

MOD. CA

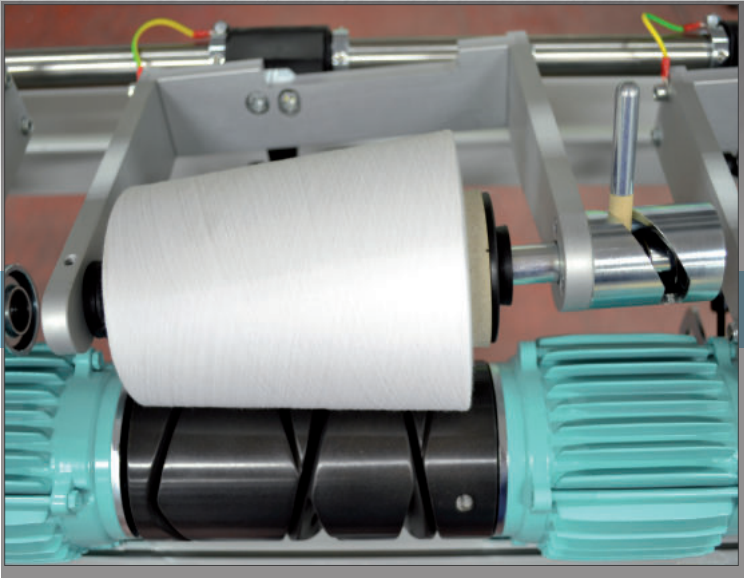
ELECTRONIC CONE WINDING MACHINE WITH GROOVED DRUM

Designed to **rewind packages after dyeing** and **produce a measured length** and **waxed package** suitable for knitting and weaving

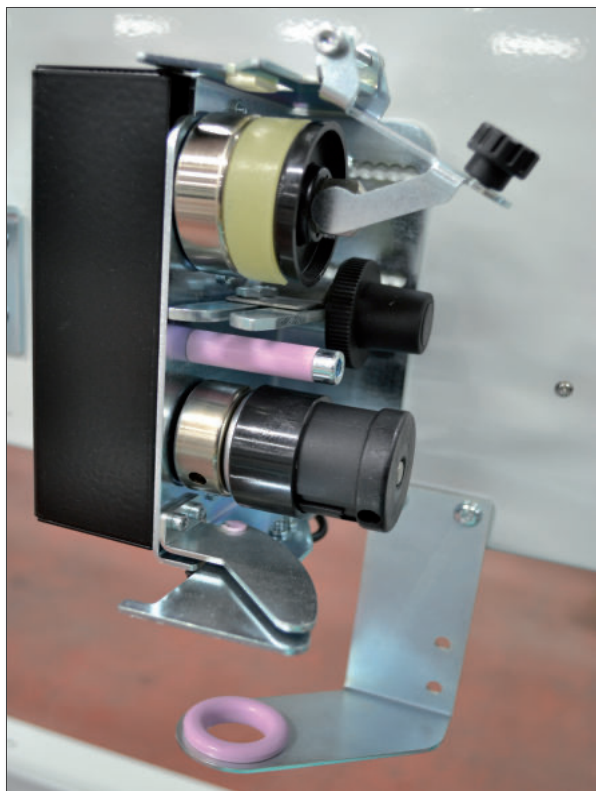


TECHNICAL DATA

- **Vertical threading**
- Machine configuration up to **96 spindles**, with programmable control unit with digital display showing production and machine operational data
- The CA winder can simultaneously run at **two different speeds** and with **two different lots of yarn** (optional)
- **High precision electronic meter** counter with setting up to 6 different groups simultaneously
- **Electronic anti patterning system** programmable by the control panel
- Individual AC coaxial motor per spindle run by inverter
- Start/stop button
- Under machine creel with universal bobbin holder
- Overhead package holder



- 1
- Gas controlled arm pressure (6 and 8 inch)** to accurately control the package density and tailstock with spring for axial compensation



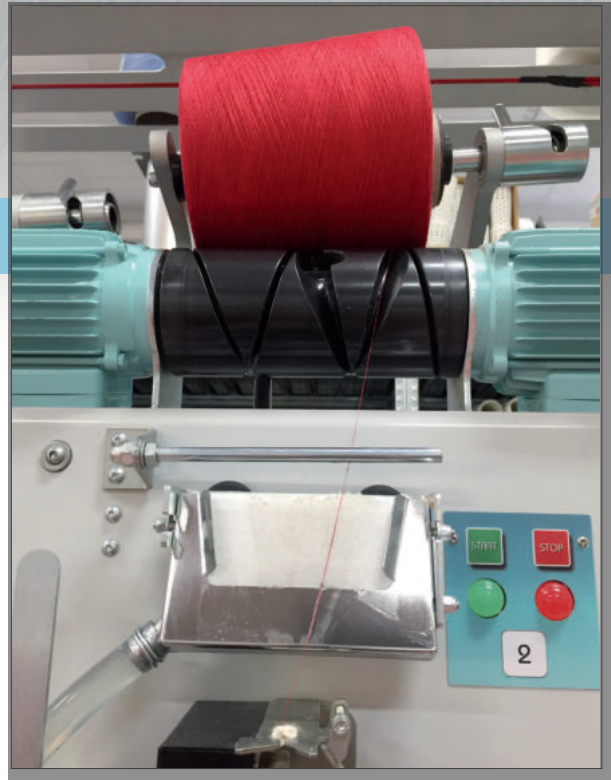
- 2
- Counter rotating motorized **waxing device**
 - Self-cleaning motorized **yarn tensioner**
 - **Optical yarn** detection sensor
 - Micrometric **slub catcher**



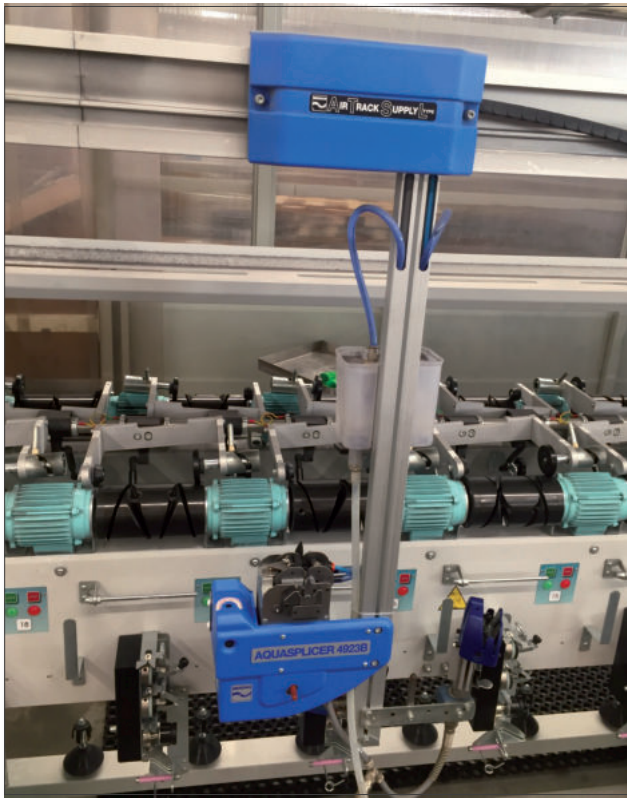
- 3
- Programmable control unit with digital display** showing production and machine operational data



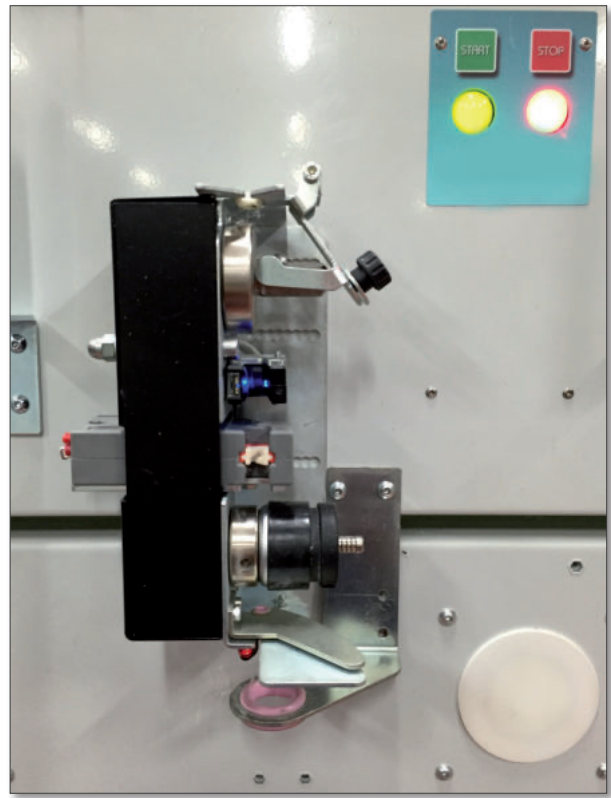
4



5



6



7



8

UPON REQUEST, THE CA WINDER CAN BE SUPPLIED WITH:

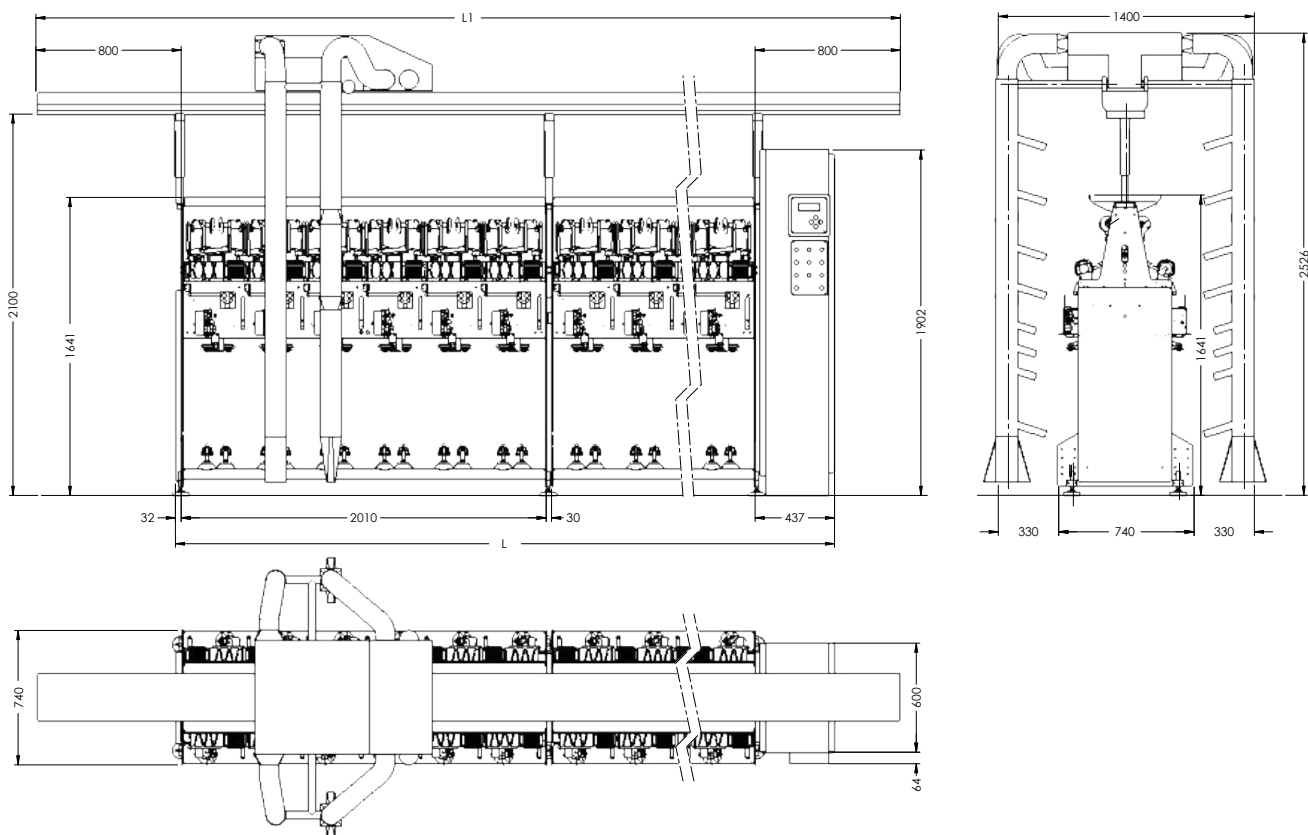
- *Electro-Jet* overhead trolley blower (photo 4)
- *LubrifiL* oiling device (photo 5)
- *Splicer Mesdan ATS* (photo 6)
- *BTSR* optical sensor clearer (photo 7)
- Double counter rotating motorized waxing device (photo 8)

MOD. CA 6 inch (152 mm)

TECHNICAL DATA

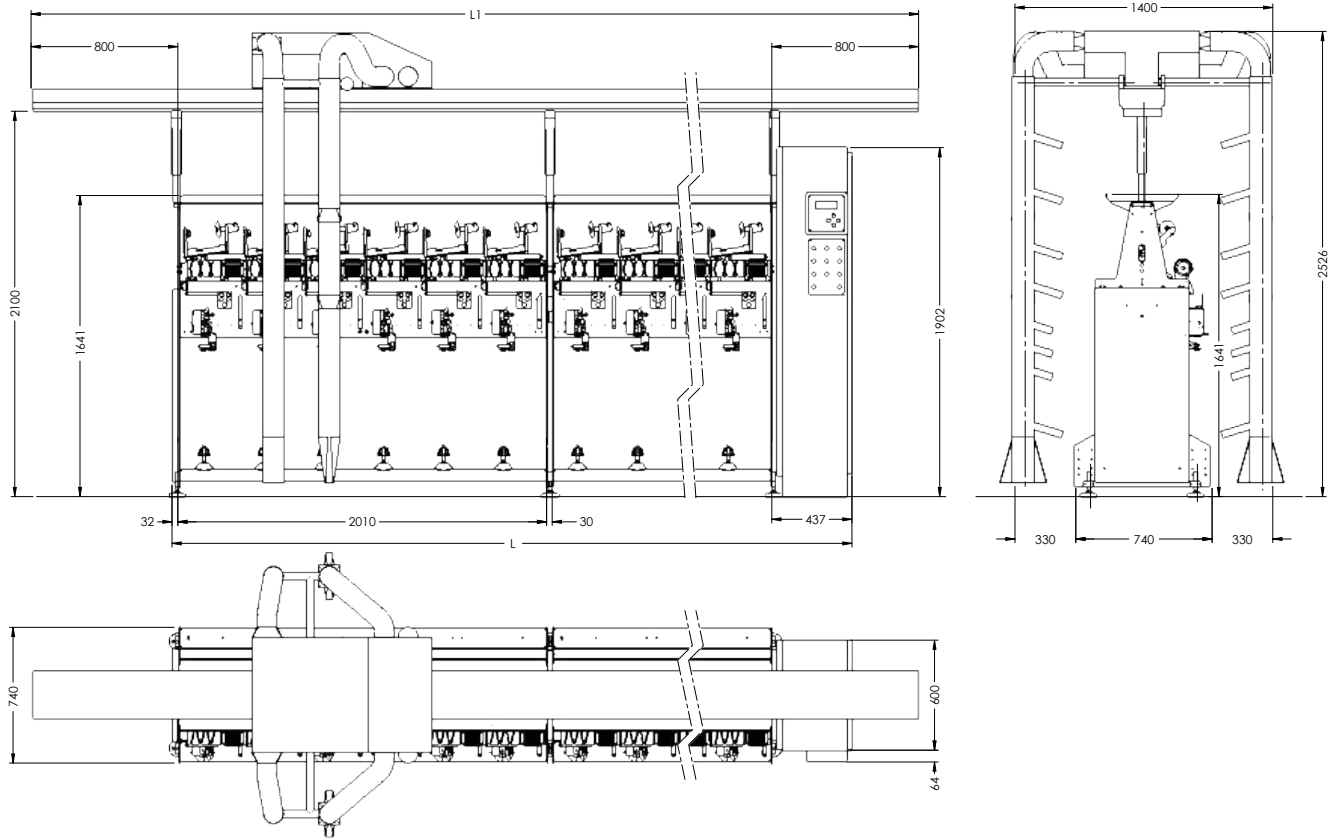
Machine configuration CA - 6 inch (152 mm)	from 6 up to 60 spindles, single sided (6 spindles per unit) from 12 up to 96 spindles, double sided (12 spindles per unit)
Yarn traverse	6 inch (152 mm)
Conicity	0°00' - 3°30' - 4°20' - 5°57' - interlocking bobbins and Biko-press dyeing tubes
Package's diameter	up to 290 mm
Feeding package's diameter	up to 300 mm
Motorization	individual AC coaxial motor per spindle
Voltage supply	400V 3phase - 50/60Hz
Power installed	0,09 Kw per spindle
Take-up speed	from 250 to 1200 m/min
Grooved drums available	Ø 82 mm, 2,5 turns variable pitch, crossover angle 17° Ø 95 mm, 2 turns variable pitch, crossover angle 20°

CA 6 inch (152 mm) double sided configuration with overhead trolley blower



Number of heads	12 heads	24 heads	36 heads	48 heads	60 heads	72 heads	84 heads	96 heads
Length L (mm)	2479	4519	6559	8599	10639	12679	14719	16759
Length L1 (mm)	3610	5650	7690	9730	11770	13810	15850	17890
Machine weights (Kg)	660	1060	1460	1860	2260	2660	3060	3460
Power installed (Kw)	3.96	5.04	6.12	7.2	8.28	9.36	10.44	11.52

CA 6 inch (152 mm) single sided configuration with overhead trolley blower



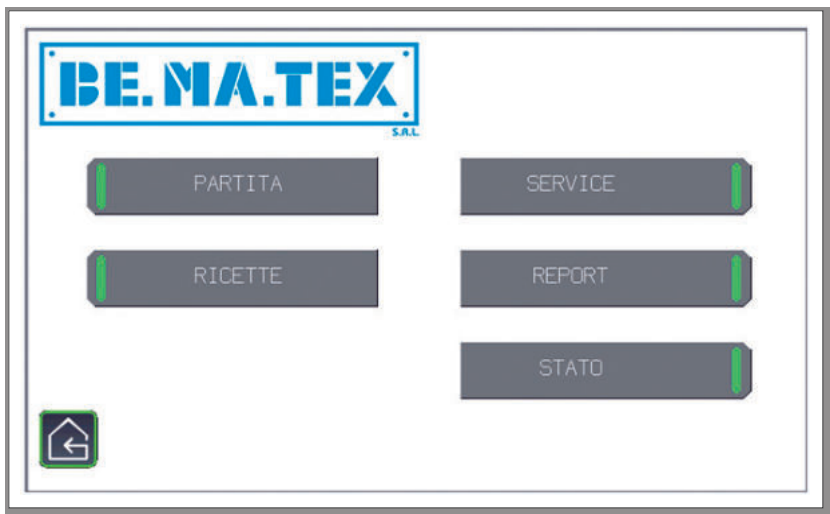
Number of heads	6 heads	12 heads	18 heads	24 heads	30 heads	36 heads	42 heads	48 heads	54 heads	60 heads
Length L (mm)	2479	4519	6559	8599	10639	12679	14719	16759	18799	20839
Length L1 (mm)	3610	5650	7690	9730	11770	13810	15850	17890	19930	21970
Machine weights (Kg)	555	850	1145	1440	1735	2030	2325	2620	2915	3210
Power installed (Kw)	3.42	3.96	4.5	5.04	5.58	6.12	6.66	7.2	7.74	8.28



PLC TOUCH SCREEN

FOR REMOTE INTERCONNECTION

and **integration** with the **mill's operating system**



The main menu gives access to the functions of the machine:

ORDER: layout of the working operations

LOT: import/use of the parameters of previous orders

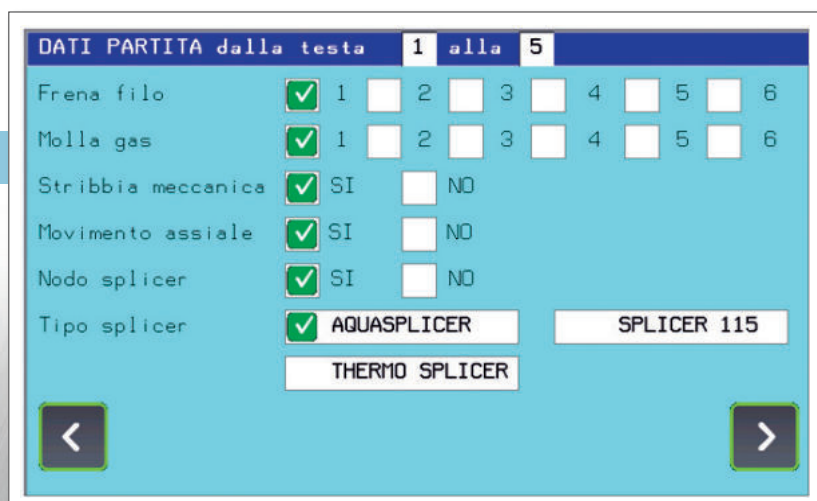
REPORT: final report of the operation

SERVICE: technical set up of the parameters

STATUS: situation of the order in process



Screen for the selection of the parameters of the order



Set up selection

DATI PARTITA dalla testa **1** alla **5**

Ora inizio : del / /

Chilogrammi prodotti Kg

Ora fine : del / /

ATTENZIONE!! ATTESA PRESSIONE START PARTI

Display of date - start and ending time of the order - total production in kg

STATO MACCHINA

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96

Display of the working spindles, running or stopped

REPORT N. **1**

PARTITA dalla testa **4** alla **6**

PARTITA N. COMPOSIZIONE FILATO

TITOLO FILO / Nm VELOCITA AVVOLGIMENTO mt/min

PARAFFINA N.PESI SFASATURA

FRENA FILO MOLLA GAS % Sovralimentazione

Stribbia meccanica % Frenatura rullo raccolta

Nodo splicer % Frenatura sovralimentazione

Tipo splicer Movimento assiale

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A written report is released any time an ORDER is concluded. The screen shows all the parameters used for the ORDER

GESTIONE RICETTE NOME

Partita n.

Composizione filato

Titolo filo / Nm

Velocita avvolgimento mt/min

Sfasatura 1 2 3 OFF

% Sovralimentazione

In the LOT section one can import, insert, use and delete the previously programmed set-up.



PRODUCTION LINE

