

PRODUCTION OUTPUT VALID FOR 2 LINES

ELECTRIC VERTICAL ENAMELLING MACHINE

COMPACT F

Wire section	b	h	A	Hydr. ø	PVA Grade 1			Usage
[mm]	[mm]	[mm]	[mm ²]	[mm]	[m/min]	[kgh/line]	[mTons per month]	[kwh/kg]
2,00 x 1,50	2,00	1,50	3,00	1,71	19,8	63,7	46	0,92
4,00 x 2,00	4,00	2,00	8,00	2,67	12,6	108,0	78	0,88
5,00 x 2,00	5,00	2,00	10,00	2,86	11,6	124,3	90	0,82
6,00 x 2,50	6,00	2,50	15,00	3,53	9,3	149,5	108	0,66
7,10 x 3,15	7,10	3,15	22,37	4,36	7,4	177,4	128	0,57
8,00 x 3,15	8,00	3,15	25,20	4,52	7,1	191,7	138	0,54
9,00 x 3,15	9,00	3,15	28,35	4,67	6,8	206,6	149	0,55
10,0 x 3,55	10,00	3,55	35,50	5,24	6,7	254,9	184	0,56
12,5 x 4,00	12,50	4,00	50,00	6,06	5,3	284,0	204	0,52
14,0 x 3,00	14,00	3,00	42,00	4,94	6,5	292,5	211	0,53
16,0 x 3,55	16,00	3,55	56,80	5,81	5,4	328,7	237	0,66
16,0 x 5,00	16,00	5,00	80,00	7,62	4,2	360,1	259	0,67
20,0 x 4,00	20,00	4,00	80,00	6,67	3,1	265,8	191	0,75
25,0 x 2,00	25,00	2,00	50,00	3,70	8,2	439,4	316	0,75
25,0 x 2,50	25,00	2,50	62,50	4,55	5,8	388,5	280	0,77

SINGLE LINE [2 OVENS/2 LINES]

Suitable for the production of flat enamelled copper and aluminum wire

H.W. Bennett Non Ferrous Paper Award*

NO
installation cost



Machine totally
wired

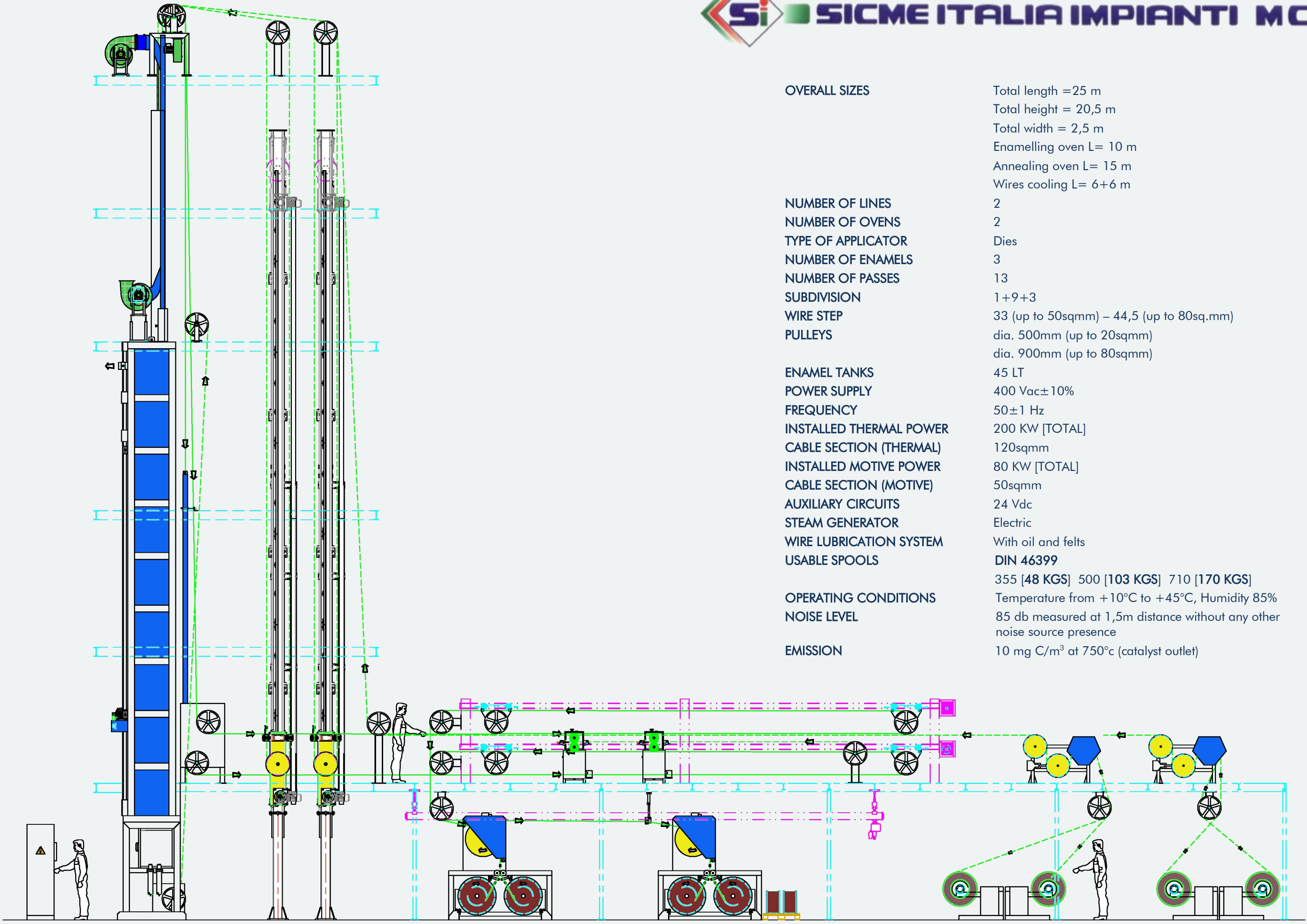


Plant running speeds depend on various factors such as enamel characteristics, copper quality, number of passes and so on. Under normal running conditions, the plant will run the above indicated speed when using good quality materials and enamels by us suggested having solid content in this range 25%. The final quality level is in compliance with the IEC standards. During commissioning acceptance test will be considered positive if production speeds values will be reached at 85%. Information is correct and accurate to the best of our knowledge; it is given in good faith and it does not bear any legal value.

* Award for research and fulfillment of gas enamelling ovens - RESULT: STANDARD ENERGY EXPENSE/3

Machines produced according to "CE" standards and the tutelage of: Made in Italy 100% certificate, registration nr. IT01.IT/1110.094.V

Acts according to system IT01 - 100% Original Italian Quality



OVERALL SIZES

Total length = 25 m
 Total height = 20,5 m
 Total width = 2,5 m
 Enamelling oven L= 10 m
 Annealing oven L= 15 m
 Wires cooling L= 6+6 m

NUMBER OF LINES

2

NUMBER OF OVENS

2

TYPE OF APPLICATOR

Dies

NUMBER OF ENAMELS

3

NUMBER OF PASSES

13

SUBDIVISION

1+9+3

WIRE STEP

33 (up to 50sqmm) – 44,5 (up to 80sq.mm)

PULLEYS

dia. 500mm (up to 20sqmm)
 dia. 900mm (up to 80sqmm)

ENAMEL TANKS

45 LT

POWER SUPPLY

400 Vac±10%

FREQUENCY

50±1 Hz

INSTALLED THERMAL POWER

200 KW [TOTAL]

CABLE SECTION (THERMAL)

120sqmm

INSTALLED MOTIVE POWER

80 KW [TOTAL]

CABLE SECTION (MOTIVE)

50sqmm

AUXILIARY CIRCUITS

24 Vdc

STEAM GENERATOR

Electric

WIRE LUBRICATION SYSTEM

With oil and felts

USABLE SPOOLS

DIN 46399

355 [48 KGS] 500 [103 KGS] 710 [170 KGS]

OPERATING CONDITIONS

Temperature from +10°C to +45°C, Humidity 85%

NOISE LEVEL

85 db measured at 1,5m distance without any other noise source presence

EMISSION

10 mg C/m³ at 750°C (catalyst outlet)