

PRECISION,
QUALITY,
INNOVATION

Starrett®

BAND SAW MACHINES

S1101-F1 & S1101-B1
BENCH TOP
MACHINES

S3120
GRAVITATIONAL
AND MANUAL
MACHINE

S3720NG
GRAVITATIONAL
AND MANUAL
MACHINE

S4230
SEMI-AUTOMATIC
MACHINE

S4240
SEMI-AUTOMATIC
MACHINE

TECHNICAL
SERVICES &
SUPPORT



BROCHURE 2015

BENCH TOP MACHINE

**S1101-F1
(220V)**

**S1101-B1
(110V)**



Ideal for small to 100 x 150mm cuts in thin tubes and structural sections, the S1101 is a machine designed for maintenance workshops and metalworking. Its measurements and low weight allow for easy and safe transportation. In addition, its versatility ensures a range of cutting angles, a unique feature for a machine this size.



FEATURES

- 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 23kg
- 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 to 45 degree angles
- Dry cut, without lubrication
- CE compliant








Optional Extra

S1101 Bench
Sold Separately



CAPACITIES (mm)		
	 d	 a x b
0°	100	100 x 150
45°	60	60 x 100

For thin-wall pipes and structural profiles only.

TECHNICAL SPECIFICATIONS						
						
Voltage	Power (hp/kW)	Blade Speed (m/min. 50 Hz)	Blade Speed (m/min. 60 Hz)	Blade Sizes (mm)	Machine Sizes (m)	Net Weight (kg)
220V or 110V	0.5 / 0.37	45	54	1470 x 13 x 0.5 or 0.65	0.72a x 0.38b x 0.46c	23

GRAVITATIONAL AND MANUAL MACHINE

S3120

The S3120 has been developed with productivity, robustness, and high-speed cutting performance in mind. It is ideally suited for professionals or businesses looking to acquire a versatile, low-maintenance piece of equipment that offers them an excellent cost-benefit ratio.

FEATURES

- TWO-SPEED SWITCH
- 60° ANGLE CUTTING

- 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

Optional Extra

- Infeed and outfeed roller table (sold separately)



CAPACITIES (mm)			
		a x a	a x b

0°	170	170 x 170	95 x 210
45°	120	100 x 100	-
60°	70	60 x 60	-

TECHNICAL SPECIFICATIONS						
Three-Phase Voltage	Power (hp/kW)	Motor Frequency (Hz)	Blade Speed (m/min.)	Blade Sizes (mm)	Machine Sizes (m)	Net Weight (kg)
400V	1.0 / 0.75	50	35 and 70	2110 x 19	1.20a x 0.45b x 1.61c	155

GRAVITATIONAL AND MANUAL MACHINE

S3720NG



With excellent cutting and production capabilities, the S3720NG model is designed for companies where mitre cutting of larger, structural profiles and solid materials is required. They are part of a new generation of machines and rely on their robustness, simplicity, low cost, optimized productivity and safety.

FEATURES

- DYNAMOMETRIC SAW TENSION INDICATOR
- TWO-SPEED SWITCH

- Gravitational and manual feeding
 - Cast iron bow
 - Adjustable blade guides with roller bearings and hard-metal plates
 - Coolant pump
 - Vise with quick clamping system
 - Cleaning brush
 - Tension gauge for blade
 - Worm-gear motor
 - Safety device for band saw blade breakage
 - CE compliant
- Optional Extra**
- Infeed and outfeed roller table (sold separately)

TECHNICAL SPECIFICATIONS

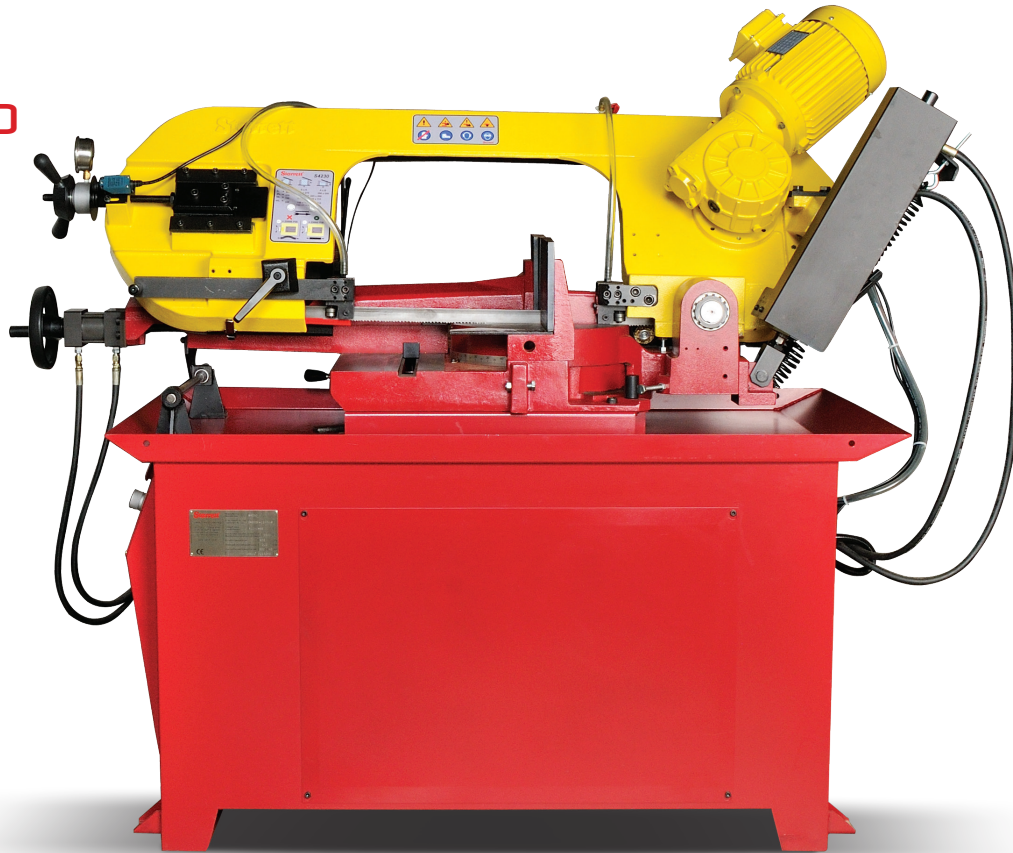
Three-Phase Voltage	Power (hp/kW)	Motor Frequency (Hz)	Blade Speed (m/min.)	Blade Sizes (mm)	Machine Sizes (m)	Net Weight (kg)
400V	1.5 / 0.75	50	45 and 90	2710 x 27	1.40a x 0.68b x 1.96c	250

CAPACITIES (mm)

	0°	45°	60°
250	250 x 250	250 x 320	
230	145 x 145	145 x 240	
110	80 x 80	80 x 130	

SEMI-AUTOMATIC MACHINE

S4230



SEMI-AUTOMATIC

As a semi-automatic machine, this model uses state-of-the-art technology for this type of equipment. The technical characteristics provide users with high production capacity and versatility for the most varied types of cuts and shapes. This model can cut mitred corners on both negative (-45°) and positive sides (60°), which makes it more versatile.

FEATURES

- DYNAMOMETRIC SAW TENSION INDICATOR
- BLADE SPEED CONTROLLED BY A VARIABLE-FREQUENCY DRIVE

- Hydraulic feed control
- Cast iron bow
- Combined blade guides, hard-metal plates, and roller bearings
- Coolant pump
- Hydraulically clamping vise with cutting capacity on both sides
- Cleaning brush
- Saw tension gauge
- Worm-gear motor
- Safety device for band saw blade breakage
- CE compliant

Optional Extra (sold separately)

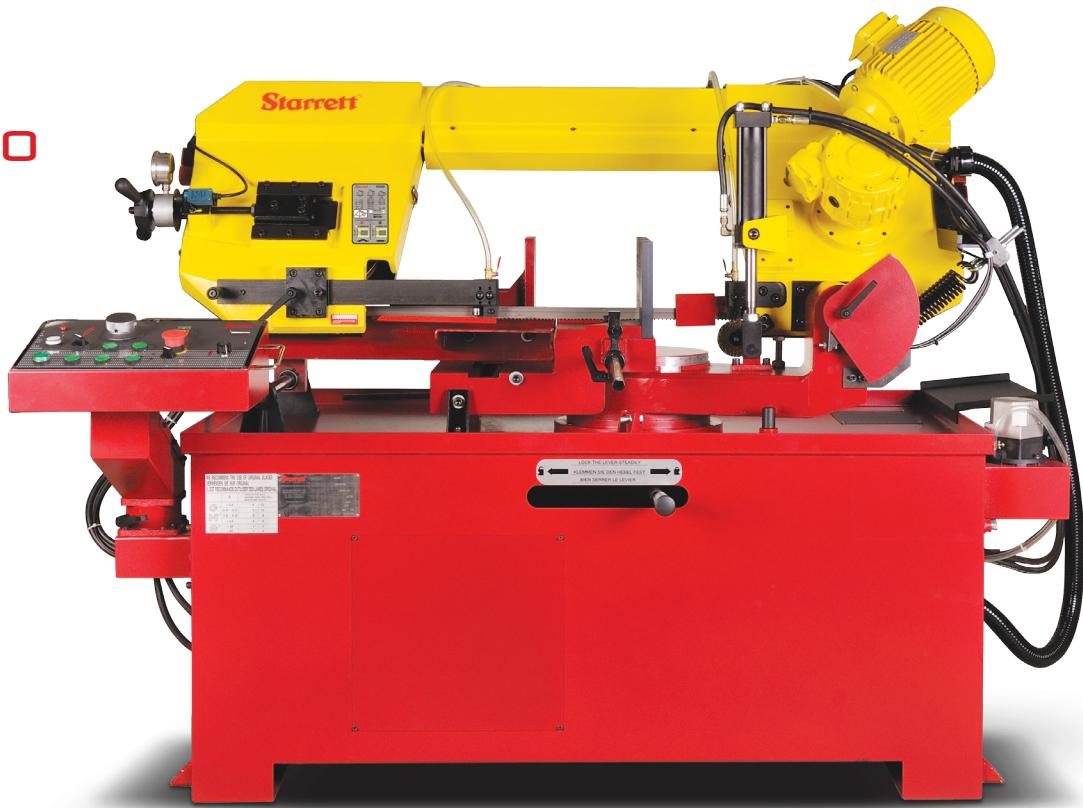
- Infeed and outfeed roller table

TECHNICAL SPECIFICATIONS						
Three-Phase Voltage	Power (hp/kW)	Motor Frequency (Hz)	Blade Speed (m/min.)	Blade Sizes (mm)	Machine Sizes (m)	Net Weight (kg)
400V	2.0 / 1.5	50	20 - 85	3140 x 27	1.86a x 0.73b x 1.56c	475

CAPACITIES (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

SEMI-AUTOMATIC MACHINE

S4240



This semi-automatic machine can perform mitre cutting of structural profiles up to 75° and -45°, outstanding for everyday jobs. In addition, the high cutting capacity of 300 x 300mm and its rigid construction makes this machine offer a smooth, controlled cutting speed with hydraulic feed pressure. All these elements combine to create a powerful band saw machine, ideal for regular intensive use on harder metals. Like all our band saw machines, it complies with all the required CE safety standards.

FEATURES

- ANGLE CUTTING ON BOTH SIDES: 0 to 75° AND 0 to -45°
- BLADE SPEED CONTROLLED BY A VARIABLE-FREQUENCY DRIVE
- DYNAMOMETRIC SAW TENSION INDICATOR

- Hydraulic feed control
- Hydraulically tightened vise
- Worm-gear motor
- Hydraulic pump with three-phase motor
- Combined blade guides, hard-metal plates, and roller bearings
- Safety device for band saw blade breakage
- CE compliant

Optional Extra (sold separately)

- Infeed and outfeed roller table

TECHNICAL SPECIFICATIONS

Three-Phase Voltage	Power (hp/kW)	Motor Frequency (Hz)	Blade Speed (m/min.)	Blade Sizes (mm)	Machine Sizes (m)	Net Weight (kg)
400V	3.0 / 2.25	50	20 - 85	3490 x 27	1.50a x 0.80b x 1.60c	600

CAPACITIES (mm)

	d	a x a	a x b
0°	300	300 x 300	220 x 450
45°	300	240 x 240	170 x 240
60°	170	170 x 170	-
75°	80	80 x 80	-
-45°	270	160 x 160	160 x 210

FULL RANGE HORIZONTAL BAND SAW MACHINES

FULL RANGE



S3220



S3420NG



S4220



S6330

Band saw machine	Capacities (mm)									Vise fixing system	Bow feed	Material feed	Cutting speed (m/min.)	Blade dimensions (mm)
	0°		+ 45°		+ 60°		+ 75°		- 45°					
	●	■	●	■	●	■	●	●	■					
<input checked="" type="checkbox"/> S1101-F1	100	100 x 150	60	60 x 100	-	-	-	-	-				45	13 x 1470
<input checked="" type="checkbox"/> S1101-B1	100	100 x 150	60	60 x 100	-	-	-	-	-				45	13 x 1470
<input checked="" type="checkbox"/> S3120	170	95 x 210	120	110 x 110	70	60 x 60	-	-	-	manual	gravity		35 and 70	19 x 2110
<input checked="" type="checkbox"/> S3220	170	95 x 210	-	-	-	-	-	-	-				35 and 70	19 x 2110
<input checked="" type="checkbox"/> S3420NG	230	150 x 300	180	125 x 170	100	90 x 90	-	-	-			manual	40 and 80	27 x 2535
<input checked="" type="checkbox"/> S3720NG	250	250 x 320	230	145 x 240	110	80 x 130	-	-	-				45 and 90	27 x 2710
<input checked="" type="checkbox"/> S4220	230	230 x 270	180	130 x 180	90	90 x 90	-	160	115 x 200				20 to 85	27 x 2535
<input checked="" type="checkbox"/> S4230	300	250 x 350	235	200 x 225	140	115 x 130	-	220	115 x 220	hydraulic	hydraulic		20 to 85	27 x 3140
<input checked="" type="checkbox"/> S4240	300	220 x 450	300	170 x 240	170	170 x 170	80	270	160 x 210				20 to 85	27 x 3490
<input checked="" type="checkbox"/> S6330	300	300 x 300	-	-	-	-	-	-	-			automatic	20 to 100	34 x 3920

Machine not held in stock - please call for a delivery quote.

Stock available for immediate delivery.

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BAND SAW MACHINES



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Band Saw Machine Brochure 2015 Specifications subject to change without notice.