

The Worldwide Leader Group in Enamelling Machines Manufacturing

ELECTRIC HORIZONTAL ENAMELLING MACHINE

COMPACT

SINGLE LINE [2 OVENS/2 LINES]

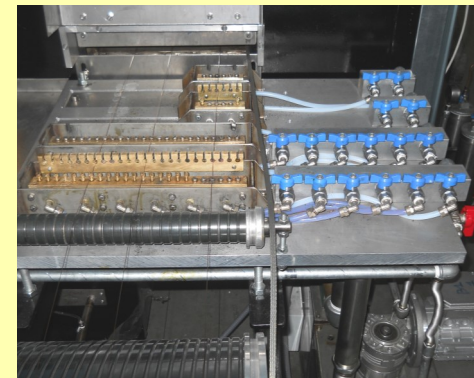
Suitable for the production of round enamelled copper and aluminum wire



Drawing machines & Lubrorefrigerant tank



Wire cleaner - patent pending



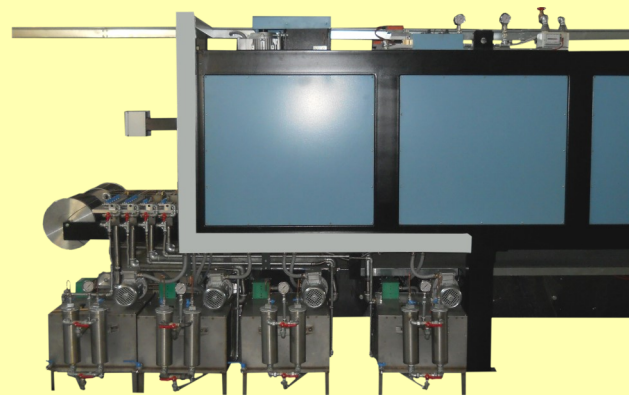
Enamel applicator - patent pending



Main Electric control board



Enamelling and annealing ovens



Enamel tanks and enamel applicator



Take up with automatic change over

H.W. Bennett Non Ferrous Paper Award*

NO
installation cost



Machine totally
wired



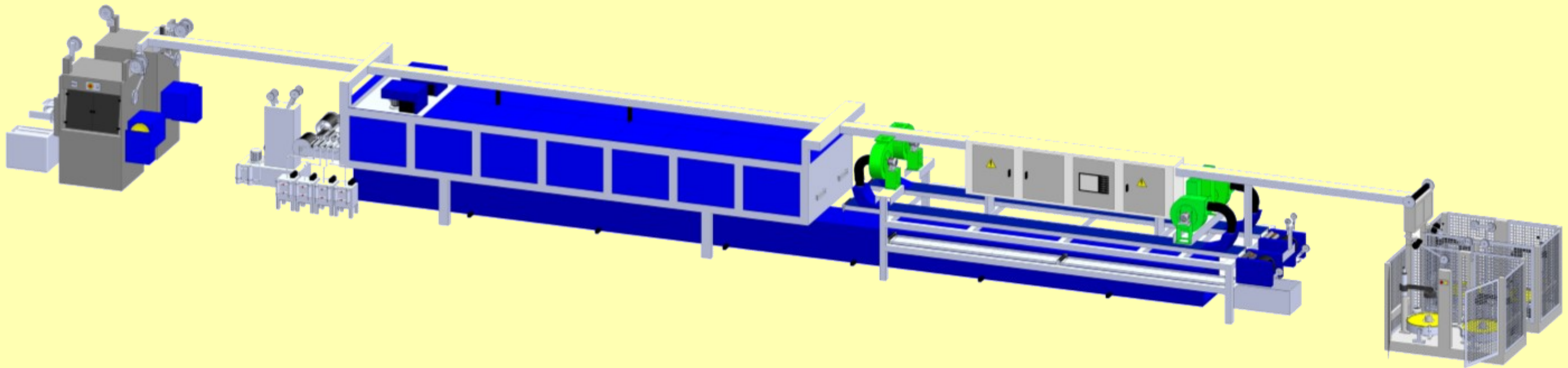
* Award for research and fulfillment of gas enamelling ovens - RESULT: STANDARD ENERGY EXPENSE/3

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

NEWS !!

Available as an option the device for creating a "tail" (L=200 mm approx) on wire end at spool changeover (on all spools up to 800 kg.)



NUMBER OF LINES	1+1
NUMBER OF OVENS	1+1
TYPE OF APPLICATOR	Dies
NUMBER OF ENAMELS	2 (3rd IS OPTIONAL)
NUMBER OF PASSES	24
SUBDIVISION	18+6 (2+18+4)
WIRE STEP	12mm
DRAWING MACHINE	15 Passes, 23%
MAX INLET DIAMETER	2,5mm
MIN. NR. OF DRAWING PASSES	3
FRONT INDEPENDENT IDLER	Dia. 325mm
REAR MOTORIZED IDLER	Dia. 325mm
RECIRCULATION FAN	Dia. 460mm
ENAMEL TANKS	45 LT
POWER SUPPLY	400 Vac±10%
FREQUENCY	50±1 Hz
INSTALLED THERMAL POWER	120 KW [TOTAL]
CABLE SECTION (THERMAL)	95 sqmm
INSTALLED MOTIVE POWER	60 KW [TOTAL]
CABLE SECTION (MOTIVE)	35 sqmm
AUXILIARY CIRCUITS	24 Vdc
STEAM GENERATOR	Electric system
WIRE LUBRICATION SYSTEM	With oil and felts

OVERALL DIMENSION

Compact 160

Total length = 25 m
 Total height = 2,1 m
 Total width = 2,5 m
 Enamelling oven L= 8,2 m
 Annealing oven L= 15 m
 Wires cooling L= 6 m

Compact 200 - Compact 300 - Compact 500

Total length = 26,5 m
 Total height = 2,1 m
 Total width = 2,5 m
 Enamelling oven L= 9,4 m
 Annealing oven L= 15 m
 Wires cooling L= 7 m

USABLE SPOOLS

CYLINDRICAL: 160 [KG 6,3] 200 [14 KGS] 250 [22 KGS]
 TAPERED: 200/315 [22 KGS] 250/400 [45 KGS] 315/500 [90KGS] 400/630 [190KGS]
 TAPERED: 500/800 [400KGS] (option)

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)

ROTATING PARTS

Idlers, rollers, pulleys, cones etc.. are chrome oxide coated