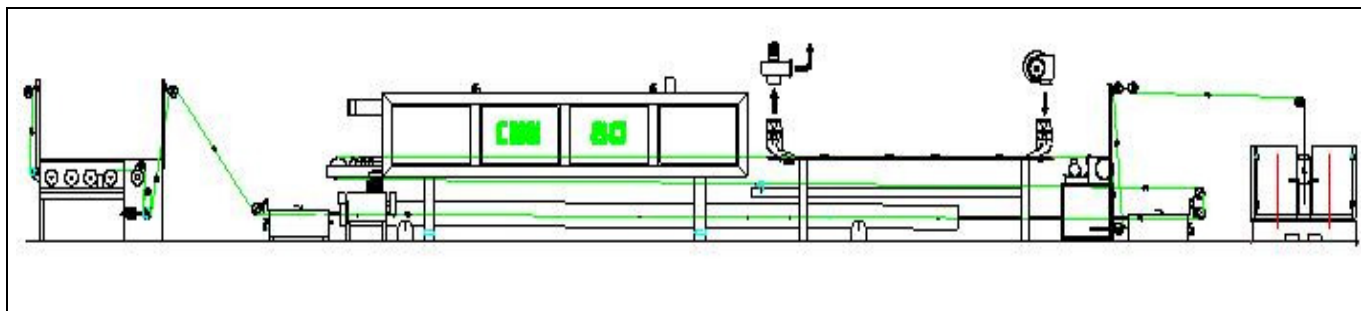
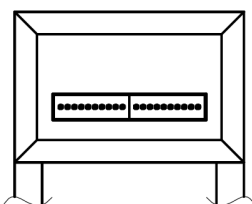


CONFIGURATION - ELECTRICAL DATA - OVERALL DIMENSION IN METER



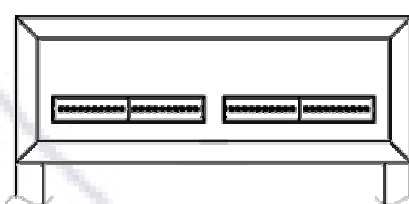
ONE OVEN TWO LINES



Thermal	KW	60	Cable	mm ²	35
Motive	KW	23	Cable	mm ²	10

Lenght = 19,5 Width = 1 Height = 2

TWO OVENS FOUR LINES



Thermal	KW	120	Cable	mm ²	70
Motive	KW	46	Cable	mm ²	15

Lenght = 21,5 Width = 1,7 Height = 2

APPROX ELECTRICAL CONSUMPTION

range[mm]	0,08	0,09	0,1	0,112	0,125	0,14	0,16	0,18
PEI KW	3,0	2,5	2,1	1,8	1,6	1,4	1,3	1,1
PU KW	2,4	2,2	1,9	1,6	1,4	1,3	1,2	1,0

- **Bare wire pay-off with braking system - whiskers - or brake pulley**
- **Drawing machine cones type, dia. 60/173 mm, 21 passes - max Inlet dia 0.743 - machine elongation 12,5% + 2%**
- **Wire cleaning system after drawing machine**
- **Annealing oven total length: mt 9 - 2 temperature control**
- **Double felts applicator wire pitch 8 - 22 base - 8 top - volumetric pump droved by laser system**
- **Two enamel tanks in stainless steel 45/90 lt - two bypass filters, motors, pumps etc.**
- **Enamelling oven chamber length 5 mt**
- **Wires cooling system, length 4,5m counterflow fresh air**
- **Wire lubricating system, felts type, stainless steel tank, capacity 0,5 lt.**
- **Take up automatic - change over min spool Din 200 max 315/400 or similar**
- **All Sheaves - cones - rollers are ceramic oxide covered**
- **Continuity tester with measurement field until 1500 Volts**

PRODUCTION SPEEDS

OUTPUT kg/h per line

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

0,08	40	760	61	836	67
0,09	39	715	64	787	71
0,1	38	674	67	741	74
0,112	37	625	70	687	77
0,125	36	554	69	610	76
0,14	35	485	68	534	75
0,16	34	414	66	456	73
0,18	33	364	66	400	72

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

2,04	2,24
2,43	2,67
2,83	3,11
3,29	3,61
3,63	4,00
3,98	4,39
4,44	4,89
4,94	5,43

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%.