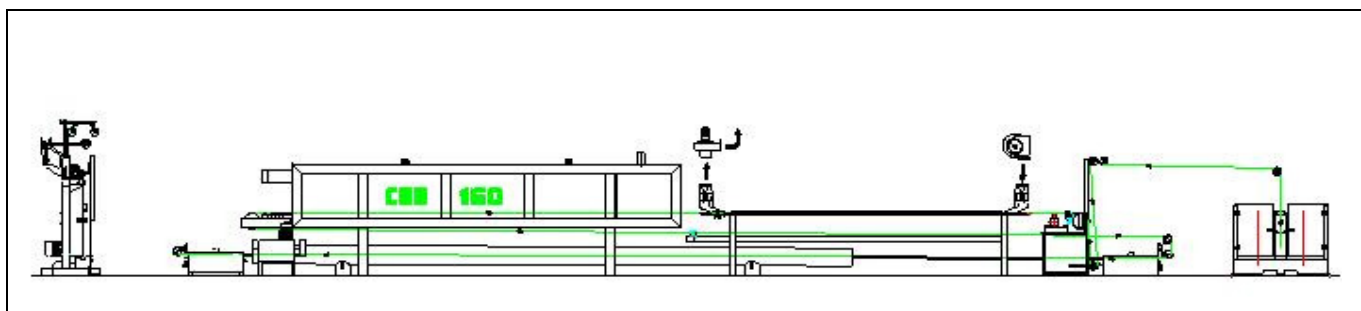
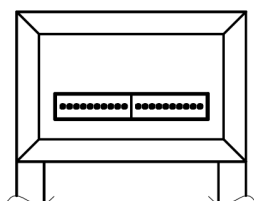


CONFIGURATION - ELECTRICAL DATA - OVERALL DIMENSION IN METER



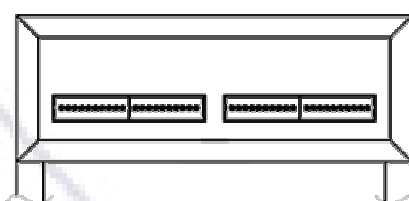
ONE OVEN TWO LINE



Thermal	KW	81	Cable	mm ²	50
Motive	KW	28	Cable	mm ²	10

Lenght = 21,5 Width = 1 Height = 2

TWO OVENS FOUR LINES



Thermal	KW	162	Cable	mm ²	95
Motive	KW	56	Cable	mm ²	25

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

APPROX ELECTRICAL CONSUMPTION

range[mm]	0,16	0,18	0,2	0,224	0,25	0,28	0,315	0,355
PEI KW	2,0	1,8	1,6	1,4	1,3	1,1	1,0	0,9
PU KW	1,8	1,7	1,4	1,3	1,2	1,0	0,9	0,8

- **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 6,5 mt
- **Wires cooling system**, length 6mt 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
- **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

0,16	34	531	85	584	94
0,18	33	483	87	532	96
0,2	32	425	85	468	94
0,22	31	371	83	408	91
0,25	30	324	81	356	89
0,28	29	282	79	310	87
0,32	28	241	76	265	84
0,355	27	206	73	226	80

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

5,70	6,50
6,56	8,15
7,13	9,39
7,80	10,33
8,49	11,21
9,27	12,32
10,02	13,35
10,88	14,58

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%.