

### STERLING

## C-XS Automatic Circular Saw Range 415v

The C-XS range are the ideal machines for rapidly and efficiently producing cut-off pieces of steel and non-ferrous metals with a material cross-section up to a diameter of 150mm. The saws are designed to be used with TCT circular saw blades in order to cut solid bars at high speed with exceptional precision. It is also suitable for HSS blades to cut hollow tubes as well.

With the standard 800mm stroke servo feeding a six meter automatic loader, these saws are perfect for large-scale production of solid bars.

**WATCH  
THE  
MACHINE  
IN ACTION**



**Sterling C75-XS**

### Machine Features

- Heavy-duty construction
- Hydraulic Top Clamping
- ILC Micro spray Coolant
- Hydraulic Vice
- Inverter
- Control Panel
- Saw Blade Brush
- Cover Switch
- Heavy Duty Gearbox
- Servo Fed Loading System

### Optional Features

- Air filter
- 6 Mt Material Roller Table



**AUTOMATIC LOADING AND UNLOADING SYSTEMS AVAILABLE**



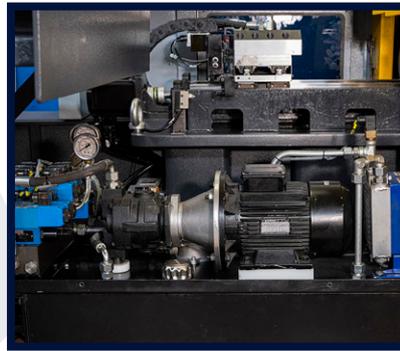
**SERVO FEED IN-FEED / OUT-FEED VICE SYSTEM**



**AUTOMATIC LOADING SYSTEM**



**INTEGRATED SAFETY SWITCHES**



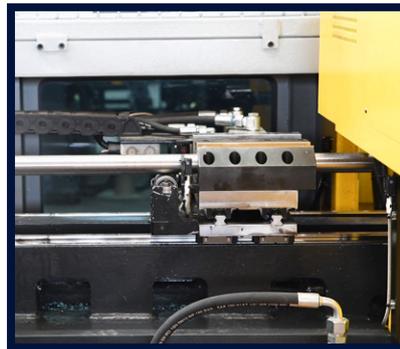
**HEAVY-DUTY MOTOR AND HYDRAULICS**



**INTEGRAL SWARF WHEEL**



**HYDRAULIC VICE WITH TOP CLAMPING**



**HYDRAULIC SHUTTLE VICE**



**TWIN SPRAY COOLANT SYSTEM**

## TECHNICAL SPECIFICATIONS

| MODEL (BLADE SIZE)                    |                             | C75-XS                      | C100-XS                     | C130-XS                      | C150-XS                     |
|---------------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|
| Capacities                            |                             | 90°                         | 90°                         | 90°                          | 90°                         |
| Tube at 90°                           | <input type="radio"/> mm    | 10 - 80                     | 20 - 100                    | 20 - 130                     | 20 - 153                    |
| Square Section at 90°                 | <input type="checkbox"/> mm | 10 - 50                     | 20 - 60                     | 20 - 90                      | 40 - 110                    |
| Blade Dimensions                      |                             | Ø285 x T2.0 x 1.7T mm       | Ø360 x T2.6 x 2.27T mm      | Ø360 / 425 x T2.6 x 2.27T mm | Ø360 x T2.6 x 2.27T mm      |
| Blade Bore                            | mm                          | 32                          | 40                          | 40                           | 40                          |
| Blade Speeds                          | m/min                       | 40 - 280                    | 40 - 280                    | 40 - 280                     | 40 - 280                    |
| Air Pressure                          | Bar<br>Mpa mPa              | 5<br>0.5                    | 5<br>0.5                    | 5<br>0.5                     | 5<br>0.5                    |
| Air Flow Rate                         | lt / dk                     | 245                         | 245                         | 245                          | 245                         |
| Hydraulic Tank Capacity               | lt                          | 70                          | 70                          | 70                           | 70                          |
| Oil Mist Tank Capacity                | lt                          | 1.5                         | 1.5                         | 1.5                          | 1.5                         |
| Index Mechanism                       |                             | Servo                       | Servo                       | Servo                        | Servo                       |
| Material Index                        |                             | AC Servo Motor & Vidali Mil | AC Servo Motor & Vidali Mil | AC Servo Motor & Vidali Mil  | AC Servo Motor & Vidali Mil |
| Stroke                                | mm                          | 800                         | 800                         | 800                          | 800                         |
| Cutting Lengths (Min / Max)           | mm                          | 10 - 9,999                  | 10 - 9,999                  | 10 - 9,999                   | 10 - 9,999                  |
| Feeding Speed                         | m/min                       | 0 - 750                     | 0 - 750                     | 0 - 750                      | 0 - 750                     |
| Remnant Piece                         | mm                          | 60                          | 60                          | 60                           | 60                          |
| Table Height                          | mm                          | 900                         | 900                         | 900                          | 900                         |
| Maximum Stock Table Loading Capacity  |                             | 17 bars of 6,000mm x 80mm   | 17 bars of 6,000mm x 10mm   | 7 bars of 6,000mm x 130mm    | 7 bars of 6,000mm x 160mm   |
| Incline Loader Dimensions (L x W x H) | mm                          | 5,620 x 1,660 x 1240        | 6,175 x 2,170 x 1,245       | 6,180 x 1,860 x 1,280        | 6,280 x 2,170 x 1,600       |
| Motor                                 | Kw                          | 7.5                         | 15                          | 15                           | 15                          |
| Length                                | mm                          | 2,675                       | 1,900                       | 2,660                        | 2,660                       |
| Width                                 | mm                          | 3,070                       | 1,450                       | 3,400                        | 3,400                       |
| Height                                | mm                          | 2,575                       | 2,450                       | 2,680                        | 2,680                       |
| Weight                                | Kg                          | 3,070                       | 3,450                       | 3,640                        | 3,680                       |
| Operation                             |                             | Automatic                   | Automatic                   | Automatic                    | Automatic                   |
| Vice                                  |                             | Hydraulic                   | Hydraulic                   | Hydraulic                    | Hydraulic                   |