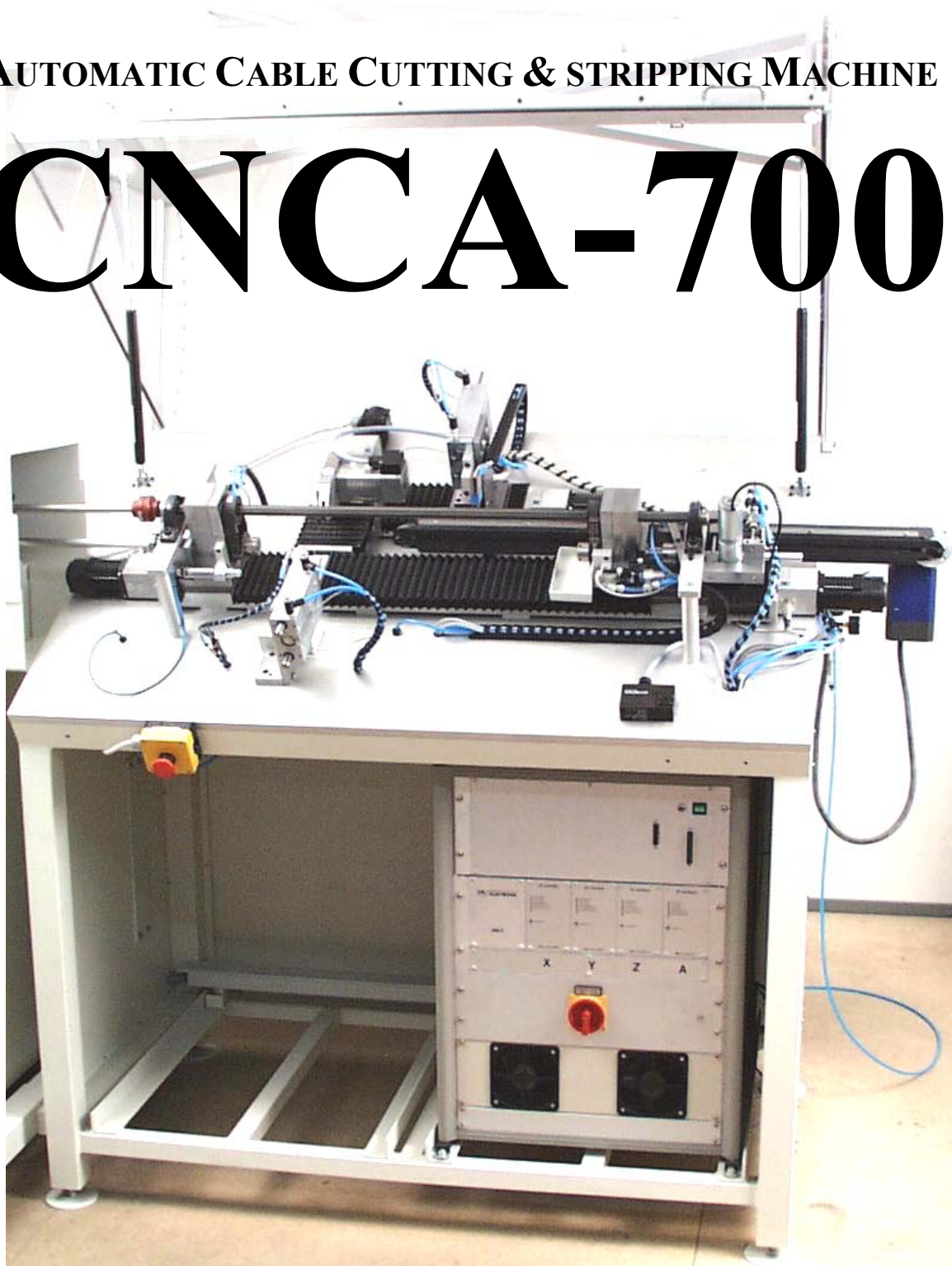


AUTOMATIC CABLE CUTTING & STRIPPING MACHINE

CNCA-700



1. GENERAL INFORMATION

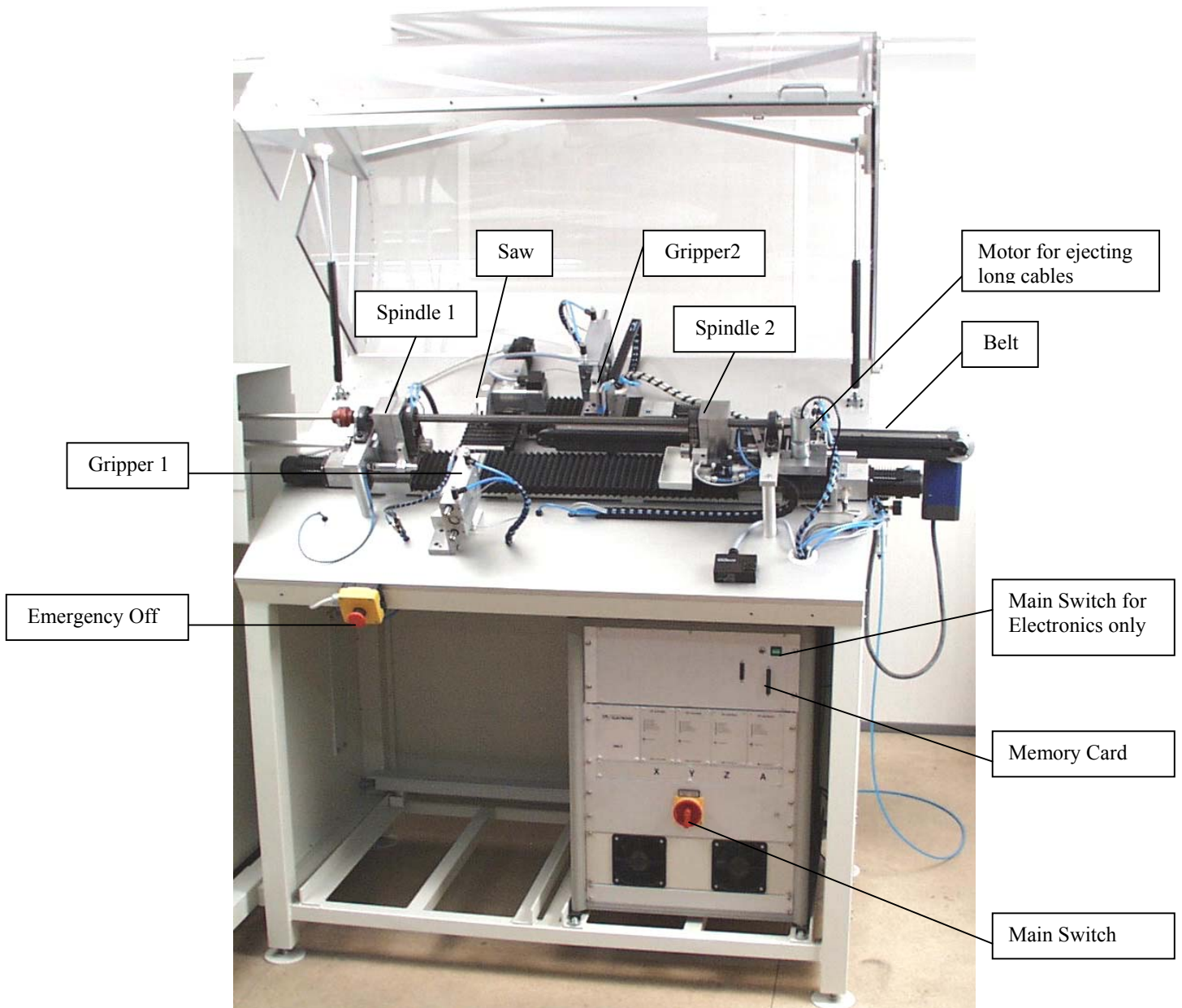
The CNCA-700 cuts Manufacturing Cost, improves Quality Standards.

With the fully automatic SPECTRUM CNCA-700, you can strip single stage wires and coaxial cables up to diameters of 12.7 mm (0.5 inches) and lengths of up to 5 m (16.4 ft.) to many stages in one operation. It is also possible to strip simple cables with only one insulation layer. The SPECTRUM CNCA-700 is easy to program. If connected to a PC, the SPECTRUM CNCA-700 is capable of storing an unlimited number of programs. The PC is not included with the purchase of the machine.

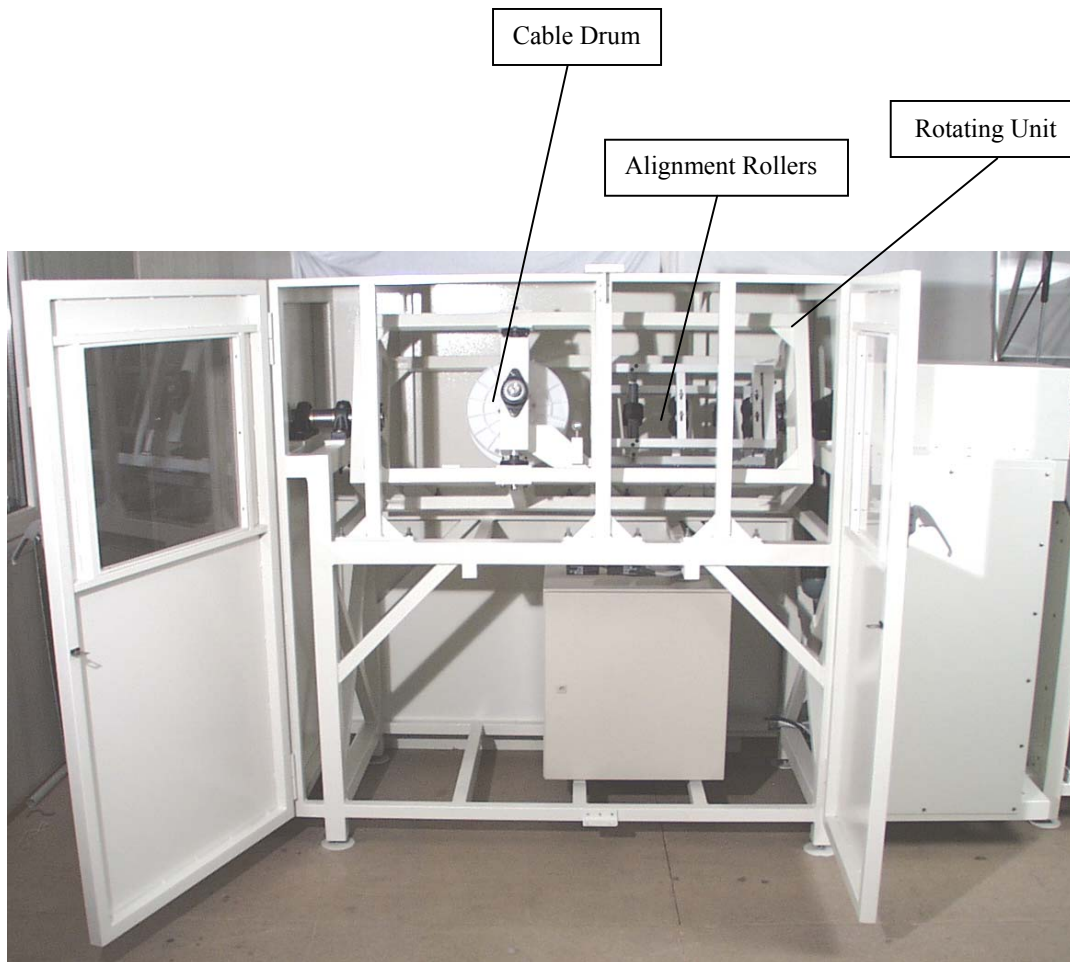
FEATURES:

- The Machine cuts and trims coaxial cables automatically
- It cuts and trims interfaces on semi rigid cables of diameters from 0.034" (0.86mm) and smaller, and up to 0.5 inches (12.7mm);
- The Machine cuts and trims interfaces on flexible cables from smallest diameter up to a Diameter of 0.5 inches (12.7mm);
- Easy adjustments in cutting lengths and diameters;
- Rod feed for straight cable lengths of up to 10 ft.;
- Automatic turning equipment for spooled cable;
- Two working spindles which feed and pick up the cable;
- Both spindles turn simultaneously thus enabling material of smallest diameter to be handled perfectly, without twisting, stretching or breaking;
- Spindles are step motor controlled in Z-axis;
- High speed saw for individual cutting operations, step motor controlled in Y-axis;
- Stripping-and transportation arm, step motor controlled in Z-axis and compressed air controlled in X-axis. The finished assembly is dropped onto the belt, delivering it to its final destination;
- Easy set up;
- Easy programming;
- Storage of an almost unlimited number of programs;
- Easy change of cutting/stripping parameters.
- Inexpensive tooling cost;

VIEW AND DETAILS AND OPTIONS OF THE CNCA-700



TURNING EQUIPMENT FOR COILED CABLE (DOORS OPEN)



TURNING EQUIPMENT FOR COILED CABLE (DOORS CLOSED)



DEAR VALUED CUSTOMER

Thank you for your interest in the CNCA-700. The SPECTRUM CNCA-700 is the most advanced automatic coaxial cable cutting and stripping machine on the market. The SPECTRUM CNCA-700 can precisely strip coaxial cables to almost unlimited stages in one operation. The SPECTRUM CNCA-700 stores the exact values of the parameters and programs for stripping different cables. The operating instructions are available in German and English and will familiarize you with the machine. The CNCA-700 is the perfect tool for producing state-of-the-art coaxial cable assemblies.

SERVICE

The “Warranty Certificate ” will be shipped with your machine. This certificate will explain your warranty completely. We are not liable for damage, which occurs through abuse of the machine. Do not, under any circumstances, perform any alterations or modifications to the machine.

The SPECTRUM service department is available Monday through Friday from 8:00 a.m. to 5:00 p.m. Call our help line at +49-89-3548-040 when a problem arises which you cannot solve yourself. Our experts will assist you in solving the problem via telephone. Thus downtime will be kept to an absolute minimum.

TRANSPORTATION

The CNCA-700 can be delivered in a factory-approved package or picked up by the customer. The customer carries the risk of damage to the product during transportation. Transportation insurance is available to the customer at cost.

OPERATOR’S MANUAL

Every Person attending the CNCA-700 Training Seminar will be handed out a complete version of the Operators Manual, supposing that the fee was paid in full. The Operators Manual will consist of :

- A. OPERATING INSTRUCTIONS**
- B. ELECTRICAL AND PNEUMATICAL DIAGRAMS**
- C. ASSEMBLY DIAGRAMS**
- D. PROGRAMMER REFERENCE MANUAL**
- E. Technical Manual**

STARTING UP

The CNCA-700 is a state-of-the-art machine. It needs a proper installation and should only be operated by trained personnel.

- Remove packaging
- Set up the machine on a flat surface. Clean all parts carefully. Remove grease that was put on parts for transportation purposes.
- Align properly the machine with the turning equipment.
- It is recommended to use the provided fixtures to mount the machine tightly to the ground.
- Supply air pressure, 6-bar min. (87 psi), of clean and dry compressed air, filtered if necessary.
- Supply electricity.
- It is highly recommended that the machine is turned on the first time in presence of authorized personnel of Spectrum Elektrotechnik GmbH.

PRECISION

- Length tolerances of max. 0.004" (0.1 mm), depending on the option purchased;
- Adjustments in stripping lengths: 0.002" min. (0.05 mm)
- Adjustments in stripping diameters: 0.0004" min (0.01 mm)

PROGRAMMING

The SPECTRUM CNCA-700 is easy to program and stores an unlimited number of programs when connected to a PC. The PC transfer program though must be purchased separately.

Program changes or adding own programs are only allowed at Registers 3001 and up.

QUALITY

- Interfaces are clean
- Outer conductors can be cut free of burr
- Center Conductors can be chamfered

SETTING UP TIME

Changing collets and brackets in shortest time. The program is loaded in seconds.

THE HANDBOOK

One Handbook is supplied with every machine, consisting of

- A. OPERATING INSTRUCTIONS**
- B. ELECTRICAL AND PNEUMATICALLY DIAGRAMS**
- C. ASSEMBLY DIAGRAMS**
- D. PROGRAMMER REFERENCE MANUAL**
- E. TECHNICAL MANUAL**
- F. DECLARATION OF CONFORMITY**
- G. WARRANTY CERTIFICATE**

One Copy of the Warranty Certificate must be dated, signed and returned to the Manufacturer.

2. TECHNICAL DATA

GENERAL:

Voltage: 230 V AC, 50 Hz, optional 120 V, 60Hz,

Current: 16 A

Air Pressure: 6-bar min.; 87 psi (clean and dry compressed air, filtered if necessary)

Machine will turn off automatically when air pressure gets below 6 bar.

Operating Environment: Machine should be operated and stored in dry and heated rooms only, a temperature between 18° C and 25° C is preferred.

Maximal cable diameter of the coaxial cable: 12,7mm

Maximal length of finished product, the cut and stripped assemblies: 5.0 m (Can be extended with special options)

Spindle pitch in Z, A, X- axis: 8mm

Spindle pitch Y-axis: 5 mm

Revolutions of the cable: 120/minute max.

Revolutions of the cutting saw: 6,000/minute max.

Clutch: 24 V

Noise: 84 dB(A), (without the vacuum cleaner)

Personel: Only fully trained personel should operate the CNCA-700.

Repair & Maintenance: Before opening the power control cabinets, the electricity is completely to be turned off. Make sure that the electricity cannot be turned back on by anybody else but authorized personel!

Installation: It is recommended to use the provided fixtures and to mount the machine tightly to the ground.

Safety Specification: according to 89/392/EWG

Dimensions: Floor space: 140 x 78 cm, height: 212.5cm max, for details please refer to the drawings provided.

Net Weight: 293.00 kg (without options)

Notice: Technical Data are subject to change without notice.