

# ELECTRIC VERTICAL ENAMELLING MACHINE

PRODUCTION OUTPUT VALID FOR 2 LINES

		PEI grade 1					PU grade 1				Usage [Kwh/kg]	
		[m/min]	VxD	[Kgh]	[mTons per month]	[m/min]	VxD	[Kgh]	[mTons per month]			
Compact 700	Copper	IEC [mm]	AWG									
		0,71	21	204	145	86	62	214	152	90	65	1,06
		0,80	20	175	140	94	68	184	147	99	71	0,96
		0,90	19	149	134	101	73	157	141	107	77	0,86
		1,00	18	128	128	107	77	135	135	113	81	0,78
		1,12	17	110	123	116	83	116	130	122	88	0,71
		1,25	16	94	118	123	89	99	124	130	93	0,65
		1,40	15 ½	78	109	128	92	83	116	136	98	0,63
		1,60	14	63	101	135	97	68	109	146	105	0,61
		1,80	13	51	92	139	100	56	101	152	110	0,60
		2,00	12	43	86	144	104	47	94	158	113	0,59
		2,24	11	36	81	151	109	40	90	168	121	0,61
	Aluminum	IEC [mm]	AWG	[m/min]	VxD	[Kgh]	[mTons per month]	[m/min]	VxD	[Kgh]	[mTons per month]	
		1,12	17	94	105	30	22	99	111	31	23	3,20
		1,25	16	82	103	32	23	86	108	34	25	2,90
		1,40	15 ½	72	101	36	26	76	106	38	27	2,80
		1,60	14	60	96	39	28	63	101	41	29	2,60
		1,80	13	50	90	41	30	53	95	44	31	2,55
		2,00	12	42	84	43	31	46	92	47	34	2,48
		2,24	11	35	78	45	32	37	83	47	34	2,40

# PRODUCTION OUTPUT VALID FOR 2 LINES

				PEI grade 1				PU grade 1				
Compact 1500	Copper	IEC [mm]	AWG	[m/min]	VxD	[Kgh]	[mTons per month]	[m/min]	VxD	[Kgh]	[mTons per month]	Usage [Kwh/kg]
		1,60	14	63	101	135	97	68	109	146	105	0,61
		1,80	13	51	92	139	100	56	101	152	110	0,60
		2,00	12	43	86	144	104	47	94	158	113	0,59
		2,24	11	36	81	151	109	40	90	168	121	0,61
		2,50	10	29	73	152	109	33	83	173	124	0,63
		2,80	9 ½	23	64	151	109	27	76	177	128	0,64
		3,15	8 ½	18	57	150	108	21	66	175	126	0,65
	Aluminum	IEC [mm]	AWG	[m/min]	VxD	[Kgh]	[mTons per month]	[m/min]	VxD	[Kgh]	[mTons per month]	Usage [Kwh/kg]
		1,60	14	60	96	39	28	63	101	41	29	2,60
		1,80	13	50	90	41	30	53	95	44	31	2,55
		2,00	12	42	84	43	31	46	92	47	34	2,48
		2,24	11	35	78	45	32	37	83	47	34	2,40
		2,50	10	30	75	48	34	32	80	51	37	2,35
		2,80	9 ½	25	70	50	36	27	76	54	39	2,25
		3,15	8 ½	20	63	50	36	22	69	55	40	2,15
Compact 2000	Copper	IEC [mm]	AWG	[m/min]	VxD	[Kgh]	[mTons per month]	[m/min]	VxD	[Kgh]	[mTons per month]	Usage [Kwh/kg]
		2,00	12	43	86	144	104	47	94	158	113	0,59
		2,24	11	36	81	151	109	40	90	168	121	0,61
		2,50	10	29	73	152	109	33	83	173	124	0,63
		2,80	9 ½	23	64	151	109	27	76	177	128	0,64
		3,15	8 ½	18	57	150	108	21	66	175	126	0,65
		* 3,55	7	15	53	158	114	17	60	180	129	0,66
		* 4,00	6	11	44	148	106	13	52	174	126	0,67
	Aluminum	IEC [mm]	AWG	[m/min]	VxD	[Kgh]	[mTons per month]	[m/min]	VxD	[Kgh]	[mTons per month]	Usage [Kwh/kg]
		2,00	12	42	84	43	31	46	92	47	34	2,48
		2,24	11	35	78	45	32	37	83	47	34	2,40
		2,50	10	30	75	48	34	32	80	51	37	2,35
		2,80	9 ½	25	70	50	36	27	76	54	39	2,25
		3,15	8 ½	20	63	50	36	22	69	55	40	2,15
		* 3,55	7	16	57	51	37	17	60	54	39	2,10
		* 4,00	6	14	56	57	41	15	60	61	44	2,05
* 5,00	4	8	40	51	37	9	45	57	41	2,00		

\* WITHOUT IN-LINE DRAWING MACHINE

Plant running speeds depend on various factors such as enamel characteristics, wire 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 35-39% for PEI and 30-36% 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 85%. 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% Values for self-bonding, above guaranteed figures will be reduced by 20% Information is correct and accurate to the best of our knowledge; it is given in good faith and it does not bear any legal value.