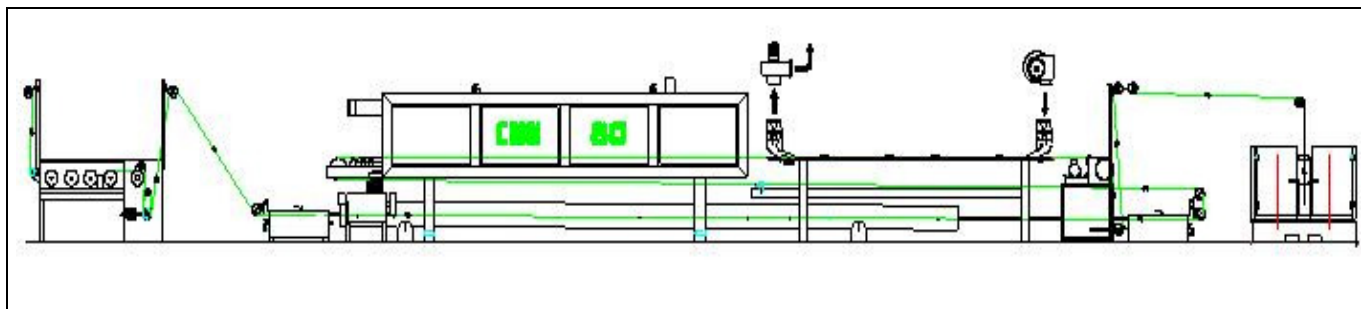
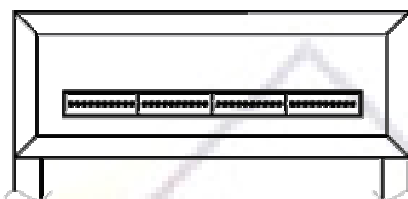


CONFIGURATION - ELECTRICAL DATA - OVERALL DIMENSION IN METER



ONE OVEN FOUR LINES



Thermal KW 120 Cable mm² 70
Motive KW 46 Cable mm² 15

Lenght = 21,5

Width = 2

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	2,80	2,36	1,99	1,70	1,51	1,32	1,23	1,04
PU KW	2,27	2,08	1,80	1,51	1,32	1,21	1,09	0,95

- **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 4,5mt counterflow fresh air**
- **Wire lubricating system felts type stainless steel tank capacity 0,5 lt.**
- **Take up automatic change over - spool min 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	684	55	753	60
0,09	39	644	58	708	64
0,1	38	606	61	667	67
0,112	37	562	63	619	69
0,125	36	499	62	549	69
0,14	35	437	61	481	67
0,16	34	373	60	410	66
0,18	33	328	59	360	65

PEI Grade 1
[kgh/line]

1,84
2,19
2,54
2,96
3,27
3,59
4,00
4,45

PU Grade 1
[kgh/line]

2,02
2,40
2,80
3,25
3,60
3,95
4,40
4,89

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%.