



Cutting - Unsheathing

WIRES PROCESSING

ECS-15

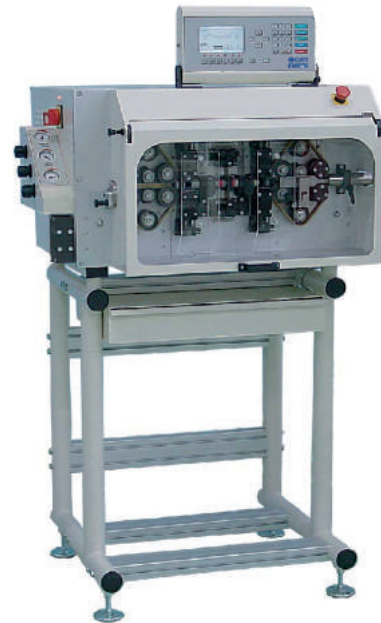
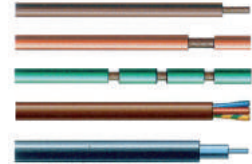
The model ECS-15 is a fully electronic cutting and stripping machine. All the parameters related to stripping, length and thickness are managed with the electronic box with microprocessor. This electronic box manages also all the other necessary data, for example cutting length, speed, no. of pieces etc.

The main characteristic of the ECS-15 consists in two separate stripping units able to work simultaneously the top and the end of the cable.

As application in the sector of the electronic cutting stripping machines that are today on the market, this only configuration, allows this machine to grant high hourly production by simply programming the necessary parameters and mechanical setup.

The available power, both on cable feed units and stripping units, is obtained with brushless motors that grants an always continue, precise and repetitive cycle also when it is necessary to process cables with considerable section.

A quick setup of the diameter of the cable to be processed is granted by a quick systems for the replacement of few necessary pieces (cable guide).





Processable products

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|--------------------------|---|
| Processable cable: | uni-core, multi-core |
| Cable section: | 0.5 - 50 mm ² (AWG 20 - 0) |
| External cable diameter: | 1 mm min. - 15 mm max. (0.039" - 0.59") |
| Insulating material: | P.V.C., Teflon, Silicon, etc. |

Processing parameters

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|-------------------|--|
| Cutting length: | from 160 mm to 99 m (6.3" to 325 ft) |
| Steps: | 1 mm (0.04") |
| Tolerance: | 0.2 % |
| Stripping length: | Side 1 - max. 95 mm (3.74") Side 2 - max. 110 mm (4.33") (processed in a single cycle) or 180 mm (7") on Side 1 and no limit on Side 2 using the multi-strip cycle |
| Quantity setting: | from 1 to 99,999 |
| Piece steps: | 1 |
| Cable feed speed: | 2,500 mm/sec max. (98"/sec) |

Machine technical features

| | |
|--------------------------|---|
| Length measuring system: | by means of encoder on transport unit |
| Machine control system: | Micro controller |
| Electrical power supply: | 230 Volt Single phase \pm 5% - 50/60 Hz |
| Pneumatic power supply: | 3.5 min - 8 bar max (from 51 to 116 PSI) |
| Air consumption: | 4 NI/Cycle - 6 bar |
| Machine weight: | 265 kg (583 lbs) |

Applications

| | |
|-------------------|--|
| Cutting to length | |
| Partial strip | |
| Full strip | |
| Multi strip | |
| Multi-core wires | |
| Double sheath | |
| Slitting kit | |

Equipment

| | |
|--|--|
| Vertical and horizontal straightener | |
| Measuring system with an additional external Encoder | |
| Cable transport system | |
| Cables ejection | |
| Interface for cable collector | |
| Interface for cable unwinder | |
| Safety protection guard | |

Machine dimensions: (L) 920mm x (W) 770mm x (H) 1,620mm