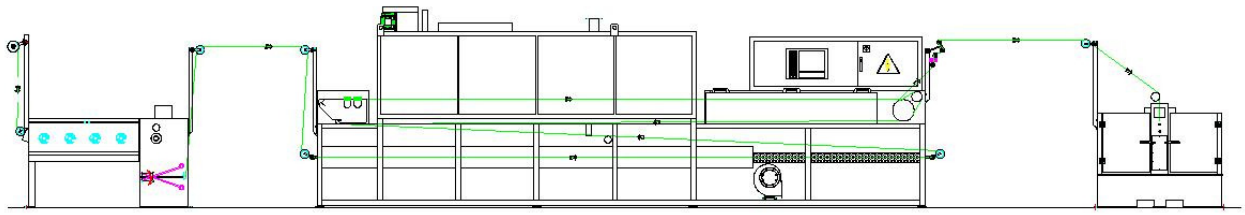
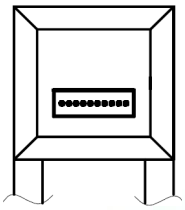
CNN 50 (RANGE 0,05-0,09 IEC)

CONFIGURATION – ELECTRICAL DATA – OVERALL DIMENSION IN METER



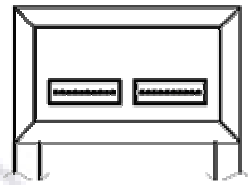
ONE OVEN TWO LINES



Thermal	KW	40	Cable	mm²	35
Motive	KW	21	Cable	mm²	10

Lenght = 13,5 Width = 1 Height = 2

TWO OVENS FOUR LINES



Thermal	KW	80	Cable	mm²	70
Motive	KW	42	Cable	mm²	15

Lenght = 15,5 Width = 1,7 Height = 2

APPROX ELECTRICAL CONSUMPTION

range[mm]	0,05	0,056	0,6	0,063	0,071	0,08	0,09
PEI KW	3,0	2,5	2,1	1,8	1,6	1,4	1,3
PU KW	2,4	2,2	1,9	1,6	1,4	1,3	1,2

- **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 5,5 - 2 temperature control
- **Double felts applicator** wire pitch 6,5 - 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 3 mt
- **Wires cooling system**, length 2,5mtcounterflow 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

PRODUCTION SPEEDS

OUTPUT kg/h per line

IEC	AWG	PEI Grade 1		PU Grade 1		PEI Grade 1	PU Grade 1
[mm]	[---]	[m/min]	V*D	[m/min]	V*D	[kgh/line]	[kgh/line]
0,05	44	1100	55	1200	60	1,15	1,26
0,056	43	1036	58	1107	62	1,36	1,46
0,06	42½	1033	62	1083	65	1,56	1,63
0,063	42	1016	64	1079	68	1,69	1,80
0,071	41	986	70	1056	75	2,08	2,23
0,08	40	825	66	1000	80	2,21	2,68
0,09	39	711	64	833	75	2,41	2,83

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%.