

Wire Processing Systems










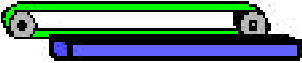

Products

alpha 433-S - The most flexible fully automatic machine with the highest level of user friendliness



Processing Possibilities

The alpha 433-S offers maximum flexibility when applying seals to one or both ends of wire with a corresponding terminal. Teamed up with the mci 711 crimp terminator and the mci 761 seals module as peripheral equipment, the alpha 433-S forms a highly compact system with optimum accessibility. The new TopWin user software insures that machine setup time is always kept to a minimum.

Cutting to length/stripping	
Crimping	
Crimp force check	
Seals loading on both sides	
Marking (Ink-Jet and Hot stamp marking)	
Intermediate stripping	
Tinning	
Good-bad separating	
Batch size separating	
Deposit with conveyor belt	
Splice check	

Technology

With its new highly dynamic servo-drives, featuring a fine travel setting on all motor axes, plus TopWin user software running under Windows NT and a state of the art mechanical system, the alpha 433-S truly guarantees a technological advantage.

Ease of Operation

The TopWin user software is designed to insure fast, simple data input. With its superb graphics based layout, the user can quickly and easily master all machine operations.

Integrated Peripherals

The peripheral devices mci 711 and mci 761 are perfectly tailored to match the new generation of machines. The benefits to you are compact construction and a standard operating concept. These peripherals with integrated process monitoring have a serial drive circuit integrated right into the TopWin user software.

Reduced Wire Changing Times

The straightening unit with quick-release locks and scales as well as the automatic thread-in feature reduce wire changing times. Guide tubes can be changed without tools thanks to the quick clamping system. Guide tubes and setup gauges which vary from product to product, can be stored in the special tool drawer so they are always within reach.

Integrated Quality Control

The anti-slip control of the belt drive guarantees a high degree of dimensional accuracy and gentle wire handling, even when processing fine-stranded wire. Additional monitoring systems can also be integrated.

Wire Deposit

The active deposit system also allows for depositing of long wires. The Alpha 433-S automatically reproduces wires to replace the defective ones, insuring that each batch is complete and that each wire you take out is 100% perfect.

Accessories

Preliminary wire processing	Hot-stamp/ink jet marker Intermediate stripping Continuous wire feed
Accessories for modules	Height adjustable module pedestal Terminal feeders with paper take-up device Terminal strip cutter
Stations	Crimp terminator mci 711 Seals module mci 761 Tinning station
Monitoring units	Crimp force sensor Splice detection Wire end detection
Wire stocking	Basic module 2 or 4 meters Extension modules 2 or 4 meters

Technical data:

Length range	60mm - 65m optional from 35mm
Length accuracy	<0,2% or max. +/- 1mm
Stripping lengths	0,1 - 15mm
Cross sections	0,20 - 6,0mm ² / AWG24 - 10
Wire feed rate	max. 10m/s
Electrical power	three phase 208-480V / 50-60Hz
Operating pressure	5 - 6bar
Weight	1080kg with two mci 711 and two mci 761

Standard values for production capacity

