

# Bandsaws

## TechSoft Minimax and Formula Bandsaws

### High Quality Bandsaws, Ideal for Educational Use



### 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

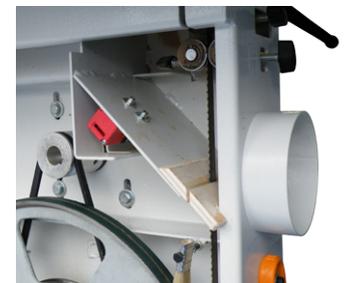
By choosing a TechSoft Minimax or Formula bandsaw you can have confidence in knowing that your machine will perform superbly in all the applications outlined. Capacity is important and both our models are likely to have more than enough cut-depth. Throat depth is more of an issue and this will dictate 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 S440PE 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.

### 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 and Formula 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 speed, and dedicated, service and support should it be needed.

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### TechSoft Minimax S45NE

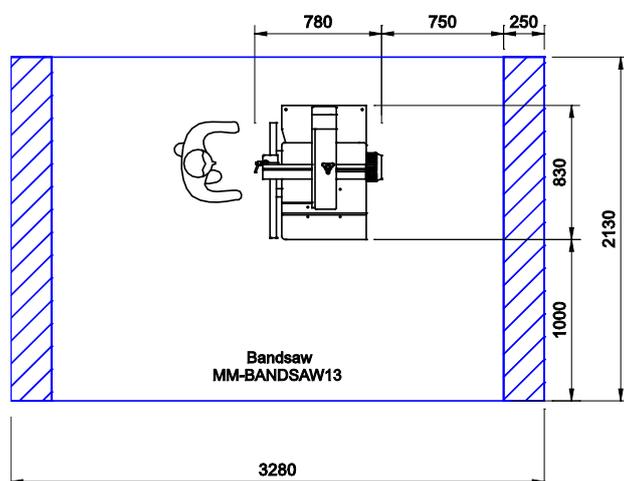


The ideal machine for re-sawing basic stock and all general-purpose use in the classroom or Preparation Room. The S45NE is widely respected in professional joinery and cabinet-making workshops, and features a level of sturdiness and build-quality that sets it apart from other machines in its class. Cast 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
Electromagnetic Braking:	No
Motor:	1 Phase: 2.2kW (3hp) 3 Phase: 3kW (4hp)
Weight:	200kg
Dimensions:	830(W) x 780(D) x 1860(H)mm
Power Requirements:	415V 3kW or 240V 2.2kW Lockable rotary isolator
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 Formula S440PE



The S440P 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. The machine features a grooved table and mitre fence for angle cutting and the motor features an electromagnetic braking system, ensuring that it stops within 10 seconds even if there is a loss of power, making the machine ideal for classroom environments where use of the main emergency stop circuit cuts power to all the machinery. A cast iron rip fence and key and foot-stop switches are supplied as standard with this machine.

Specification	
Table Size:	420 x 578mm
Table Tilt:	0 - 20°
Throat Width:	425mm
Clearance Height:	440mm
Blade Width:	6 - 30mm
Electromagnetic Braking:	Yes
Motor:	1 Phase: 1.5kW (2hp) 3 Phase: 1.5kW (2hp)
Weight:	200kg
Dimensions:	830(W) x 780(D) x 1860(H)mm
Power Requirements:	415V 1.5kW or 240V 1.5kW Lockable rotary isolator
Warranty:	UK Mainland: 1 Year On-Site Elsewhere: 1 Year Return and Collect

### Prices £\*

\*See Pricing Information on page 2

<b>MM-BANDSAW13KFT</b>	TechSoft S45NE Bandsaw 3 phase (includes Key Switch + Emergency Foot Stop)	
<b>MM-BANDSAW13KFS</b>	TechSoft S45NE Bandsaw 1 phase (includes Key Switch + Emergency Foot Stop)	
<b>MM-BANDSAW30KFT</b>	TechSoft S440PE Bandsaw 3 phase (includes Key Switch + Emergency Foot Stop)	
<b>MM-BANDSAW30KFS</b>	TechSoft S440PE Bandsaw 1 phase (includes Key Switch + Emergency Foot Stop)	

### 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.](#)

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

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

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

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