features a level of sturdiness and build-quality that sets it apart from other machines in its class. Cast iron bandwheels and precision upper and lower blade guides eliminate 'wander' to ensure accurate cuts both against the fence and through the material. An extruded aluminium rip fence, mitre fence, key and foot-stop switches and automatic braking are supplied as standard with this machine.

Specification	
Table Size:	600 x 520mm
Table Tilt:	0° to 20°
Throat Width:	440mm
Clearance Height:	300mm
Blade Width:	6 - 25mm
Motor:	1 Phase: 1.8kW (2.5hp) 3 Phase: 2.2kW (3hp)
Weight:	200kg
Dimensions:	830(W) x 780(D) x 1860(H)mm
Power Requirements:	415V 2.2kW or 240V 1.9kW Fused switch-disconnector
Warranty:	UK Mainland: 1 Year On-Site Elsewhere: 1 Year Return and Collect

CAD Drawing (with Safe Working Area)

Available on request in DXF, DWG & DTD (2D Design) formats. See page 10.



TechSoft Minimax S400PE



The S400PE shares broadly similar specifications and identical safety features to the S45NE but features heavier-duty construction with a grooved table, mitre fence and a cast-iron rip fence. The S400PE will be the first choice for a preparation room where milling heavier stock is a routine requirement. It remains, however, an accurate general-purpose machine for re-sawing and trimming. The S400PE is designed for professional use and is the smallest in a series of larger capacity, industrial-rated bandsaws. If greater capacity is needed then TechSoft will be happy to discuss your requirements.

Specification	
Table Size:	620 x 450mm
Table Tilt:	0° to 20°
Throat Width:	380mm
Clearance Height:	400mm
Blade Width:	10 - 30mm
Motor:	1 Phase: 1.5kW (2hp) 3 Phase: 1.5kW (2hp)
Weight:	200kg
Dimensions:	830(W) x 610(D) x 1915(H)mm
Power Requirements:	415V 1.5kW or 240V 1.5kW Fused switch-disconnector
Warranty:	UK Mainland: 1 Year On-Site Elsewhere: 1 Year Return and Collect

Prices £*

*See Pricing Information on page 2

MM-BANDSAW13KFT	TechSoft S45NE Bandsaw 3 phase <i>(includes Key Switch + Emergency Foot Stop)</i>	
MM-BANDSAW13KFS	TechSoft S45NE Bandsaw 1 phase <i>(includes Key Switch + Emergency Foot Stop)</i>	
MM-BANDSAW18KFT	TechSoft S400PE Bandsaw 3 phase <i>(includes Key Switch + Emergency Foot Stop)</i>	
MM-BANDSAW18KFS	TechSoft S400PE Bandsaw 1 phase <i>(includes Key Switch + Emergency Foot Stop)</i>	

Essential Extras

Extraction is essential when using a bandsaw. We offer a range of extractors to suit all budgets/requirements.

[Centralised Vac Extraction System, see page 186.](#)

CUSTOM-CVAC	Centralised Vac Extraction System.	
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[Fixed Local Extraction System, see page 187.](#)

MM-EXTRACT102P	TS102 Extractor with attachment fittings for Floor Standing Bandsaw <i>(manual switch)</i> . Please specify whether 1 phase or 3 phase is required.	
MM-SWITCH10	Auto-switched upgrade for fixed extractor <i>(fitted to machine at time of purchase)</i>	

[Mobile Extraction System, see page 189.](#)

MM-EXTRACTION70P1	Minimax Dust Extractor with Attachment Fittings. Please specify whether 1 phase or 3 phase is required.	
MM-SWITCH7	Integrated auto-switched socket for Minimax Dust Extractor <i>(fitted to machine at time of purchase)</i>	