



Approx. 18" (460mm) throat! Extremely light magnesium saw arms for smooth operations and clean cuts.

2-speed Scroll Saw DS 460



1 Extremely important: A handy adjusting knob enables sensitive clamping of the saw blades!

Sturdy construction: Vibration-reducing base housing of cast steel, neatly CNC-processed and powder-coated. For stability and working without vibrations.

Magnesium saw arms precisely mounted on bearings: Extremely light and firm with a slender-shaped cutting area for an clear view of the work piece. Chip blowing device with adjustable nozzle. Additional suction connection to connect a vacuum cleaner.

Large saw table made of die-cast aluminum 400 x 250mm (16" x 10"). For easier saw blade replacement, it can be unlocked and pushed back. Regular scroll saw blades are fastened by saw blade holders with high clamping force: This ensures true alignment in the saw arm! The machine has also been prepared for saw blades with pin ends that are used without blade holders. Extremely important for these types of scroll saws: A handy adjusting knob enables sensitive clamping of the saw blades!

Table angle adjustment possible from -5° to 50°. Cutting performance in wood 65mm (2 1/2"), in non-ferrous metals (depending on type) 10 - 15mm (3/8" - 5/8"). Also easily cuts Plexiglas, glass fibre reinforced plastic, foam, rubber, leather or cork. Includes 5 each coarse and fine saw blades.

Technical data:

Volts	110 - 120V AC, 50/60Hz
Motor	190W powerful brushless 2-speed motor
Speeds	800 or 1,700 strokes/min.
Stroke Length	19mm (3/4")
Throat	460mm (18 2/16")
Cutting Depth	65mm (2 1/2"), 32mm (1 1/4") at 45° angle
Overall Dimensions	L 580mm (22 7/8") W 320mm (12 1/2") H 300mm (12")
Weight	20kg (44 lbs)

NO 37 094



See us on YouTube!

California Residents Prop 65 Information

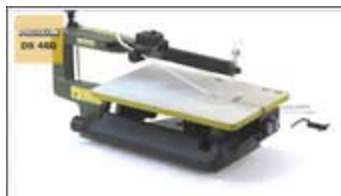
⚠ WARNING:

This product can expose you to chemicals including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Blade holders for DS 460 (one pair is already included with the machine)

For clamping regular saw blades with high clamping force: for true alignment of the saw arm.

NO 27 096 2 pieces



Video DS 460



Easy saw blade replacement without tedious fiddling by pushing back the table!

Innovative solution (patented): To enable easy saw blade replacement, the horizontally positioned table can be unlocked and pushed back by 80mm. For an unobstructed view of the bottom saw arm when fitting the saw blade holders or pin end blades.



Patented saw blade holders with high clamping force ensure true alignment of the saw blades. Recesses in the table surface serve as guide line in assembly to define position and distance of the saw blade holders.



Table angle adjustment possible from -5° to 50°. With large dimensioned serrations at 0°, 10°, 20°, 30° and 45°. Additional fine adjustment for precise mitre and angle cuts.

Note:

When cutting extremely hard work pieces (iron), the tothing in the contact area becomes worn relatively quickly. The upper part of the blade tothing can be used by increasing the work piece support surface.



The DS 460 is equipped with a suction connection with vacuum cleaner adapter. For dust-free and clean working.

Even the best machine's performance is limited, if saw blades of mediocre quality are used! Play it safe with PROXXON quality saw blades:

"Super-Cut" scroll saw blades without pins. 130mm (5.1").

For cutting hard and soft woods, plastic, Perspex and soft non-ferrous metal.



Coarse-toothed blades, No. 9: 14 TPI

NO 28 116 5.1" (130 x 1.50 x 0.48mm) 12 pieces

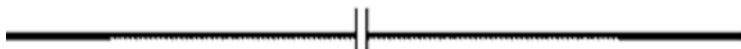
Standard-toothed blades, No. 5: 17 TPI

NO 28 117 5.1" (130 x 1.20 x 0.38mm) 12 pieces

Fine-toothed blades, No. 3: 34 TPI

NO 28 118 5.1" (130 x 0,77 x 0.34mm) 12 pieces

Hard materials such as steel and PERTINAX.



Standard-toothed blades, No. 5: 36 TPI

NO 28 112 5.1" (130 x 0.85 x 0.4mm) 12 pieces

Fine-toothed blades, No. 3: 41 TPI

NO 28 113 5.1" (130 x 0.75 x 0.36mm) 12 pieces

Very fine-toothed blades, No. 1: 50 TPI

NO 28 114 5.1" (130 x 0.6 x 0.3mm) 12 pieces

Spiral blade. 130mm (5.1") long with plain ends (without pins).



These blades cut all directions and obviate the turning of the workpiece (advantageous, especially with bigger workpieces). A 1.5mm (1/16") hole is required. Ideal for plastic, hard and soft woods.

NO 28 747 130 x 1.2mm (5.1") 12 pieces

Standard scroll saw blades with pin ends. 127mm (5").



Coarse-toothed (10 TPI)

For cutting soft and hard wood, plastics as well as other soft materials and especially thicker work pieces.

NO 28 741 5" (127 x 2.61 x 0.51mm) 12 pieces

Normal toothed (18 TPI)

For cutting thin materials, soft and hard wood as well as plastics.

NO 28 743 5" (127 x 1.86 x 0.24mm) 12 pieces

Fine-toothed (25 TPI)

For cutting non-ferrous metals, glass-fibre reinforced plastics, plastics, Plexiglas and wood.

NO 28 745 5" (127 x 1.76 x 0.25mm) 12 pieces