

Band Saw Machines



Starrett®

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Bench Band Saw Machine

S1101

Ideal for a small workshop or general use, the S1101 is capable of cutting thin wall tubes and structural sections up to 100 x 150mm diameter.

Specifications

DESCRIPTION	CODE
220V	S1101-F1
110V	S1101-B1

TECHNICAL CHARACTERISTICS					
POWER (hp/kW)	CUTTING SPEED (m/min. 50Hz)	CUTTING SPEED (m/min. 60Hz)	BLADE DIMENSIONS (mm)	MACHINE DIMENSIONS (m)	KG
0.5 / 0.37	45	54	13 x 1470 x 0.5	0.72a x 0.38b x 0.46c	23

	CAPACITIES (mm)	
	mm	mm
0°	100	100 x 150
45°	60	60 x 100

Use only for thin wall tubes and structural profiles.

Optional Extras:

Support bench - BPM1101
Sold separately.



Characteristics

- Manufactured with an injected aluminium bow for maximum strength and durability
- Compact and sturdy base
- Manual vice with quick grip system
- Extremely robust, and yet lightweight at only 23 kg
- Single phase motor
- Gravity feed, three feed pressure options
- Removable swarf box
- Easily accessible emergency stop button
- Automatic stop at the end of the cut
- Quick blade tensioning system
- Cut at 0 and 45 degree angles
- Dry cut, without lubrication
- CE compliant

Gravity Fed, Manual Band Saw Machine

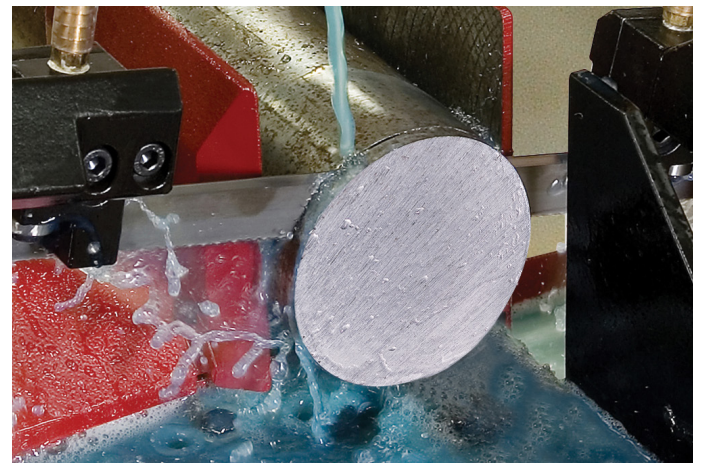
S3120* / S3220

The first in our range of gravity fed, manual band saw machines, the S3220 machine is capable of cutting up to a maximum capacity of 170mm, the S3120 machine can also cut at an angle of up to 60°.



S3220

ERGONOMIC HEIGHT



Specification

TECHNICAL CHARACTERISTICS - S3120 S3220						
THREE PHASE	POWER (hp/kW)	MOTOR FREQUENCY (Hz)	BLADE SPEED (m/min)	BLADE DIMENSIONS (mm)	MACHINE DIMENSIONS (m)	KG
220-230V or 380-400V	1.0 / 0.75	50 or 60	35 and 70	19 x 2110	1.20a x 0.45b x 1.61c	155

S3120 - CAPACITY (mm)			
Angle	Capacity (mm)	Capacity (mm)	Capacity (mm)
0°	170	170 x 170	95 x 210
45°	120	100 x 100	-
60°	70	60 x 60	-

S3220 - CAPACITY (mm)			
Angle	Capacity (mm)	Capacity (mm)	Capacity (mm)
0°	170	170 x 170	95 x 210

Characteristics

- Manual, gravity fed machine
- Cast iron bow
- Combined guides with bearings
- Cooling pump
- Dynamometric blade tensioning system
- Two cutting speeds
- Vice with quick holding system
- Cleaning brush
- Control panel (internal voltage 24V)
- CE compliant

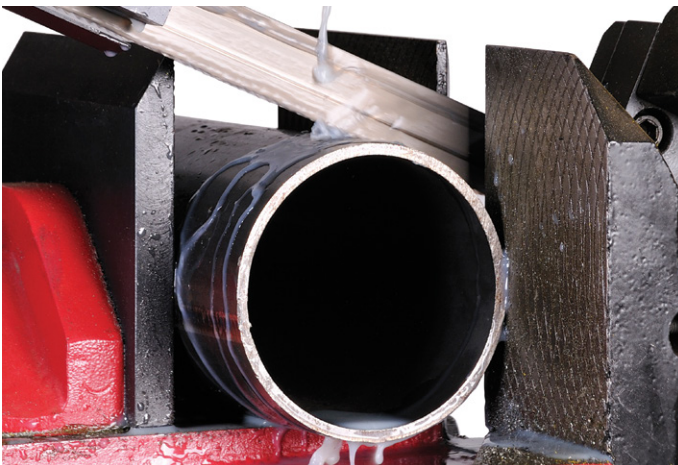


S3120 - Capable of angle cuts up to 60°.

Gravity Fed, Manual Band Saw Machine

S3420NG

With a maximum capacity of 230mm, this machine is ideal for cutting larger material sections in a wide range of industries.



Characteristics

- Manual, gravity fed machine
- Cast iron bow
- Combined guides with bearings and carbide inserts
- Cooling pump
- Vice with quick holding system
- Cleaning brush
- Dynamometric blade tensioning system
- Cutting speed selector switch
- Control panel (internal voltage 24V)
- CE compliant

Specifications

TECHNICAL CHARACTERISTICS						
THREE PHASE	POWER (kW)	MOTOR FREQUENCY (Hz)	BLADE SPEED (m/min.)	BLADE DIMENSIONS (mm)	MACHINE DIMENSIONS (m)	KG
220-230V or 380-400V	1.1 / 0.59	50 or 60	40 and 80	27 x 2535	1.30a x 0.68b x 1.90c	235

CAPACITIES (mm)			
0°	45°	60°	
230	180	100	
230 x 230	130 x 130	90 x 90	
150 x 300	125 x 170	90 x 90	

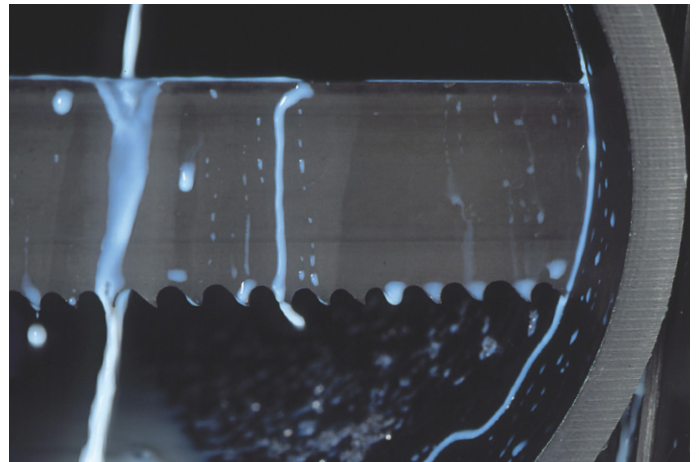
ANGLE CUTTING CAPACITY



Gravity Fed, Manual Band Saw Machine

S3720NG

A durable band saw machine, ideal for solid and structural steels, and particularly suited to general machine shop use.



Specification

TECHNICAL CHARACTERISTICS						
THREE PHASE	POWER (hp/kW)	MOTOR FREQUENCY (Hz)	BLADE SPEED (m/min.)	BLADE DIMENSIONS (mm)	MACHINE DIMENSIONS (m)	KG
220-230V or 380-400V	1.5 / 0.75	50 or 60	45 and 90	27 x 2710	1.40a x 0.68b x 1.96c	250

CAPACITIES (mm)			
Angle	Diagram 1 (d)	Diagram 2 (a x a)	Diagram 3 (a x b)
0°	250	250 x 250	250 x 320
45°	230	145 x 145	145 x 240
60°	110	80 x 80	80 x 130

ANGLE CUTTING CAPACITY

Characteristics

- Manual, gravity fed machine
- Cast iron bow
- Combined guides with bearings and carbide inserts
- Cooling pump
- Vice with quick holding system
- Cleaning brush
- Dynamometric blade tensioning system
- Cutting speed selector switch
- Control panel (internal voltage 24V)
- CE compliant

Semiautomatic Band Saw Machine

S4220 / S4230

A highly accurate semi automatic band saw machine, with square cut capacity on both sides.

ANGLE CUTTING CAPACITY



Specifications

TECHNICAL CHARACTERISTICS						
THREE PHASE	POWER (hp/kW)	MOTOR FREQUENCY (Hz)	BLADE SPEED (m/min.)	BLADE DIMENSIONS (mm)	MACHINE DIMENSIONS (m)	KG
S4220	220-230V or 380-400V	50 or 60	20 - 85	27 x 2535	1.56a x 0.67b x 1.52c	375
	2.0 / 1.5			27 x 3140	1.86a x 0.73b x 1.56c	475

Characteristics

- Controlled hydraulic feed
- Cast iron bow
- Combined carbide guides and bearings
- Cooling pump
- Vice with quick holding system with square cut capacity on both sides
- Cleaning brush
- Dynamometric blade tensioning system
- Cutting speed selector switch (Models S4220-4 and S4230-4)
- Control panel (internal voltage 24V)
- CE compliant



S4230

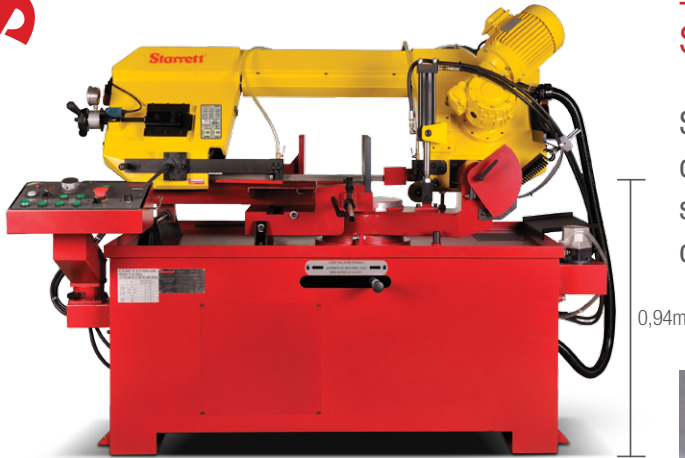
S4220 - CAPACITIES (mm)			
Angle	Capacity (mm)	Capacity (mm)	Capacity (mm)
0°	230	230 x 230	230 x 270
45°	180	130 x 130	130 x 180
60°	90	90 x 90	90 x 90
-45°	160	130 x 130	115 x 200

S4230 - CAPACITIES (mm)			
Angle	Capacity (mm)	Capacity (mm)	Capacity (mm)
0°	300	270 x 270	250 x 350
45°	235	220 x 220	200 x 225
60°	140	115 x 115	115 x 130
-45°	220	150 x 150	115 x 220

Semiautomatic Band Saw Machine

S4240

Smooth, controlled, cutting speed and feed pressure combine with a rigid structure to create a powerful band saw machine, ideal for regular intensive use and for cutting harder metals.



ERGONOMIC HEIGHT



Characteristics

- Vice with quick holding system
- Cutting speed controlled by frequency inverter
- Hydraulic pump with three-phase motor
- Emergency stop device in case of blade breakage
- Combined carbide guides and bearings
- Angled cut to both sides: 0-60° right and 0-45° left
- Control panel (internal voltage 24V)
- CE compliant

TECHNICAL CHARACTERISTICS

THREE PHASE	POWER (hp/kW)	MOTOR FREQUENCY (Hz)	BLADE SPEED (m/min.)	BLADE DIMENSIONS (mm)	MACHINE DIMENSIONS (m)	KG
220-230V or 380-400V	3.0 / 2.25	50 or 60	20 - 85	27 x 3490	1.50a x 0.80b x 1.60c	600

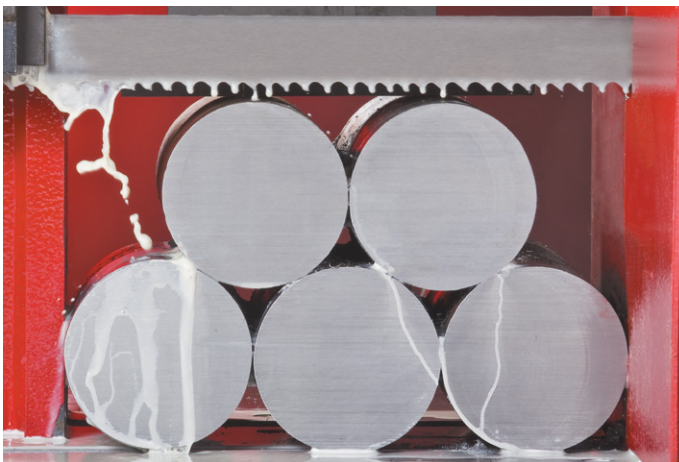
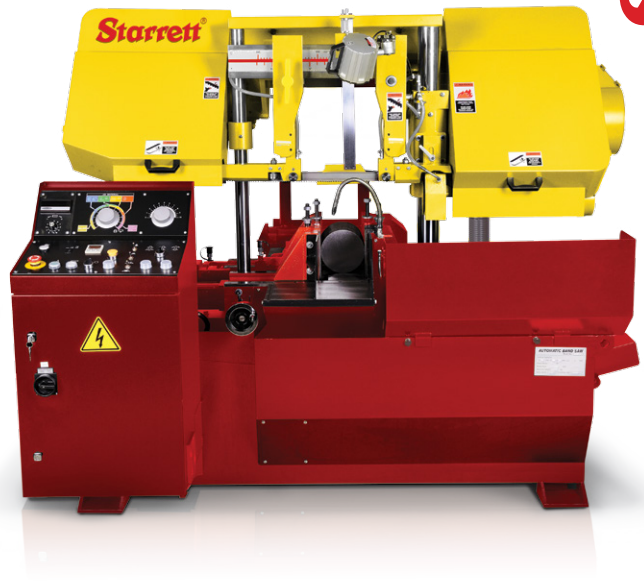
CAPACITIES (mm)

0°	300	300 x 300	220 x 450
45°	300	240 x 240	170 x 240
60°	170	170 x 170	-
-45°	270	160 x 160	160 x 210

Automatic Band Saw Machine

S6330

A high specification band saw machine, with a range of features often only available as extras on other machines. Ideal for use on harder metals, volume production runs and pre programmed cutting operations.



Characteristics

- Double cylindrical columns
- Feed range 400mm
- Vertical hydraulic clamping, beam vice
- Hydraulically driven vices, with centring device for warped bars
- Hydraulic valve for controlling feed pressure and bow speed
- Cutting speed controlled by frequency inverter
- Cooling pump
- Working height of 780mm
- Control panel (internal voltage 24V)
- Can be supplied in a complete safety enclosure with external control panel and access points on all four sides (S6330NR)
- CE compliant



Chip transporter



Hydraulic blade tensioning



Bundle clamp

Specifications

TECHNICAL CHARACTERISTICS					
THREE PHASE	POWER (hp/kW)	CUTTING SPEED (m/min.)	BLADE DIMENSIONS (mm)	MACHINE DIMENSIONS (m)	KG
220V/380V 60 Hz	5.0 / 3.7	20 - 100	34 x 3920	2.33a x 1.21b x 1.81c	1650

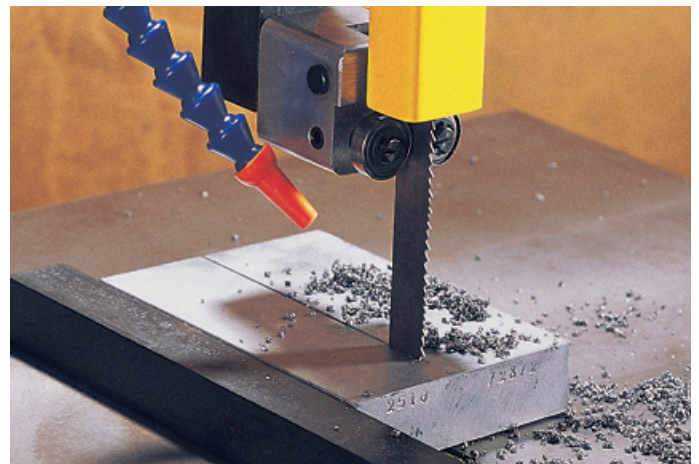
CAPACITIES (mm)			
mm	a a mm	b a mm	
		MINIMUM	MAXIMUM
0°	300	300 x 300	145 x 130 230 x 130



Vertical Band Saw Machine for Steel

S2001 / S2002*

A highly versatile machine, capable of cutting steel and other materials, and suitable for industry, laboratories, mechanical and electrical maintenance.



Specifications

TECHNICAL CHARACTERISTICS				
POWER (hp/kW)	CUTTING SPEED (m/min.)	BLADE DIMENSIONS (mm)	MACHINE DIMENSIONS (m)	KG
1.5 / 1.1	20 - 400	3 - 19 x 3470	0.9a x 0.7b x 1.9c	420

CAPACITIES (mm)				
300	410	+ or - 7°	0 - 45°	550 x 500



Lighting at cutting area.

Characteristics

- Combined guides with cemented bearing and inserts
- 420mm diameter band wheels
- Cutting speed controlled by frequency inverter
- Power: 220 / 380V or 440V, single phase
- 24V electric panel
- Air pipe for chip removal
- Dynamometric blade tensioning system
- CE compliant

*S2002 - Machine is supplied with a brake motor providing immediate blade stop in emergency situations - e.g. blade breakage or opening of the access doors.

Vertical Band Saw Machine for Steel

S2020

Supplied with a cutting table that will angle up to 45°, this machine is the next stage up from the S2001 and 2002 with a more powerful motor and greater cutting capacity.



Characteristics

- Aluminium flywheels, rubberized and balanced, 355mm diameter
- Cutting table tilt up to 45°
- Power: 220V / 50 and 60Hz
- Three-phase motor
- Adjustable guide system with bearings
- Upper guide support rod with millimetre scale
- CE compliant

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Specifications

TECHNICAL CHARACTERISTICS			
POWER (hp)	BLADE DIMENSIONS (mm)	CUTTING SPEED (m/min.)	
2.0	6 - 16 x 2750	50Hz	60Hz
		42 and 84	50 and 100

MACHINE DIMENSIONS (m)			KG	
TABLE	MACHINE	MACHINE WITH BASE	NET	GROSS
0.43 x 0.53	0.78a x 0.70b x 1.43c	0.83a x 0.73b x 1.80c	127	135.5

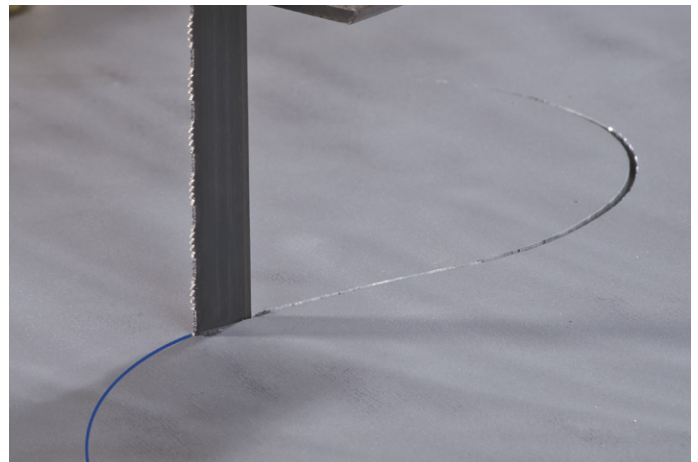
CAPACITY (mm)		
WHEEL (mm)	TABLE SPIN	CUTTING (mm)
355	0-45°	235 x 345






Vertical Band Saw Machine for Steel



S2030




The largest in the vertical metal cutting band saw range, the S2030 has a cutting table that will tilt up to 45°, a larger, more powerful motor and the capacity to take a 27mm wide blade.



Specifications

TECHNICAL CHARACTERISTICS		
		
POWER (hp)	BLADE DIMENSIONS (mm)	CUTTING SPEED (m/min.) 60Hz
3.0	13 - 27 x 4590	20 - 400

MACHINE DIMENSIONS (m) kg			KG	
				
TABLE	MACHINE	MACHINE WITH BASE	NET	GROSS
0.70 x 0.61	1.24a x 1.01b x 2.13c	1.24a x 1.01b x 2.13c	360	395

CAPACITY (mm)		
		
WHEEL (mm)	TABLE SPIN	CUTTING (mm)
610	0-45°	430 x 600

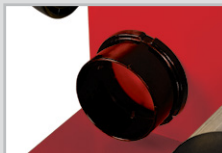
Characteristics

- Cast iron flywheels, rubberized and balanced, 610mm diameter
- Cutting table tilt up to 45°
- Power: 220V / 50 and 60Hz
- Three-phase motor
- Adjustable guide system with carbide inserts
- Upper guide support rod with millimetre scale
- Cutting speed controlled by frequency inverter
- 24V Electric panel
- CE compliant

Vertical Band Saw Machine for Wood

S2510

Produced for small scale furniture and carpentry workshops, this machine is also ideal for home wood working or general D.I.Y.



Chip release system



Set the cutting table to a precise angle




Characteristics



- Aluminium flywheels, rubberized and balanced, 315mm diameter
- Cutting table tilt up to 45°
- Two different speeds
- Power: 220V / 50 and 60Hz
- Single phase motor
- Adjustable guide system with bearings
- CE compliant



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Specifications

TECHNICAL CHARACTERISTICS			
 POWER (hp)	 BLADE DIMENSIONS (mm)	 CUTTING SPEED (m/min.)	
		50Hz	60Hz
1.0	6 - 13 x 2240	360 and 720	430 and 860

 MACHINE DIMENSIONS (m)			 KG	
TABLE	MACHINE	MACHINE WITH BASE	NET	GROSS
0.40 x 0.50	0.72a x 0.70b x 1.08c	0.81a x 0.80b x 1.60c	77	83

CAPACITY (mm)		
WHEEL (mm)	TABLE SPIN 	CUTTING (mm) 
315	0-45°	160 x 300



Vertical Band Saw Machine for Wood

S2520

A more powerful version of the S2510. This machine will take a 16mm wide blade and is designed for larger scale wood working operations.



Precise cut measurement



Chip release system



Storage cabinet in machine base

Specifications

TECHNICAL CHARACTERISTICS			
 POWER (hp)	 BLADE DIMENSIONS (mm)	 CUTTING SPEED (m/min.)	
		50Hz	60Hz
2.0	6 - 16 x 2750	420 and 840	500 and 1000

 MACHINE DIMENSIONS (m)			 KG	
TABLE	MACHINE	MACHINE WITH BASE	NET	GROSS
0.43 x 0.53	0.78a x 0.70b x 1.43c	0.83a x 0.73b x 1.80c	107.5	116

CAPACITIES		
 WHEEL (mm)	 TABLE SPIN	 CUTTING (mm)
355	0-45°	235 x 345

Characteristics

- Aluminium flywheels, rubberized and balanced, 355mm diameter
- Angular cutting table up to 45°
- Power: 220V / 50 and 60Hz
- Three-phase motor
- Adjustable guide system with bearings
- Upper guide support rod includes millimetre scale
- CE compliant

Vertical Band Saw Machine for Wood

S2530

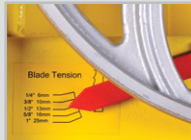
The largest in the wood cutting band saw machine range, this machine is designed for large scale carpentry and wood working operations.



Angular cutting table up to 45°



Chip release system



Tensioning control

Characteristics

- Cast iron flywheels, rubberized and balanced, 610mm diameter
- Cutting speed up to 1,560 m/min
- Angular cutting table up to 45°
- Power: 220V / 50 and 60Hz
- Three-phase motor
- Adjustable guide system with carbide inserts
- Upper guide support rod includes millimetre scale
- CE compliant

Specifications

TECHNICAL CHARACTERISTICS			
 POWER (hp)	 BLADE DIMENSIONS (mm)	 CUTTING SPEED (m/min.)	
		50Hz	60Hz
5.0	13 - 34 x 4590	1300	1560

 MACHINE DIMENSIONS (m)			 KG	
TABLE	MACHINE	MACHINE WITH BASE	NET	GROSS
0.70 x 0.61	1.24a x 1.01b x 2.13c	1.24a x 1.01b x 2.13c	330	365

CAPACITY (mm)		
 WHEEL (mm)	 TABLE SPIN	 CUTTING (mm)
610	0-45°	430 x 600



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