

# MOZART V6

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

### DIMENSION RANGE

	MOZART V6/2-2/20 D
	MOZART V6/4-4/20 D
	MOZART V6/1-2/40 D
	MOZART V6/2-4/40 D

• Number of lines   □ Number of ovens   D = dies

**COPPER: 0.71 – 2.24 mm / awg 21 – 11**  
**ALUMINIUM: 0.95 – 2.80 mm / awg 18.5 – 9**

### TECHNICAL DATA FOR COPPER

PRODUCTION DATA	
Speed range	0 – 250 m/min.
Sizes of finished wire reels	max. 630 mm
Max. inlet diameter	2.8 mm
RATED POWER	
for 2 lines*	
Total rated power	261 kW (thermal and motive)
MECHANICAL	
Max. number of enamel passes	max. 20 (up to 3 enamels) 40 selfbond
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

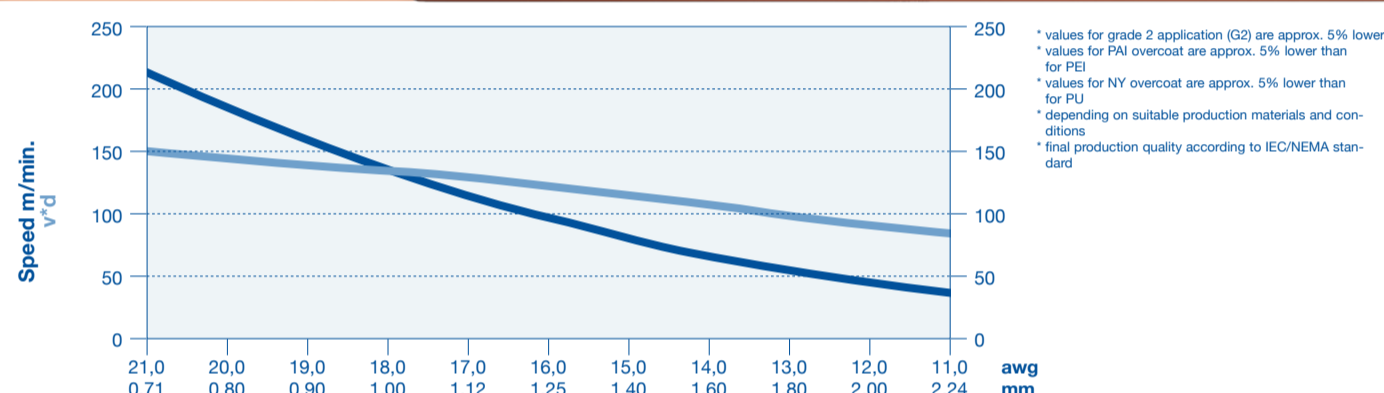
\* not valid for SB-machines

## VERTICAL SINGLE LINE COPPER WIRE ENAMELLING MACHINE

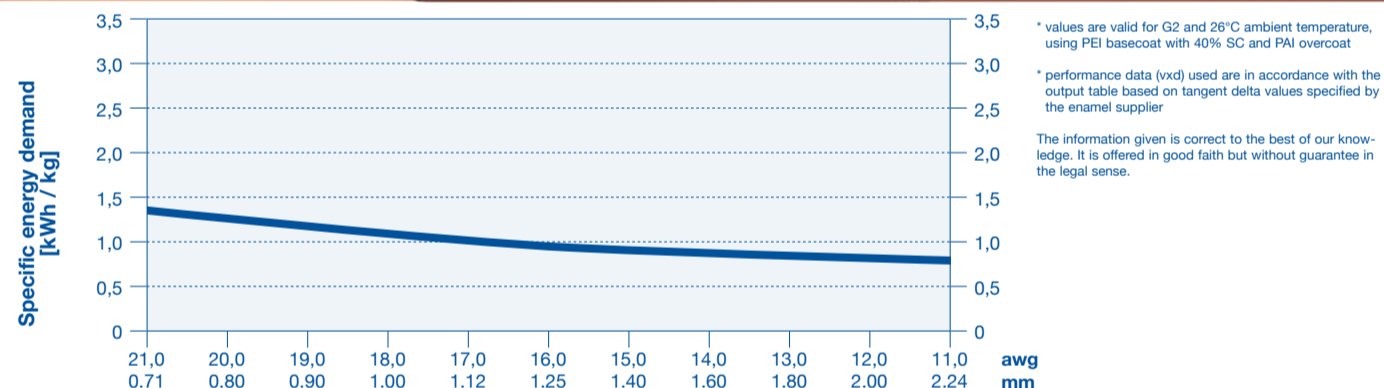
### OUTPUT-TABLE

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]
0,71	21,0	213	151	234	166	2163	2378	4326	4756	6489	7134
0,80	20,0	183	146	201	161	2357	2599	4713	5197	7070	7796
0,90	19,0	156	140	171	154	2542	2796	5084	5593	7627	8389
1,00	18,0	133	133	146	146	2683	2946	5367	5892	8050	8837
1,12	17,0	114	128	125	140	2893	3164	5785	6327	8678	9491
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	116	3422	3745	6844	7490	10266	11234
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	40	90	3746	4050	7492	8099	11237	12149

### PERFORMANCE DATA\*



### POWER CONSUMPTION\*

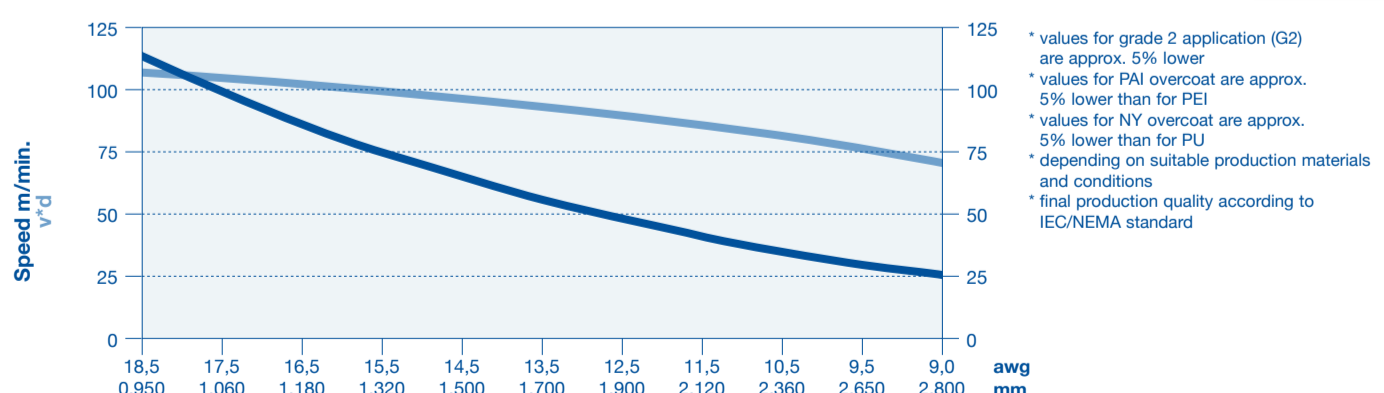


## VERTICAL SINGLE LINE ALUMINIUM WIRE ENAMELLING MACHINE

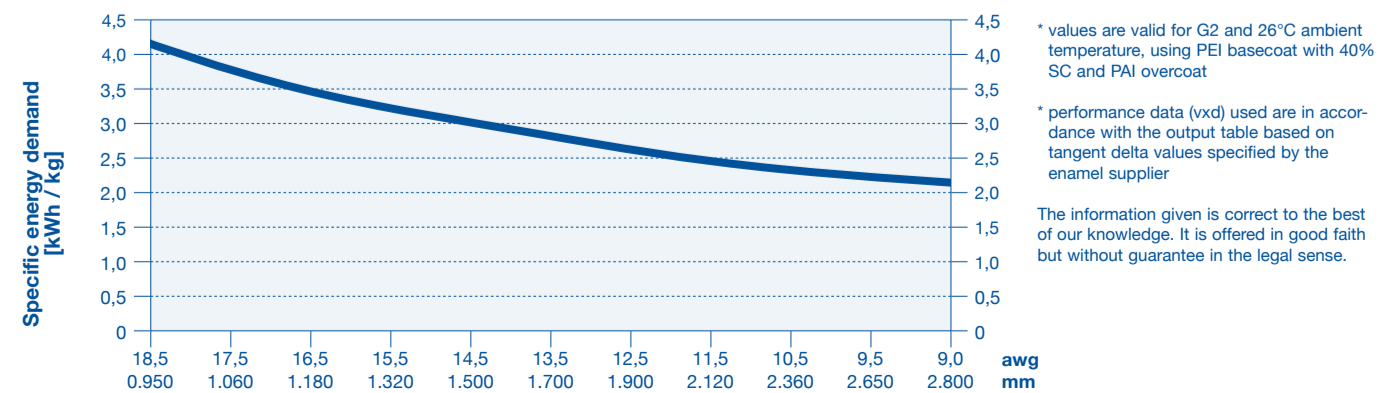
### OUTPUT-TABLE

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]
0,950	18,5	113	107	118	112	677	711	1354	1422	2031	2133
1,060	17,5	101	107	106	112	753	791	1506	1581	2260	2372
1,180	16,5	90	106	94	111	830	872	1661	1744	2491	2615
1,320	15,5	77	102	81	107	898	943	1796	1886	2694	2829
1,500	14,5	65	98	69	103	979	1027	1957	2055	2936	3082
1,700	13,5	55	93	58	98	1054	1106	2107	2213	3161	3319
1,900	12,5	47	90	50	94	1133	1190	2267	2380	3400	3570
2,120	11,5	40	85	42	90	1205	1265	2410	2531	3616	3796
2,360	10,5	34	80	36	84	1254	1316	2507	2633	3761	3949
2,650	9,5	28	74	29	78	1309	1374	2618	2749	3927	4123
2,800	9,0	26	73	27	76	1361	1425	2721	2850	4082	4274

### PERFORMANCE DATA\*



### POWER CONSUMPTION\*



# MOZART V6

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

### DIMENSION RANGE

	MOZART V6/2-2/20 D
	MOZART V6/4-4/20 D
	MOZART V6/1-2/40 D
	MOZART V6/2-4/40 D

• Number of lines   □ Number of ovens   D = dies

**COPPER: 0.71 – 2.24 mm / awg 21 – 11**  
**ALUMINIUM: 0.95 – 2.80 mm / awg 18.5 – 9**

### TECHNICAL DATA FOR COPPER

PRODUCTION DATA	
Speed range	0 – 250 m/min.
Sizes of finished wire reels	max. 630 mm
Max. inlet diameter	2.8 mm
RATED POWER	
for 2 lines*	
Total rated power	261 kW (thermal and motive)
MECHANICAL	
Max. number of enamel passes	max. 20 (up to 3 enamels) 40 selfbond
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

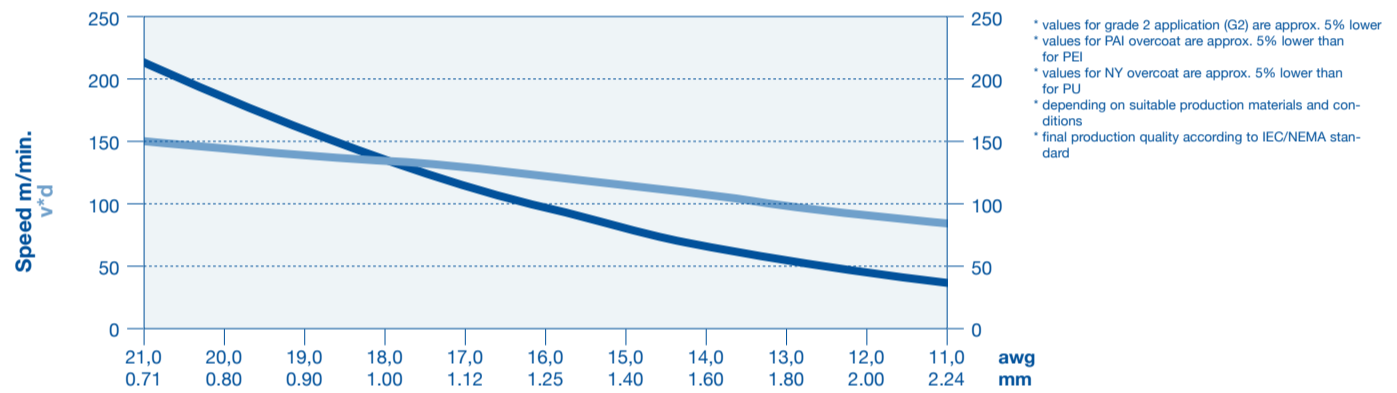
\* not valid for SB-machines

## VERTICAL SINGLE LINE COPPER WIRE ENAMELLING MACHINE

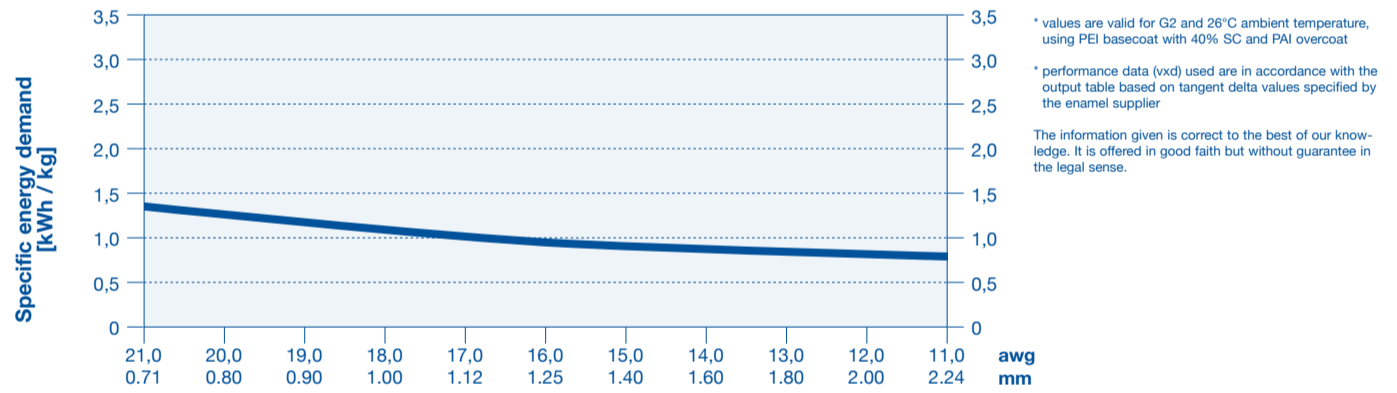
### OUTPUT-TABLE

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]
0,71	21,0	213	151	234	166	2163	2378	4326	4756	6489	7134
0,80	20,0	183	146	201	161	2357	2599	4713	5197	7070	7796
0,90	19,0	156	140	171	154	2542	2796	5084	5593	7627	8389
1,00	18,0	133	133	146	146	2683	2946	5367	5892	8050	8837
1,12	17,0	114	128	125	140	2893	3164	5785	6327	8678	9491
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	116	3422	3745	6844	7490	10266	11234
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	40	90	3746	4050	7492	8099	11237	12149

### PERFORMANCE DATA\*



### POWER CONSUMPTION\*

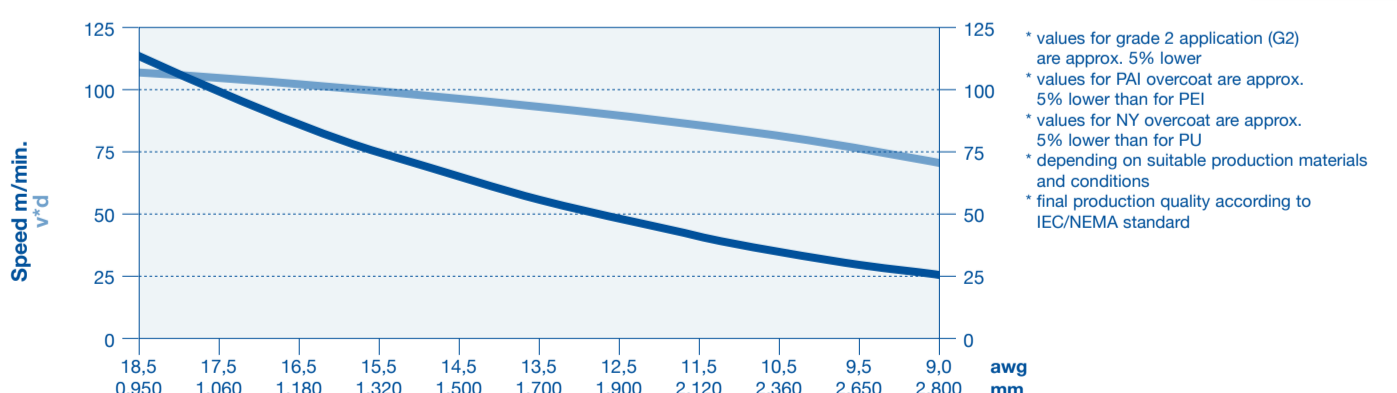


## VERTICAL SINGLE LINE ALUMINIUM WIRE ENAMELLING MACHINE

### 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]
0,950	18,5	113	107	118	112	677	711	1354	1422	2031	2133
1,060	17,5	101	107	106	112	753	791	1506	1581	2260	2372
1,180	16,5	90	106	94	111	830	872	1661	1744	2491	2615
1,320	15,5	77	102	81	107	898	943	1796	1886	2694	2829
1,500	14,5	65	98	69	103	979	1027	1957	2055	2936	3082
1,700	13,5	55	93	58	98	1054	1106	2107	2213	3161	3319
1,900	12,5	47	90	50	94	1133	1190	2267	2380	3400	3570
2,120	11,5	40	85	42	90	1205	1265	2410	2531	3616	3796
2,360	10,5	34	80	36	84	1254	1316	2507	2633	3761	3949
2,650	9,5	28	74	29	78	1309	1374	2618	2749	3927	4123
2,800	9,0	26	73	27	76	1361	1425	2721	2850	4082	4274

### PERFORMANCE DATA\*



### POWER CONSUMPTION\*

