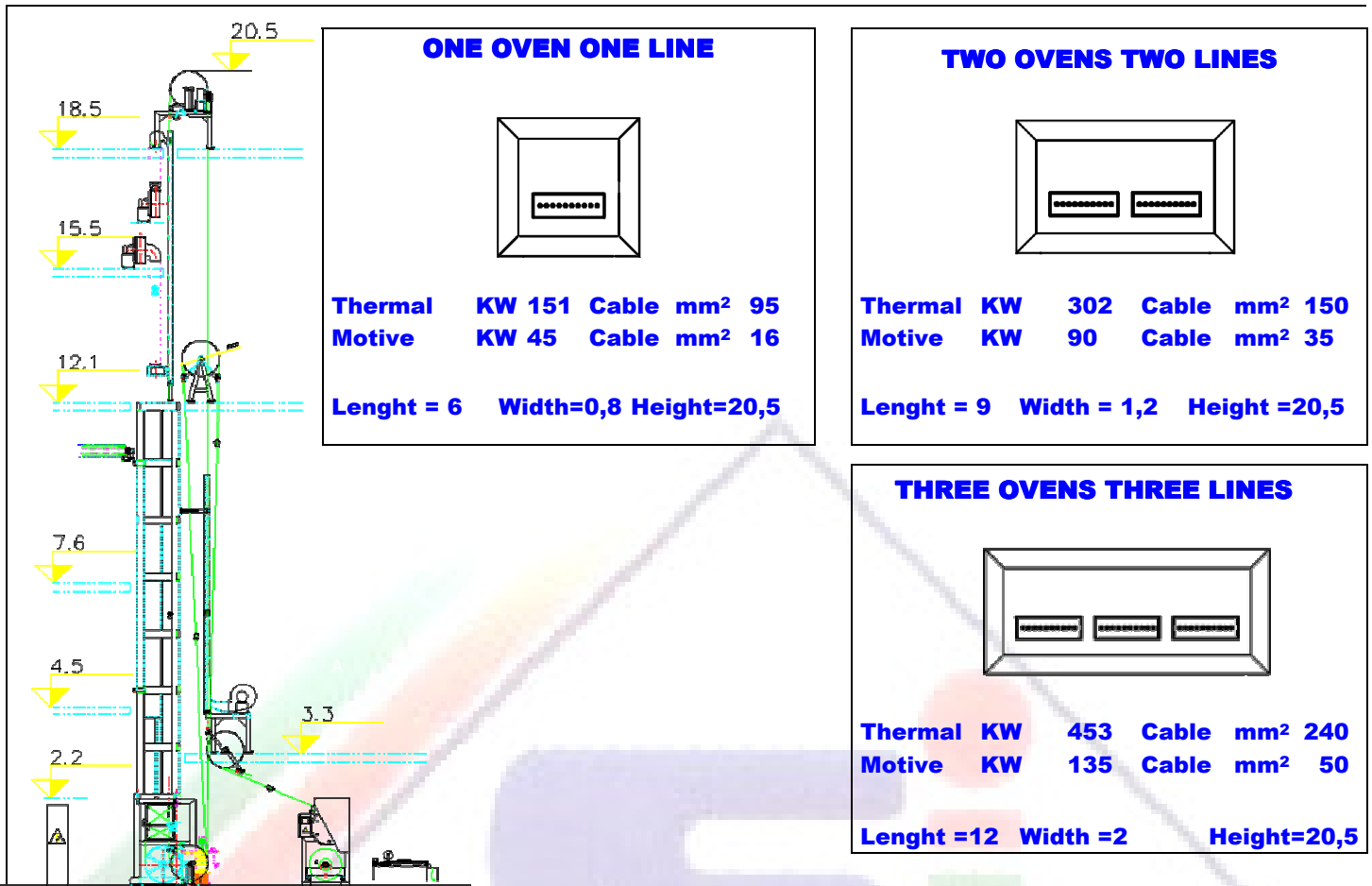


# XCV FLAT

(RANGE up to 80mm<sup>2</sup>)

## CONFIGURATION - ELECTRICAL DATA - OVERALL DIMENSION IN METER



### APPROX ELECTRICAL CONSUMPTION

range[ØHydr.mm]	1,71	2,67	2,86	3,53	4,36	4,52	4,67	5,24	6,06	4,94	5,81	7,62	3,64	6,67	3,70	4,55
<b>PEI KW</b>	1,55	1,40	1,30	1,20	1,10	1,00	0,93	0,85	0,80	0,95	0,83	0,73	1,23	1,23	1,21	1,00
<b>PU KW</b>	1,25	1,15	1,05	0,97	0,90	0,83	0,78	0,75	0,73	0,76	0,74	0,65	0,96	0,96	0,94	0,83

- **Bare wire pay-off with braking system - or brake pulley**
- **Annealing oven total length mt 16,5 - 3 temperature control**
- **Double dies applicator wire pitch 33mm(for size up to 50mm<sup>2</sup>) and 44,5mm(for size up to 80mm<sup>2</sup>) - 10 base - 4 top**
- **Two enamel tanks in stainless steel 45/90lt – bypass filters, motors, pumps etc.**
- **Enamelling oven chamber length 10 mt**
- **Wires cooling system length 7 mt counterflow fresh air**
- **Wire lubricating system felts type stainless steel tank, capacity 0,5 lt.**
- **Take up single or double horizontal axis – capstan dia. 900mm - max stroke 320**
- **All Sheaves - rollers are ceramic oxide covered**
- **Continuity tester with measurement field until 1500 Volts**

WIRE DIMENSIONS					SPEED RATES				PRODUCTION	
Section	B	H	A	Ø <sub>Hydr.</sub>	PEI GRADE1		PVA GRADE1		PEI GRADE1 [Kgh/Line]	PVA GRADE1 [Kgh/Line]
[mm]	[mm]	[mm]	[mm <sup>2</sup> ]	[mm]	[m/min]	VxD	[m/min]	VxD		
2,00 x 1,50	2,00	1,50	3,00	1,71	18	30,86	19,5	33,43	28,9	31,3
4,00 x 2,00	4,00	2,00	8,00	2,67	19,2	51,20	21	56,00	82,3	90,0
5,00 x 2,00	5,00	2,00	10,00	2,86	17,2	49,14	19,5	55,71	92,2	104,5
6,00 x 2,50	6,00	2,50	15,00	3,53	13,2	46,59	14,5	51,18	106,1	116,5
7,10 x 3,15	7,10	3,15	22,37	4,36	9,1	39,71	9,9	43,20	109,0	118,6
8,00 x 3,15	8,00	3,15	25,20	4,52	8,5	38,42	9,4	42,49	114,8	126,9
9,00 x 3,15	9,00	3,15	28,35	4,67	8,4	39,20	8,9	41,53	127,6	135,2
10,0 x 3,55	10,00	3,55	35,50	5,24	6,4	33,54	7,5	39,30	121,7	142,7
12,5 x 4,00	12,50	4,00	50,00	6,06	4,9	29,70	5,4	32,73	131,3	144,7
14,0 x 3,00	14,00	3,00	42,00	4,94	7,5	37,06	7,8	38,54	168,8	175,5
16,0 x 3,55	16,00	3,55	56,80	5,81	5,4	31,38	6	34,86	164,3	182,6
16,0 x 5,00	16,00	5,00	80,00	7,62	6,9	52,57	7,5	57,14	295,8	321,5
20,0 x 2,00	20,00	2,00	40,00	3,64	12,6	45,82	13,9	50,55	270,0	297,9
20,0 x 4,00	20,00	4,00	80,00	6,67	8,9	59,33	10	66,67	381,5	428,6
25,0 x 2,00	25,00	2,00	50,00	3,70	12,4	45,93	13,6	50,37	332,2	364,3
25,0 x 2,50	25,00	2,50	62,50	4,55	8,5	38,64	9,4	42,73	284,6	314,8

Values for Grade 2 application are equal TO Gr.1 or max 5 % lower

Values for second enamel (NY) are equal TO Gr.1 or max 5 % lower

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 38÷40%.

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%.