



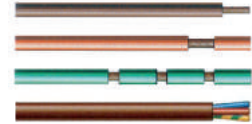
## Cutting - Unsheathing

WIRE PROCESSING

# ECS-35

The model ECS-35 is a fully electronic cutting and stripping machine. All the parameters related to stripping, length and thickness are managed with the electronic box with microprocessors. 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-35 consists in two separate stripping units able to work simultaneously the top and the end of the cable.

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



**NEW**  
machine



## Processable products

|                          |   |
|--------------------------|---|
| Processable cable:       | uni-core, multi-core                    |
| Cable section:           | 1 - 240 mm <sup>2</sup> (AWG 17)        |
| External cable diameter: | 4 mm min. - 35 mm max. (0.157" - 1.37") |
| Insulating material:     | P.V.C., Teflon, Silicon, etc.           |

## Processing parameters

|                   |   |
|-------------------|---|
| Cutting length:   | from 200 mm to 99 m (7.8" - 325 ft)   |
| Steps:            | 1 mm (0.04")  |
| Tolerance:        | 0.2 %   |
| Stripping length: | Side 1-max.100 mm (3.93")<br>Side 2-max.150 mm (5.90") (processed in a single cycle) or 250 mm (9.84") 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: | 2,450 mm/sec max. (96"/sec)   |

## Machine technical features

|                          |  |
|--------------------------|--|
| Length measuring system: | by means of encoder on transport unit    |
| Machine control system:  | PLC                                      |
| Electrical power supply: | 3 x 380 Volt+N+T - 50/60 Hz              |
| Pneumatic power supply:  | 3.5 min - 8 bar max (from 51 to 116 PSI) |
| Air consumption:         | 29 NI/Cycle - 6 bar                      |
| Acoustic pressure:       | ≤ 60 dB                                  |
| Machine weight:          | 440 kg (968 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) 2,025mm x (W) 1,010mm x (H) 1,560mm