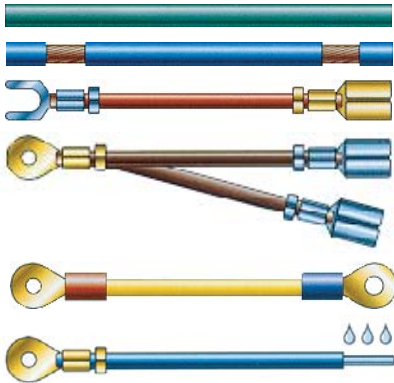


# CSC 51

## "Operetta"

### Cut Strip Terminate

Cod. 10002324



The model **CSC 51** is an automatic machine for cutting, stripping the wires and crimping on both sides of them all types of electrical terminals.

The special feature of this model, **fully electronic**, is that it does away with the need for manual work on the mechanical units whenever stripping parameters or wire dimensions change.

The new concept of the cutting/stripping unit and wire handling robots enable you to process the wire, by simply setting the required values on the keyboard, without having to remove, assemble and replace

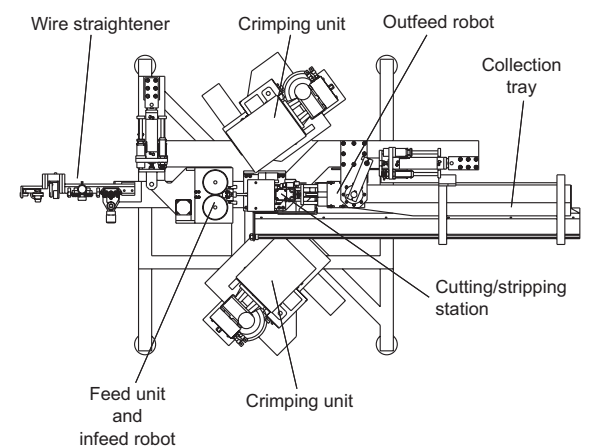
the cutting/stripping blades as well as the spacers in the blade blocks.

The machine management, number of pieces, cutting and/or stripping length, production batches, speed and all other functions are managed by simply setting all the parameters on a keyboard of the control panel.

The machine is equipped with a double-tray collecting system, with automatic unloading of the batch and relative restart of the production cycle. All that allows the product to be collected without interfering in the hourly productivity.

The crimping units accept most styles of applicators running left to right and end to end terminals.

The machine is supplied with two crimping machines, a set of blades and safety protection guard.



### TECHNICAL DATA

#### Product handled

Processable cable: uni-core

Wire section:

0.14 mm<sup>2</sup> (26 AWG) - 6 mm<sup>2</sup> (10 AWG)

External wire diameter: max. 5.5 mm ( .21")

Insulating material: P.V.C., Teflon, Silicone, etc.

#### Operating parameters

Programmable length: 50 - 99 m (1.97" - 325 ft.)

Increment: 0.1 mm ( .004")

Tolerance: 0.25 %

Minimum cutting length:

50 mm (1.97") (Standard)

43 mm (1.69") (Optional)

Stripping length:

min. 1 mm - max. 15 mm - full strip (.0394" - .5905")

max. 100 mm (3.937") - semistrip from one side

Piece number setting:

from 1 to 99,999

Piece steps: 1

Transport speed:

from 300 to 3,000 mm/sec (11.8" to 9.85 ft.)

Crimping force: max. 35,000 N (4 tons)

Memory capacity: up to 200 programs

#### Machine technical features

Wire feed:

wheels with tungsten carbide covering

Operating parameter setting:

by means of keyboard

N° 2 RS232 Output for PC

Function display:

video display terminal

Machine control system:

by means of microprocessor

Power supply:

208/220/240 Volt monophase - 50/60 Hz

Air supply:

from 4 to 8 bar (58 - 116 PSI)

Air consumption:

CSC 51 - 2,5 NI/Cycle - 6 bar

Cable collector - 4,5 NI/Cycle - 6 bar

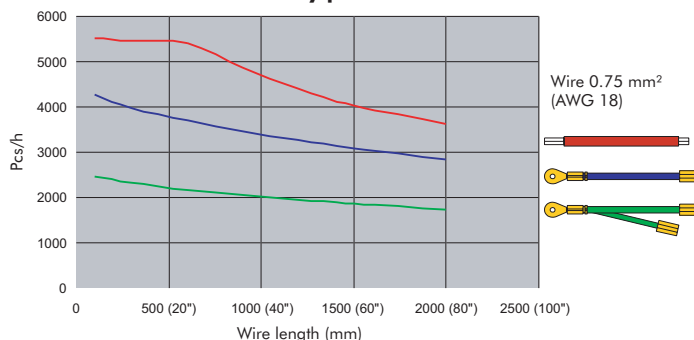
Acoustic pressure: ≤ 65 dB

Machine dimensions:

(L) 2,750 mm x (W) 1,360 mm x (H) 1,790 mm

(L) 109" x (W) 54" x (H) 71"

CSC 51 hourly production



Applications		
Cutting to length		●
Partial strip		●
Full strip		●
Wire crimped on both sides		●
Double crimping		○
Wire crimped and tinned		○
Wire crimped with insulated terminal		○
Interface for hot stamp marking and ink-jet		●
Interface for ink-jet marking Connection to PC		○
Software for partial strip > 15 mm (.59")		●
Equipment		
Vertical and horizontal straightener		●
End of wire kit		●
Wire transport system		●
Blade cleaning kit		●
End of terminal sensor kit		○
Collecting scraps		●
Kit for terminal strip cut		○
Paper winder kit		○
Kit for minimum cut of 43 mm (1.69")		○
Measuring system with encoder		●
Crimp force monitor		○
Kit for electronic adjustment of crimping height		○
Wire and bad terminal cutter		○
Interface for cable unwinder		●
Safety protection guard		●

● Standard    ○ Optional

MAKFIL SYSTEM reserves the right to change the data in this catalogue without prior notice

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