



GEAR RACK TAPING HEADS

Precision Coil Winding Machines

Gear rack taping heads work with a gear drive system. The tape is first loaded onto the taping magazine and at the same time it is also taped onto the core. A flat leather belt which sits on the outside of the taping magazine controls the tape tension. The tape automatically is cut when the needed length of tape is loaded. We also offer taping head with two dispensers for use of all kinds of different materials.



TAPING HEAD VC0/B

TAPING HEAD VC1/B

TAPING HEAD VC2/B

TAPING HEAD VC3/B

TAPING HEAD VC4/B

TAPING HEAD DATA	VC0/B & VC0/B-MIN		VC1/B		VC2/B		VC3/B		VC4/B	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
TAPE WIDTH	4 - 10	0,157 - 0,394	4 - 10	0,237 - 0,512	6 - 30	0,354 - 0,984	9 - 25	0,354 - 0,984	10 - 30	0,394 - 1,16
BUILD UP FACTOR	+11	+0,433	+13	+0,512	+17	0,787	+20	0,787	+21	0,827
MAGAZINE DIAMETER	86	3,386	139	5,472	221	9,488	241	9,488	347	13,39
FINISHED CORE OD	16 - 150	0,71 - 6	25 - 150	1 - 6	25 - 300	1,0 - 10	25 - 254	1,0 - 10	60 - 500	24 - 20
FINAL ID WITH SMALLEST TAPE	15	0,59	21	0,83	26	1,14	29	1,14	30	1,181
FINISHED CORE HEIGHT	35	1,38	50		80	3,94	100	3,94	150	5,9
MAX. TAPING SPEED RPM	230		250		240		150		100	
COMPATIBLE ROLLER TABLES			VC222 (25 - 150)		VC222 (25 - 150)		VC222 (25 - 150)		VC332 (60 - 300)	
			VC222-V (40 - 150)		VC222-V (40 - 150)		VC222-V (40 - 150)		VC333-V (80 - 500)	
	VC222(25 - 150)				VC332 (60 - 300)		VC332 (60 - 300)			
					VC333-V (80 - 500)		VC333-V (80 - 500)			
COMPATIBLE MC BASE										
			VC-STANDARD		VC-STANDARD		VC-STANDARD		VC-STANDARD	
		VC-HEAVY		VC-HEAVY		VC-HEAVY		VC-HEAVY		VC-HEAVY

Taping Machine For Field Coils



Precision Coil Winding Machines



VC-STANDARD Machine Series



V&C Machinery Sales GmbH (Head Office and Works in Germany)
 Dr.-Wintrich-Str.16
 85560 Ebersberg Germany
 Tel:+49-8092-232020-3 Fax:+49-8092-232020-4
 Email:info@vc-machinery.eu

V&C Machinery Sales Ltd.(Sales Office in HK)
 Suite 2001,Marina House,
 68 Hing Man Street,Sai Wan Ho,Hong Kong
 Tel:+49-8092-232020-3 Fax:+49-8092-232020-4
 Email:info@vc-machinery.eu





Taping machine with taping magazine system for small coils



Taping machine with tape dispenser system for large coils



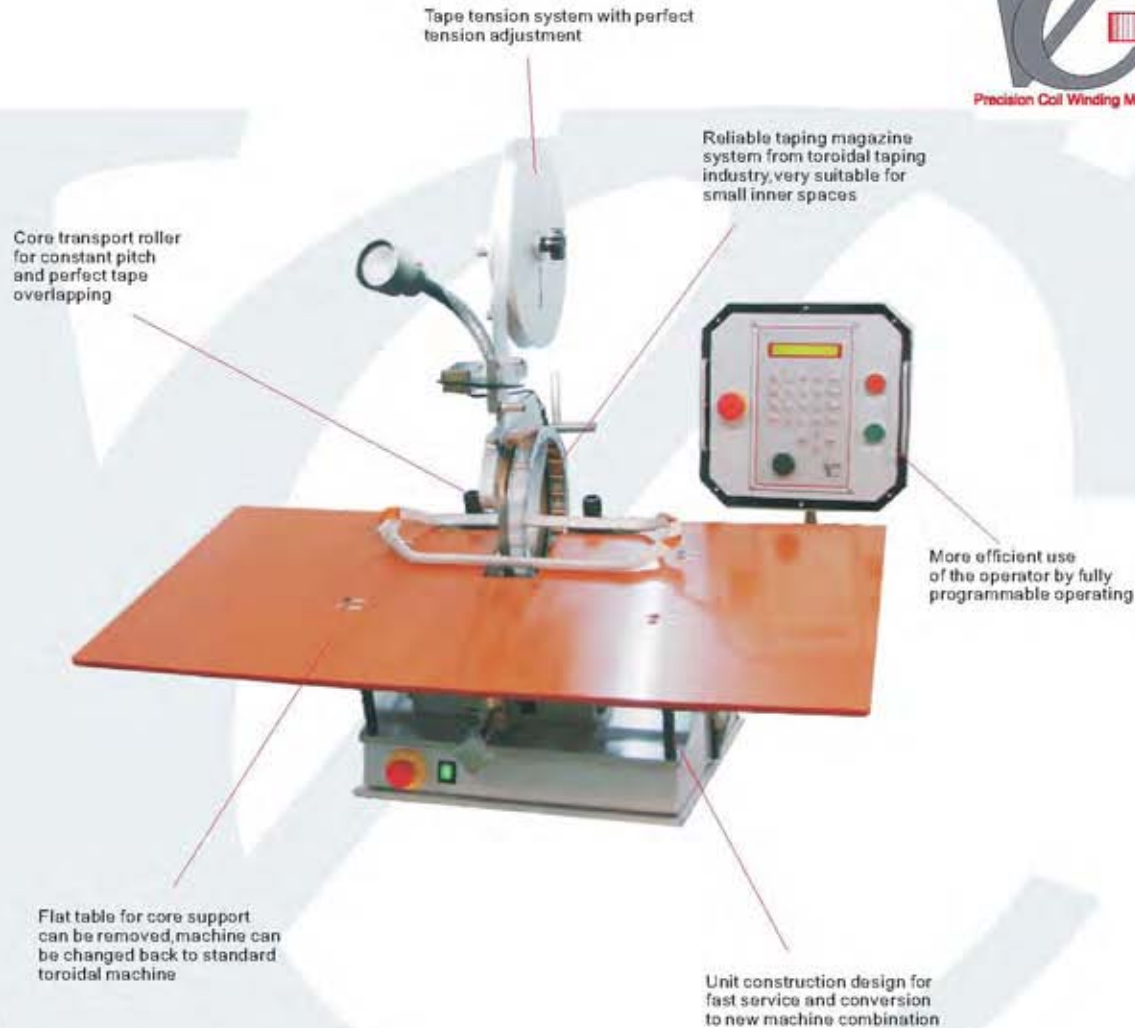
Example of taping magazine system



Example of tape dispenser system



Example flat core table



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

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 _{1/2}
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.

Change Program - with the new quick programming knob you have immediate access to all parameter.