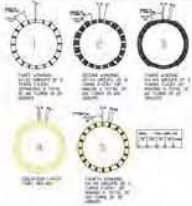






Example of distribution transformer



Example of winding patterns



Example of machine set up



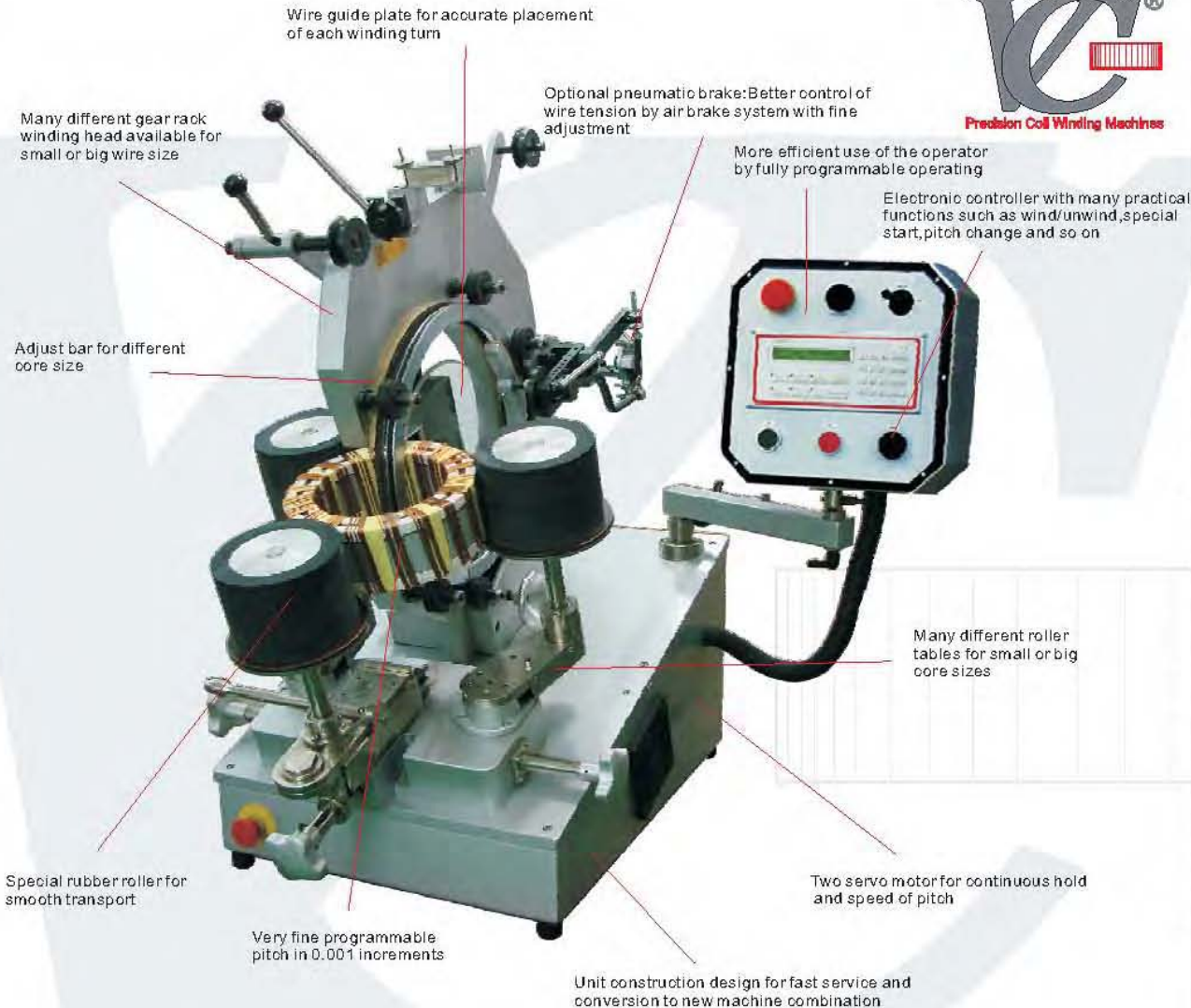
Adjustable bar for different core heights



Adjustable bar with X and Y position



Precision Coil Winding Machines



Wire guide plate for accurate placement of each winding turn

Optional pneumatic brake: Better control of wire tension by air brake system with fine adjustment

More efficient use of the operator by fully programmable operating

Electronic controller with many practical functions such as wind/unwind, special start, pitch change and so on

Many different gear rack winding head available for small or big wire size

Adjust bar for different core size

Many different roller tables for small or big core sizes

Special rubber roller for smooth transport

Very fine programmable pitch in 0.001 increments

Two servo motor for continuous hold and speed of pitch

Unit construction design for fast service and conversion to new machine combination

## TECHNICAL DATA

**CONTROLLER:**  
MICROPROCESSOR CONTROLLER

**DISPLAY:**  
LCD-DISPLAY WITH BACKGROUND ILLUMINATION: CONTINUOUS READ OUT OF OPERATION DETAILS

**PROGRAM CAPACITY:**  
THE CAPACITY IS VARIABLE, I.E.:  
8000 PROGRAMS WITH 1 SEQUENCE  
200 PROGRAMS WITH 40 SEQUENCES  
1 PROGRAM WITH 8000 SEQUENCES

**PROGRAMMING:**  
USER FRIENDLY TEXT COMMANDS

**DATA MEMORY AND OUTPUT:**  
INTERFACE FOR PC  
INTERFACE FOR SOFTWARE UPDATES

**WINDING SPEED:**  
UP TO 1500 RPM  
SEPARATELY PROGRAMMABLE LOAD SPEEDS  
SEPARATELY PROGRAMMABLE WIND SPEEDS

**CORE DRIVE:**  
SERVO MOTOR 0,40 KW.

**WIRE PITCH CONTROL:**  
FULLY AUTOMATIC PITCH CHANGE

**CORE INDEX & REVERSE CONTROL:**  
FULLY AUTOMATIC

**ACCELERATION & DECELERATION:**  
FULLY AUTOMATIC

**STOPS FOR TAPS:**  
AUTOMATIC

**SECTOR & BANK WINDING CONTROL:**  
FULLY AUTOMATIC

**WINDING HEAD DRIVE:**  
SERVO MOTOR 1.5 KW

**SUPPLY VOLTAGES:**  
230 (110 AND 240) VOLT, 50 HZ AC

**MACHINE SIZE AND WEIGHT:**  
800x700 MM, 150 KG NET, 200 KG GROSS

### V&C Production Advantages

Programming in less than 1 minute- with the new V&C Quick Programming System that needs the programming of major functions only (Load turns, Wind turns, Pitch) while retaining all programmable functions known today in the toroid winding industry.

Machine set up in less than 1 minute- with the V&C Teach-in System that enables pitch and speed adjustment during winding with automatic saving of the improved value.

### PRODUCTION

Single wire size

0,40 - 3,55

Inch/AWG

26 - 7<sub>1/2</sub>

Bifilar wire size

2 x 2,00

2 x 12<sub>1/2</sub>

Finished Core O.D.

5,0 - 500

0,2 - 20

Finished Core I.D.

From 1,5

From 0,06

Finished Core Height

Up to 150

Up to 5,9

Tape Size

4 - 30

0,05 - 1,18

### V&C Production Advantages

Perfect machine control- with 3 standard speed control options: Foot-pedal or Hand-control or Start-automatic for selection of the most suitable control system for your application.

Change program - with the new Quick programming knob you have immediate access to all parameters.