

STERLING

STC DGSA NC Bandsaw Range

Sterling's range of bandsaws are one of the leading brands in the metal cutting world. The STC DGSA NC range features semi-automatic applications, including a NC PLC Controller, double-mitring and automatic bow descent and rise. The NC Controller allows you to select the mitre angle, for increased accuracy and efficiency.

Variable vice pressure and a moveable blade guide arm means the saw can be adjusted to suit a wide variety of material sizes and material wall thickness. Ideally suited for working with structural steel, this saw is recommended to be paired with heavy-duty, motorised roller track for easier material handling and feeding.



STC 650 DGSA NC

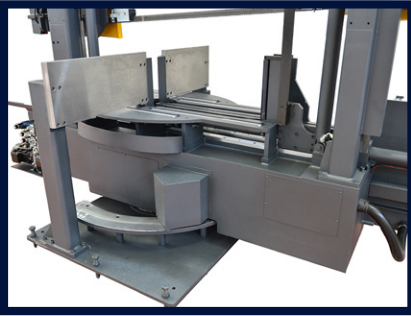
Machine Features

- Twin-Column rigidity
- User-friendly PLC Controller
- Double-Mitre Turn Table
- Hydro mechanical Blade Tensioning
- Inverter drive providing infinitely variable blade speed
- Automatic bow return
- Hydraulic vice
- Heavy-Duty gearbox
- Sensitive cutting pressure regulation
- Proximity switch for sensing if the blade is slipping
- Swarf brush (Motorised on 650 & 750)
- Flood Coolant system

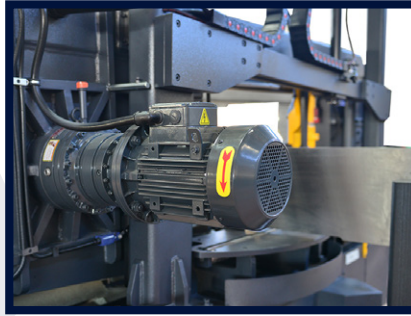
Optional Equipment

- Hydraulic Blade Tensioning (Standard on 650 & 750)
- Hydraulic top clamps
- Spray mist lubrication
- Laser Line Pointer
- Chip Conveyor (For the 560, standard on 650 & 750)
- Roller track and measuring systems

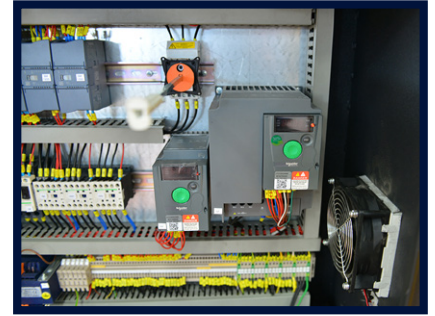




TURN TABLE MITRE



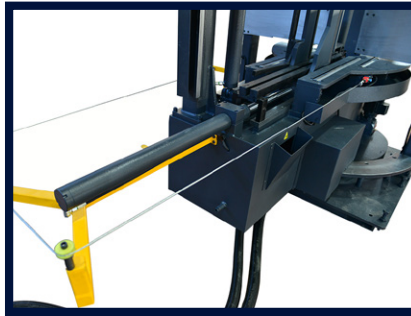
HEAVY DUTY GEARBOX



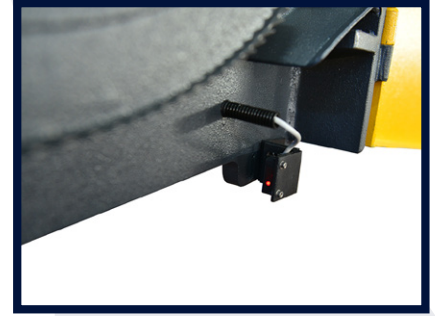
INVERTER



PLC CONTROLLER



HYDRAULIC VICE



OPTICAL HEIGHT ADJUSTMENT



REAR VIEW OF THE MACHINE



**HYDRAULIC TOP CLAMPING
(OPTIONAL)**



**SPRAYMIST
(OPTIONAL)**

TECHNICAL SPECIFICATIONS

MODEL		STC 440 DGSA NC			STC 560 DGSA NC			STC 650 DGSA NC			STC 750 DGSA NC		
Capacity		○	□	▭	○	□	▭	○	□	▭	○	□	▭
0°	mm	440	440	640 x 440	560	540	820 x 540	650	600	1000 x 600	800	750	1300 x 750
30° L	mm	440	440	510 x 440	560	540	670 x 540	650	600	840 x 600	800	750	1070 x 750
45° L	mm	440	400	400 x 440	550	520	520 x 540	650	600	660 x 600	800	750	850 x 750
60° L	mm	250	250	240 x 440	340	340	340 x 520	440	440	440 x 600	570	570	570 x 750
30° R	mm	440	440	510 x 440	560	540	670 x 540	650	600	840 x 600	800	750	1070 x 750
45° R	mm	390	390	390 x 440	520	520	520 x 540	650	600	660 x 600	800	750	850 x 750
Bed Height	mm	850			880			880			880		
Main Motor	kW	4			4			7.5			7.5		
Hydraulic Motor	kW	1.1			1.1			4			4		
Blade Size	mm	6000 x 41 x 1.3			6800 x 41 x 1.3			8400 x 54 x 1.6			9600 x 54 x 1.6		
Cutting Speed	m/min	20 - 100			20 - 100			20 - 100			20 - 100		
Length	mm	3100			3800			4400			5050		
Width	mm	1200			1750			2270			2200		
Height	mm	1910			2350			2660			2900		
Weight	Kg	1780			3200			6250			6700		
Operation		Semi-Automatic			Semi-Automatic			Semi-Automatic			Semi-Automatic		
Vice		Hydraulic			Hydraulic			Hydraulic			Hydraulic		