

MOZART V7

DELTA GENERATION VERTICAL SINGLE LINE WIRE ENAMELLING MACHINE FOR COPPER AND ALUMINIUM WIRE

DIMENSION RANGE



MOZART V7/2-2/17 D
MOZART V7/4-4/17 D

• Number of lines □ Number of ovens D = dies

COPPER: 1.0 – 4.0 mm / awg 18 – 6
ALUMINIUM: 1.7 – 5.0 mm / awg 13.5 – 4

TECHNICAL DATA FOR COPPER

PRODUCTION DATA	
Speed range	0 – 150 m/min.
Sizes of finished wire reels	max. 630 mm
Max. inlet diameter	5.0 mm
RATED POWER	
Total rated power	for 2 lines* 297 kW (thermal and motive)
MECHANICAL	
Max. number of enamel passes	max. 17 (up to 3 enamels)
Oven-length	10 m
Annealer-length	9.9 + 6.4 m
Machine height (2 lines)	19.85 m
Ground space (excl. spooler, pay-off, drawing mc)	1.37 x 1.47 m

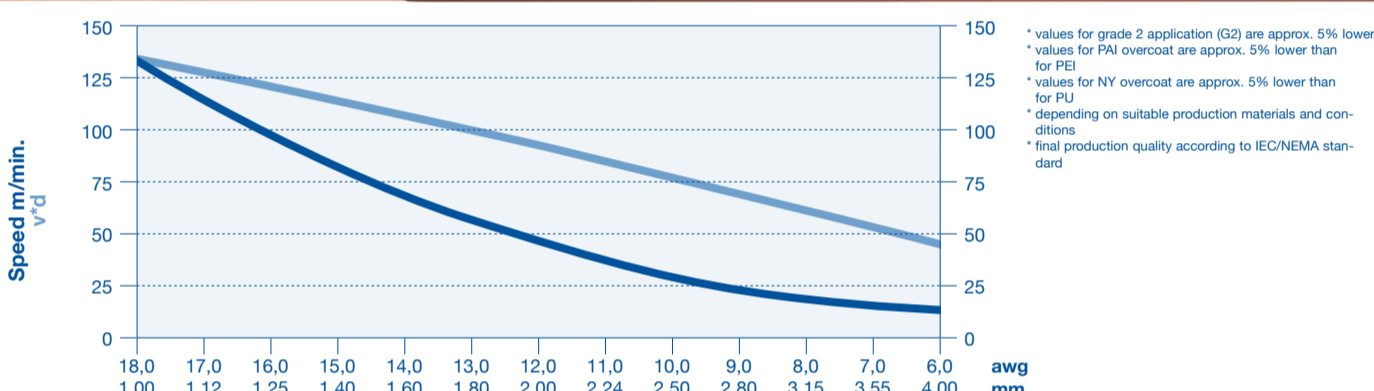
* not valid for SB-machines

VERTICAL SINGLE LINE COPPER WIRE ENAMELLING MACHINE

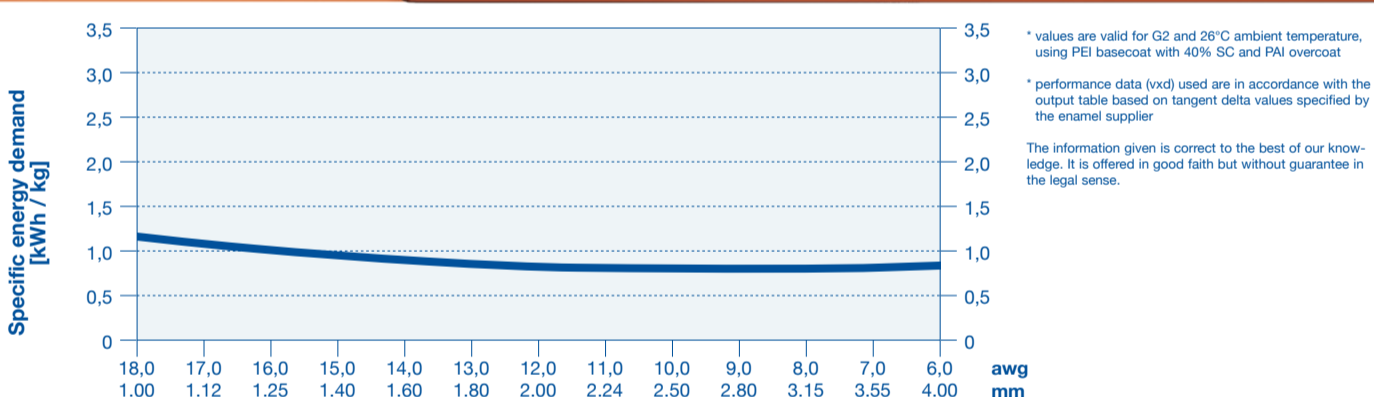
OUTPUT-TABLE

Diameter		PEI		PU		2 lines		4 lines		6 lines	
d	awg	v	v x d	v	v x d	PEI	PU	PEI	PU	PEI	PU
[mm]		[m/min]	[m/min x mm]	[m/min]	[mm x m/min]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]
1,00	18,0	133	133	146	146	2683	2946	5367	5892	8050	8837
1,12	17,0	114	128	126	141	2893	3186	5785	6373	8678	9559
1,25	16,0	98	122	107	134	3077	3380	6154	6759	9231	10139
1,40	15,0	81	114	89	125	3220	3531	6440	7062	9661	10593
1,60	14,0	66	106	73	117	3422	3777	6844	7554	10266	11331
1,80	13,0	54	98	60	108	3559	3922	7118	7845	10677	11767
2,00	12,0	47	93	51	102	3753	4116	7506	8232	11259	12348
2,24	11,0	37	83	41	91	3751	4113	7502	8226	11254	12338
2,50	10,0	31	77	34	85	3884	4288	7768	8575	11652	12863
2,80	9,0	25	70	28	77	3955	4350	7909	8700	11864	13050
3,15	8,5	19	60	21	66	3813	4195	7627	8389	11440	12584
3,55	7,0	15	54	17	59	3868	4226	7736	8452	11604	12678
4,00	6,0	11	45	13	50	3632	4035	7264	8071	10895	12106

PERFORMANCE DATA*



POWER CONSUMPTION*

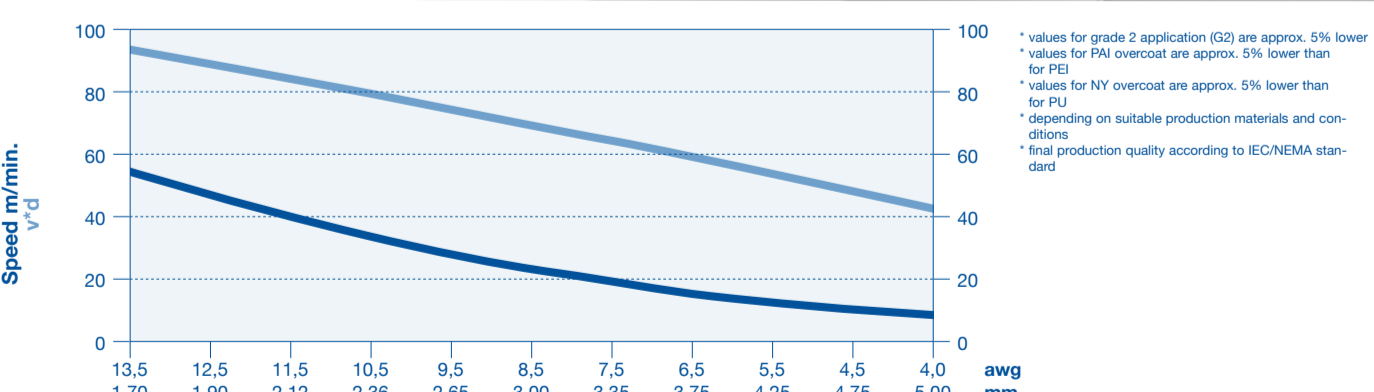


VERTICAL SINGLE LINE ALUMINIUM WIRE ENAMELLING MACHINE

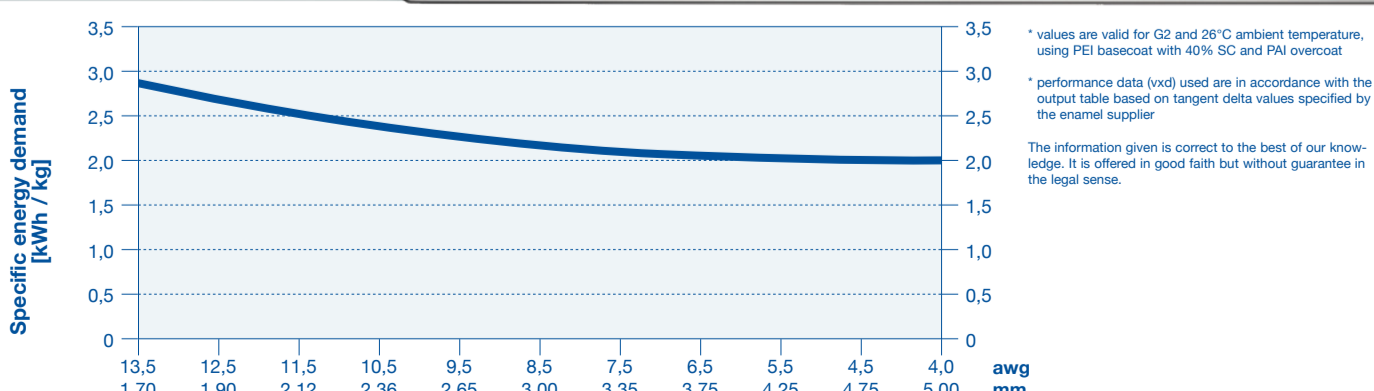
OUTPUT-TABLE

Diameter		PEI		PU		2 lines		4 lines		6 lines	
d	awg	v	v x d	v	v x d	PEI	PU	PEI	PU	PEI	PU
[mm]		[m/min]	[m/min x mm]	[m/min]	[mm x m/min]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]
1,70	13,5	55	93	58	98	1054	1106	2107	2213	3161	3319
1,90	12,5	47	90	50	94	1133	1190	2267	2380	3400	3570
2,12	11,5	40	85	42	90	1205	1265	2410	2531	3616	3796
2,36	10,5	34	80	36	84	1254	1316	2507	2633	3761	3949
2,65	9,5	28	74	29	78	1309	1374	2618	2749	3927	4123
3,00	8,5	23	69	24	72	1370	1438	2740	2877	4110	4315
3,35	7,5	19	65	20	68	1452	1524	2904	3049	4355	4573
3,75	6,5	15	58	16	61	1450	1523	2901	3046	4351	4569
4,25	5,5	13	54	13	57	1525	1601	3050	3202	4575	4804
4,75	4,5	10	49	11	51	1549	1627	3099	3254	4648	4881
5,00	4,0	8	42	9	44	1398	1468	2796	2936	4194	4404

PERFORMANCE DATA*



POWER CONSUMPTION*



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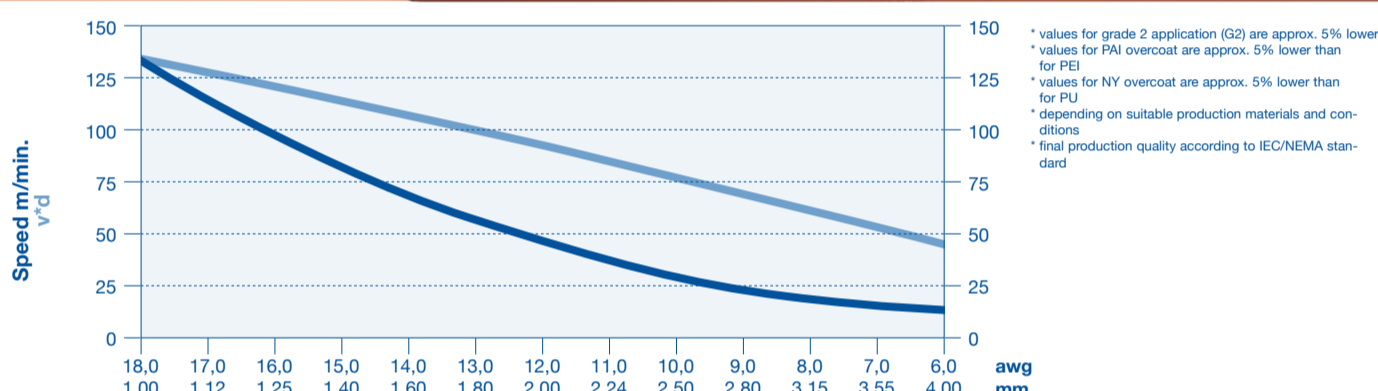
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VERTICAL SINGLE LINE COPPER WIRE ENAMELLING MACHINE

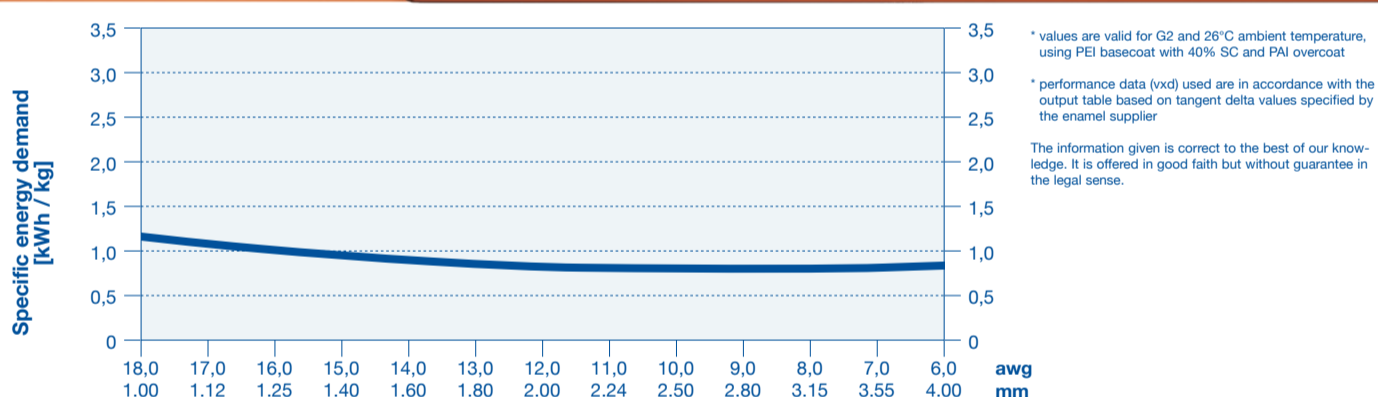
OUTPUT-TABLE

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d	awg	v	v x d	v	v x d	PEI	PU	PEI	PU	PEI	PU
[mm]		[m/min]	[m/min x mm]	[m/min]	[mm x m/min]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]
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4,00	6,0	11	45	13	50	3632	4035	7264	8071	10895	12106

PERFORMANCE DATA*



POWER CONSUMPTION*

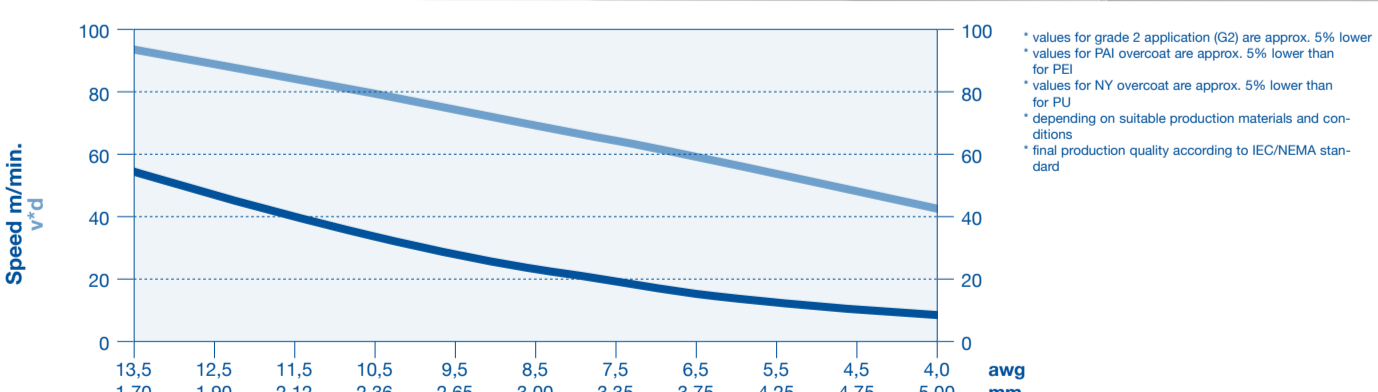


VERTICAL SINGLE LINE ALUMINIUM WIRE ENAMELLING MACHINE

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[mm]		[m/min]	[m/min x mm]	[m/min]	[mm x m/min]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]	[kg/24h]
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PERFORMANCE DATA*



POWER CONSUMPTION*

