



The fully automatic toroidal winder – MAN2011



Winding Range:

min-max id: 25.4 - 135 mm, max. od: 225 mm, width range: 10 - 80 mm





The digital Ruler



Wireless VPN connection.



System Pressures.





Languages



Winding Speed



MAN2011 :

- The cost & time saving clever solution.
- Built-in Touchless Magnetostrictive Measuring System.
- User Planned Speed Modeling System.
- Panasonic Servo System.













What makes MAN2011 different than other Core Winders?

1) Extreme wide winding range :

min-max id: 25.4 - 135 mm , max. od: 225 mm , width range: 10 - 80 mm

2) Built-in Touchless Magnetostrictive Measuring System:

designed by LARA ltd. – extreme, precise and speedy.

3) It is an open system : the user can choose his own winding style and set all the data from the LCD screen according to the materials physical characteristics.

4) The PC-controlled Observation Module: The user can log on to the winder from his PC and observe the machine through the internet .

5) The easiest way to handle: The user can solve all problems and failures during the production by himself. Nevertheless if the user demands our assistance , our team is ready to assist you in the shortest time .

6) Parts of Industry-leading brands have been used during the assembling of the winder. (Panasonic, Siemens, Schneider, Fimer, SMC etc.)

7) Menu options in English - Spanish - German - Portuguese – Czech -Russian....languages

8) Core database which helps very easy to select the right winding parameters.

9) According each different core dimension automatic pressure regulation will be done with the pressure regulators.

10) CE approved.







Contact details :

Navel Toolings





What is the purpose of the ASC system ?

The ASC system has been developed in order to control the speed of the decoiler automatically. The speed will be abjusted according the situation from the PLC controller . The turn frequency will be always optimised. It is a energy saving speed modelling system which is developed by LARA.





Piston Pressure Regulation Screen



Piston Pressure Regulation from LCD screen:

Pressure will be regulated with the SMC-Regulator with extreme precision.



The Userfriendly Core Setup Database

	ORE DUT CUT	MANUEL AUTOMATIC AUTOMATIC
STARI)		
RECORD LIST		
RECORD NR. RECORD		ACTUAL
1 100-130/40		100-130/40
< > TURN: 5		TURN: 00005
SERVO WINDING SPEED: 035000		SERVO WINDING SPEED: 35000
SPEED Coefficient: 210	>	SPEED Coefficient: 00210
Multiplier: 175		Multiplier: 00175
1.WELDING DISTANCE: 32000		1.WELDING DISTANCE: 32000
2.WELDING DISTANCE: 045000	/	2.WELDING DISTANCE: 45000
Jog Start DISTANCE: 016500	R	Jog Start DISTANCE: 16500
TARGET DISTANCE (mm): 100.0		TARGET DISTANCE (mm): 100.0
Slowing Border (mm): 085.0		Slowing Border (mm): 085.0
PISTON 1: 300 bar 4: 590		PISTON 1: 00300 bar 4: 00590
PISTON 2: 1300 bar 5: 50		PISTON 2: 01300 bar 5: 00050
PISTON 3: 1330 bar		PISTON 3: 01330 bar
		11 100

Storing of different Core sizes in the Database:

The user can select from the database the core size, load it to the memory and can start the production (Piston pressures are added too).

L	BACK <											
7	105-130/40	16	18	31	46		81		78		21	1
2	N 2	17	100-130/48	32	47		62		77	1.	2	1
3	1	18	100-130/40	33	48		63		78	9	3	i
4	-	19	19	34	49		54		79		a	il
5	5	20	50-80/MD	35	50	50 6	35		80	9	5	
0	100-1.80/40	21		36	51	0	300		81	96		
7	100.130/40	22		37	52	6	37		82	97		
0	3	23		38	53	0	18		83	98		
0	y	24		39	54	6	19		64	99		
10	10	25	25	40	55	7	0		85	100	100	
33	Ц	26		41	50	7	1		86	101		
12	10	27		42	57	7	2		87	102		
12	ii	28		43	56	73	3		88	103	1	
14	100-130/40			44	59	74	4	2	39	104		
3.52	15	30		45	00	73	5		00	05		



The real-time distance measurement screen



Winding with the digital Ruler:

The user can observe from the screen the real-time core measures.









Contact details :

email: info@core-winder.com http://www.core-winder.com