

We are a group of specialised companies with workshops in Europe and Asia. We are also maintaining Sales and Service Centres in America and India.

The directors of our companies are Coil Winding Specialists with each more than 25 years experience at former leading machine manufactures.

Due to this knowledge we can design segmental clamps for all VC Winding Heads.

**We have our sights set on the future, for the benefit of our customers.**

BELT HEADS					
	VC60	VC100	VC200	VC200-V	VC300

SLIDER HEADS & GEAR RACK HEADS							
	VC10	VC20	VC30	VC2	VC3	VC3,5	VC4

GEAR RACK HEADS & TAPING HEADS							
	VC44-V	VC45-V	VC0/B	VC2/B	VC3/B	VC200/B	VC300/B



VC-STANDARD Machine Series






Big Segment Holder



Small Segment Holder



Interchangeable Jaws



Special design solutions such as wire guide fingers

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

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



Very fine programmable pitch in 0.001 increments

Interchangeable jaws for use of different core sizes with one segment holder

VC-Quick opening system for instant clamping and releasing of the coil

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

Two servo motors for continues hold and speed of pitch

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

#### 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	mm	Inch/AWG
Single wire size	0,05 - 2,5	44 - 11
Bifilar wire size	2 x 1,8	2 x 13 <sub>1/2</sub>
Finished Core O.D.	5,0 - 300	0,2 - 12
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.

Maintenance free machine base - no motor brush change, no gearbox-oil change, no disc clutch change, no drive chain replacement etc.

## 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  
SEPARATE MENU FOR BASIC SET UP

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

**WINDING SPEED:**  
UP TO 1800 RPM  
SEPARATELY PROGRAMMABLE LOAD SPEEDS  
SEPARATELY PROGRAMMABLE WIND SPEEDS

**CORE DRIVE:**  
SERVO MOTOR 0,30 KW.

**WIRE PITCH CONTROL:**  
FULLY AUTOMATIC PITCH CHANGE  
PROGRAMMABLE IN STEPS OF 0.001MM

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

**ACCELERATION & DECELERATION:**  
FULLY AUTOMATIC

**STOPS FOR TAPS:**  
AUTOMATIC

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

**TAPING OPERATION:**  
FULLY AUTOMATIC

**WINDING HEAD DRIVE:**  
SERVO MOTOR 0.8KW

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

**MACHINE SIZE AND WEIGHT:**  
800x700 MM, 100 KG NET, 130 KG GROSS