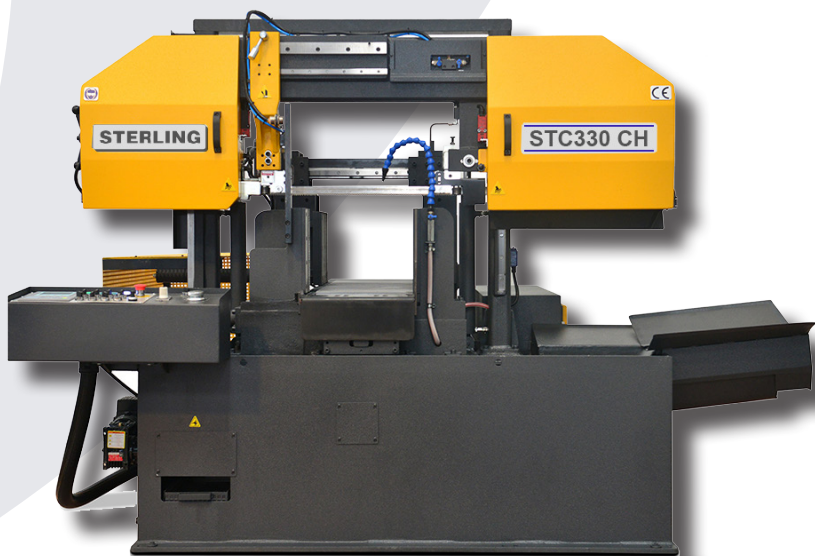


STERLING

STC CH NC Twin Column Automatic Bandsaw

Sterling's range of bandsaws are one of the leading brands in the metal cutting world. The Sterling STC CH NC twin column, automatic, bandsaws being no exception. This a fully automatic machine in a two-column design, ideally suited for cutting solid material, as well as pipes, profiles and beams in steel cutting.

The Siemens PLC controller on this saw enables the user to set-up a programme with 10 steps for automatic cutting, simply punch in your lengths and quantities, and let the saw do the work for you.



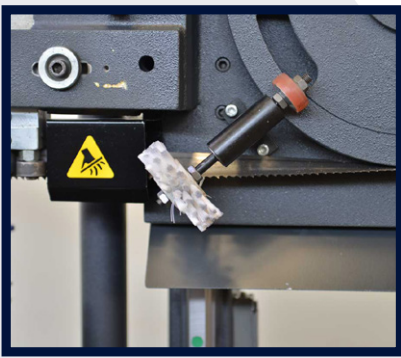
STC330 CH NC

Machine Features

- Twin column rigidity
- Fully automatic NC
- Hydromechanical Blade Tension
- Inverter drive providing infinitely variable blade speed
- Automatic bow return
- Hydraulic vice (500mm stroke, 6000mm max. feed)
- Hydraulic feeding vice
- Hydraulic rear vice
- Siemens PLC control panel (1 Programme - 10 Steps)
- Sensitive cutting pressure regulation
- Swarf brush
- Carbide blade guides
- Flood Coolant system

Optional Equipment

- Hydraulic blade tension
- Hydraulic top clamps
- Chip conveyor
- Spray mist lubrication
- Hexagonal Vice for bundle cutting
- Roller track and measuring systems



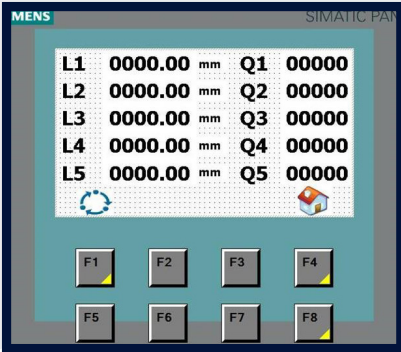
SWARF WHEEL



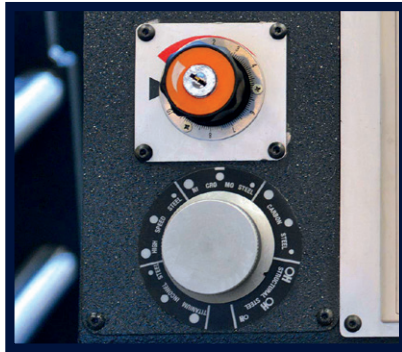
HYDRAULIC VICE



CONTROL PANEL



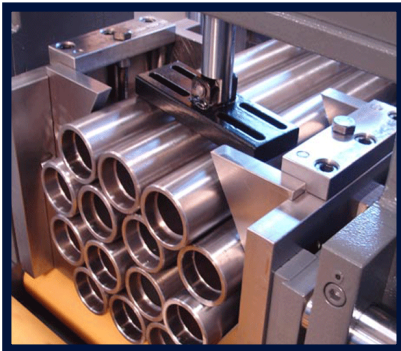
SIEMENS PLC CONTROLLER



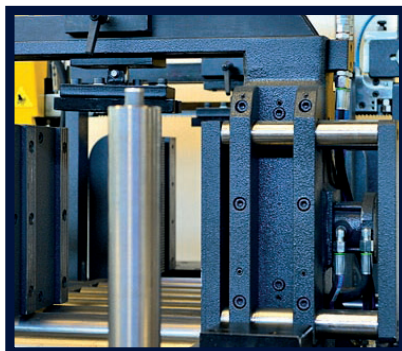
SENSITIVE CUTTING PRESSURE



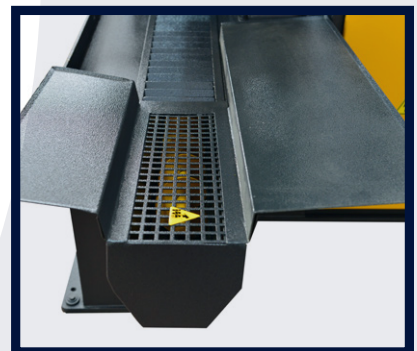
MOVEABLE ARM / VICE



HEXAGONAL VICE (OPTIONAL)



REAR VICE



CHIP CONVEYOR (OPTIONAL)

TECHNICAL SPECIFICATIONS

| MODEL | STC330CH NC | STC360CH NC | STC460CH NC | STC560CH NC |
|------------------------------|----------------------|--|--|--|
| Capacity | | | | |
| <input type="radio"/> mm | 330 | 360 | 460 | 560 |
| <input type="checkbox"/> mm | 325 | 360 | 460 | 560 |
| <input type="checkbox"/> mm | 350 x 325 | 400 x 360 | 550 x 460 | 600 x 560 |
| Bed Height | 845 | 795 | 805 | 810 |
| Blade Size | 5000 x 34 x 1.1 | 4800 x 34 x 1.1 | 5200 x 41 x 1.3 | 6000 x 41 x 1.3 |
| Cutting Speed | m/min | 20 - 100 | | |
| Motor | Kw | 3 | 4 | 5.5 |
| Tolerances | mm | 0.3 | | |
| PLC Controller | Siemens | | | |
| Program | 1 Program - 10 Steps | | | |
| Stroke Length | mm | 500 | | |
| Remnant Piece (Scrap Length) | mm | 105 (Automatic Mode) 50 (Manual Mode) | 110 (Automatic Mode) 55 (Manual Mode) | 125 (Automatic Mode) 55 (Manual Mode) |
| Max. Feeding | mm | 6000 | | |
| Length | mm | 2500 | 3250 | 4000 |
| Width | mm | 1950 | 3000 | 3250 |
| Height | mm | 1750 | 2100 | 2200 |
| Weight | Kg | 2150 | 2100 | 2350 |
| Operation | Automatic | | | |
| Vice | Hydraulic | | | |
| Vice Feed | Hydraulic | | | |