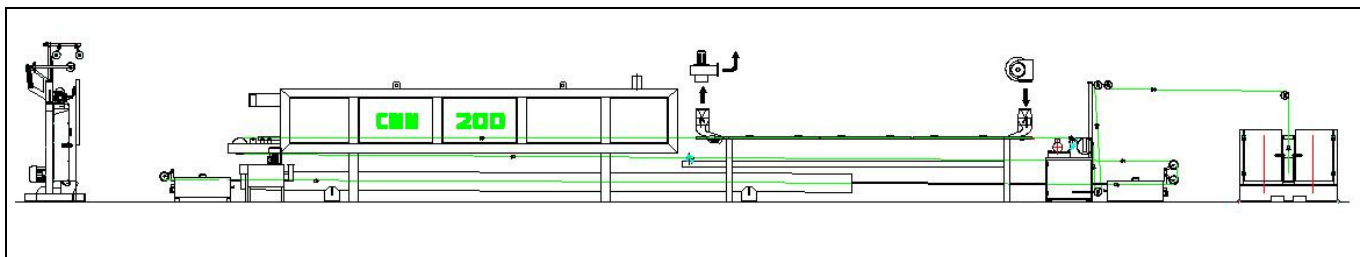
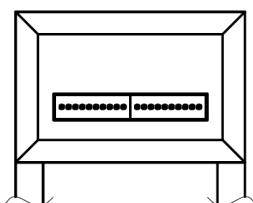


CONFIGURATION - ELECTRICAL DATA - OVERALL DIMENSION IN METER



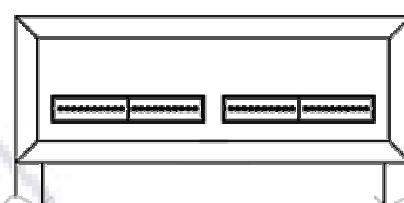
ONE OVEN TWO LINES



Thermal	KW	93	Cable	mm ²	50
Motive	KW	34	Cable	mm ²	16

Lenght = 21,5 Width = 1 Height = 2

TWO OVENS FOUR LINES



Thermal	KW	186	Cable	mm ²	95
Motive	KW	68	Cable	mm ²	25

Lenght = 23,5 Width = 1,7 Height = 2

APPROX ELECTRICAL CONSUMPTION

range[mm]	0,2	0,224	0,25	0,28	0,315	0,355	0,4	0,45	0,5
PEI KW	1,00	0,95	0,90	0,88	0,85	0,82	0,79	0,76	0,74
PU KW	0,90	0,86	0,83	0,81	0,78	0,75	0,72	0,69	0,67

- Bare wire pay-off with braking system - whiskers - or brake pulley
- Drawing machine ring type 19 passes - ring dia. 80mm capstan 120mm max Inlet dia 1,6 - scalar elongation from 31,8% to 19,6%
- Wire cleaning system after drawing machine
- Annealing oven total length: mt 13,5 - 2 temperature control
- Double dies applicator wire pitch 9 - 16 base - 8 top -
- Two enamel tanks in stainless steel 45/90 lt - two bypass filters, motors, pumps etc.
- Enamelling oven chamber length 8 mt
- Wires cooling system, length 6 mt counterflow fresh air
- Wire lubricating system, felts type, stainless steel tank, capacity 0,5 lt.
- Take up automatic - change over min spool Din 160 max 400/630 or similar
- Continuity tester with measurement field until 1500 Volts
- All Sheaves - cones - rollers are ceramic oxide covered

PRODUCTION SPEEDS

OUTPUT kg/h per line

IEC	AWG	PEI Grade 1		PU Grade 1	
[mm]	[---]	[m/min]	V*D	[m/min]	V*D

0,2	32	595	119	655	131
0,224	31	550	123	605	136
0,25	30	510	128	561	140
0,28	29	461	129	508	142
0,315	28	399	126	439	138
0,355	27	345	122	379	135
0,4	26	295	118	325	130
0,45	25	253	114	278	125
0,5	24	223	111	245	122

PEI Grade 1	PU Grade 1
[kgh/line]	[kgh/line]

9,98	10,98
11,57	12,73
13,36	14,70
15,15	16,70
16,60	18,26
18,23	20,02
19,79	21,80
21,48	23,60
23,37	25,68

Values for Grade 2 application, above guaranteed figures will be reduced by 10%

Values for second enamel (PAI or NY), above guaranteed figures will be reduced by 15%

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 33÷36% for PEI and 25÷27% for PU.

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 the 90%.