

MOD. PE 10 inch (250 mm)

ELECTRONIC CONE WINDING MACHINE WITH GROOVED DRUM

Designed for **rewinding operations** and to **prepare dyeing packages**



TECHNICAL DATA

- **Electronic yarn feeder** with yarn overfeeding (+1% - +50%) adjustable from the programmable control unit
The machine can be programmed to run with two different overfeed levels (optional)
- **BTSR optical sensor clearer**, suitable also for fancy yarns
- The machine can be fed with ring tubes and cops up to the **maximum length of 500 mm**

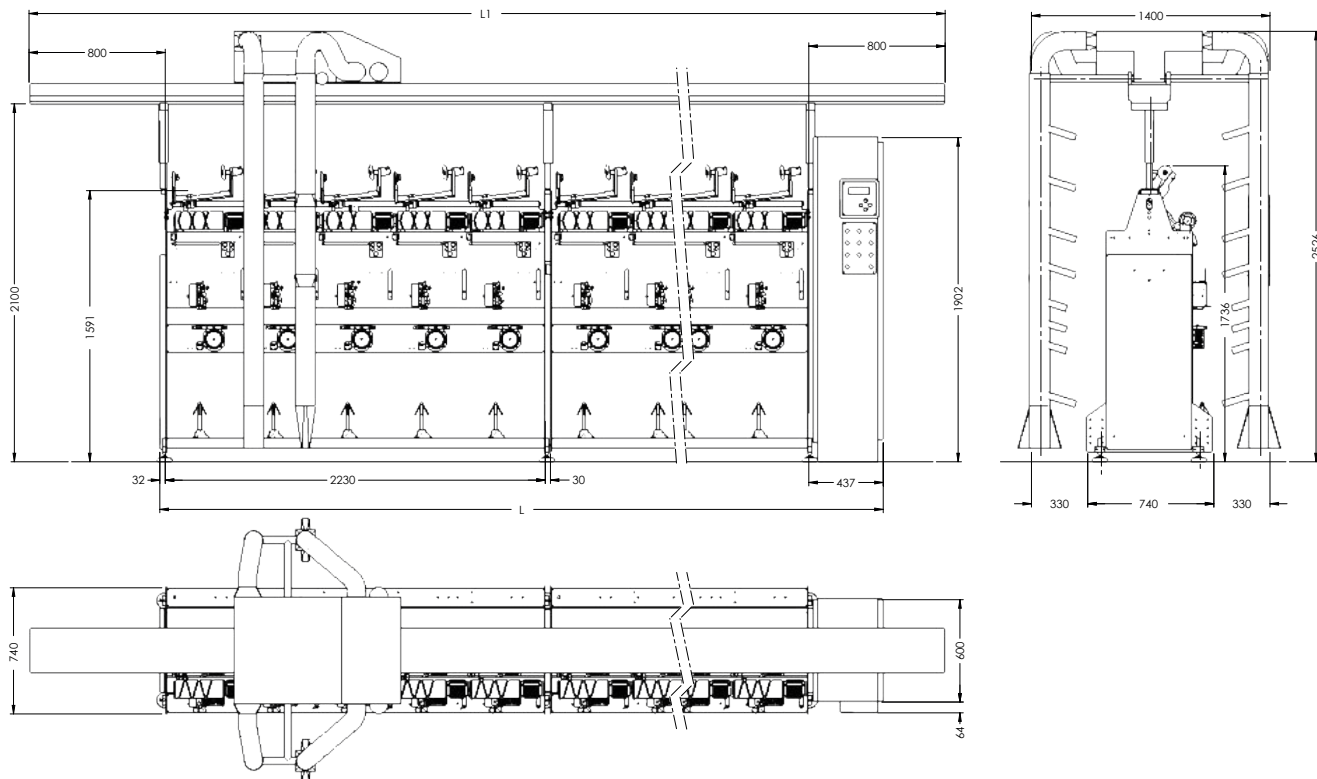


MOD. PE 10 inch (250 mm)

TECHNICAL DATA

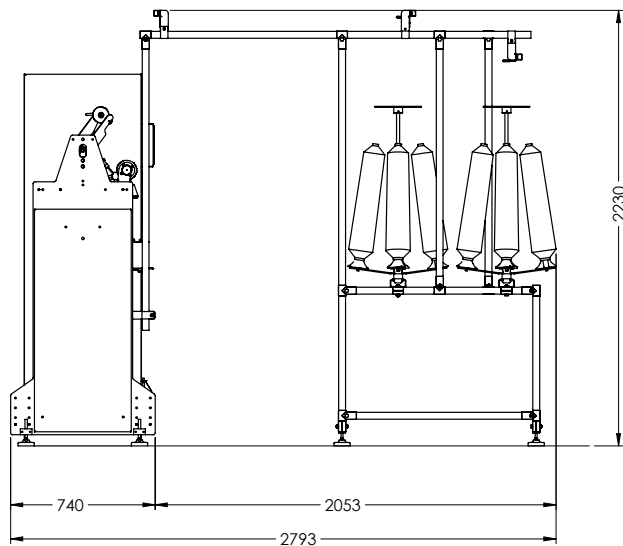
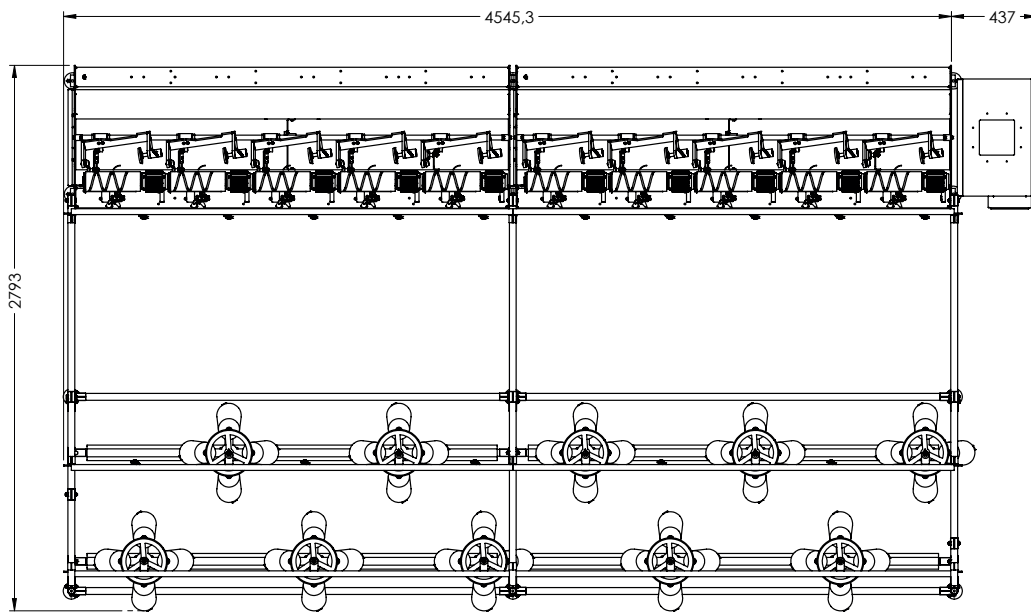
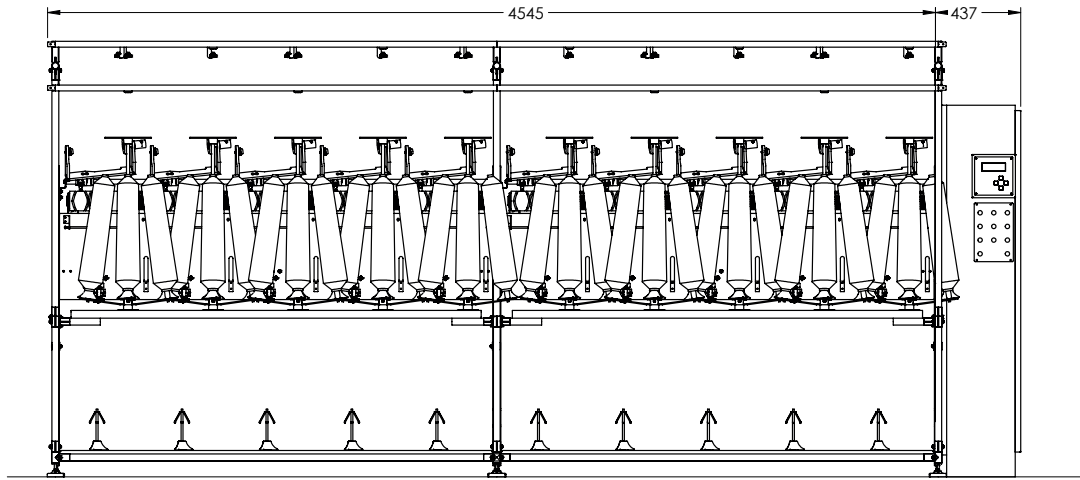
Machine configuration PE - 10 inch (250 mm)	from 5 up to 30 spindles single sided (5 spindles per unit)
Yarn traverse	10 inch (250 mm)
Conicity	0°00' - 3°30' - 4°20' - 5°57'
Package's diameter	up to 290 mm
Feeding package's diameter	up to 300 mm
Height of the feeding spool	up to 500 mm
Motorization	individual AC coaxial motor per spindle
Voltage supply	400V 3phase - 50/60Hz
Power Installed	0,12 Kw per spindle. Total absorption per spindle equipped with yarn overfeeding system: 0,21 Kw
Take-up speed	from 250 to 900 m/min
Grooved drums available	Ø 100 mm, 2,5 turns constant or variable pitch Ø 126 mm, 2,5 turns variable pitch

PE 10 inch (250 mm) single sided configuration with overhead trolley blower



Number of heads	5 heads	10 heads	15 heads	20 heads	25 heads	30 heads
Length L (mm)	2699	4959	7219	9479	11739	13999
Length L1 (mm)	3830	6090	8350	10610	12870	15130
Machine weights (Kg)	583	906	1229	1552	1875	2198
Power installed (Kw)	3.6	4.5	5.4	6.3	7.2	8.1

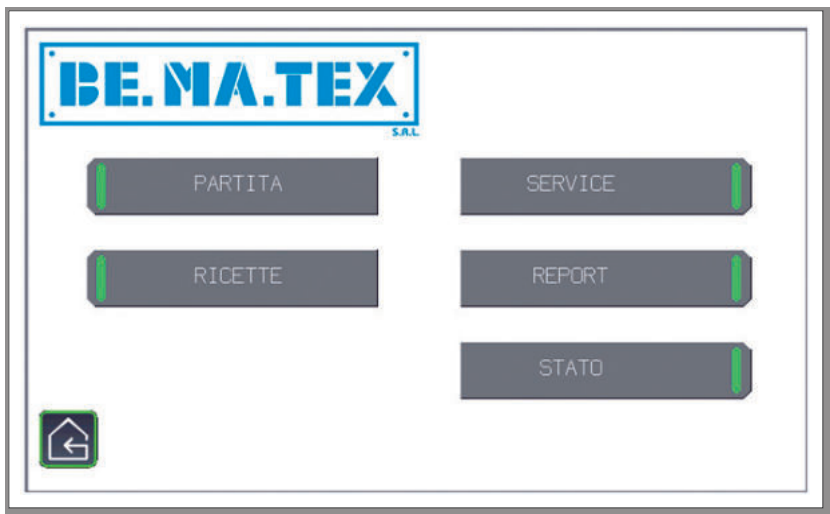
PE 10 inch (250 mm) fed from external creel



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

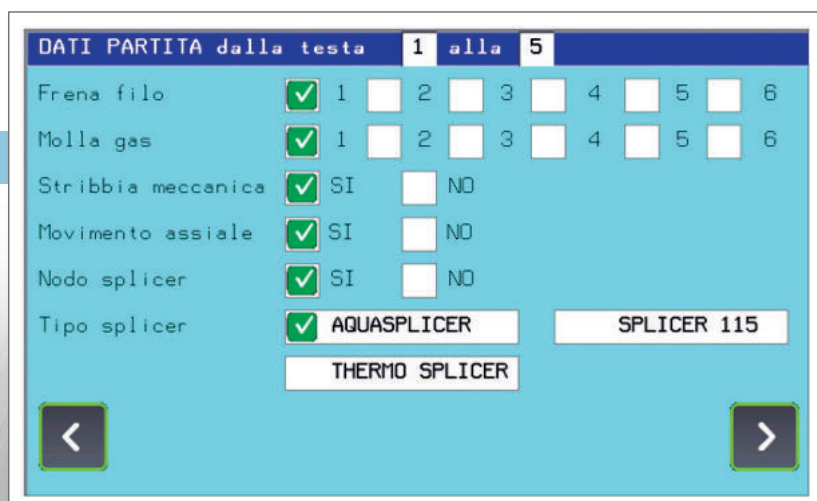
REPORT: final report of the operation

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.