



PRODUCT RANGE OVERVIEW

ALLROUNDER and robotic systems

ARBURG

ALLROUNDER A



										
		5	70	100	170	290	400	800	1300	2100
	kN									
270 A	350									
370 A	600									
470 A	1000									
520 A	1500									
570 A	2000									
630 A	2500									
720 A	3200									
820 A	4000									
920 A	5000									
1120 A	6500									

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

270 A	350 - 5 70 100
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270 A		
350		
--- 200		
--- 150-350		
--- 350-550		
270 x 270		
380 x 380		
200		
16 60		
1,0 0,7 - 189		

5	70			100		
8	18	22	25	20	25	30
12	24,5	20	17,5	25	20	16,7
50	90			100		
2,5	23	34	44	31	49	71
2,3	21	31	40	29	45	65
1	4,1	5,5	6,5	5,5	8	9,5
0,5	2,1	2,8	3,3	2,8	4	4,9
2000	2500	2000	1550	2500	2000	1390
1600	2390	1600	1240	2500	1600	1110
---	51	76	98	64	100	144
25	76	114	147	94	148	214
9	45	55	63	40	50	60
12	90	110	120	120	150	180
5 150	50 230			50 230		
1,9 5	4,1 4			4,9 5		

5	70	100
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--- 13	11 16	13 18

370 A	600 - 100 170 290
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370 A		
600		
--- 300		
--- 200-400		
--- 500-700		
370 x 370		
510 x 510		
360		
25 100		
1,2 0,8 - 259		

100			170			290		
20	25	30	25	30	35	30	35	40
25	20	16,7	24	20	17	23,3	20	17,5
100			120			150		
31	49	71	59	85	115	106	144	188
29	45	65	54	77	105	97	132	172
5,5	8	9,5	10	13,5	16	17	20,5	24,5
2,8	4	4,9	5	7	8	8,5	10,5	12,5
2500	2000	1390	2500	2000	1470	2500	2000	1530
2500	1600	1110	2310	1600	1170	2180	1600	1220
64	100	144	79	114	155	98	134	175
94	148	214	148	214	290	212	288	376
40	50	60	50	60	70	51	60	69
120	150	180	210	250	290	320	380	430
50 230			50 300			50 300		
4,9 5			9,4 5			6,4 5		

100	170	290
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13 18	19 24	20 25

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

470 A	1000 - 170 290 400
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470 A		
1000		
--- 350		
--- 250-500		
--- 600-850		
470 x 470		
637 x 637		
760		
40 175		
1,4 0,9 - 329		

170			290			400		
25	30	35	30	35	40	35	40	45
24	20	17	23,3	20	17,5	23	20	18
120			150			160		
59	85	115	106	144	188	154	201	254
54	77	105	97	132	172	141	184	232
10	13,5	16	17	20,5	24,5	25	29	35
5	7	8	8,5	10,5	12,5	12,5	15	17,5
2500	2000	1470	2500	2000	1530	2500	2000	1580
2310	1600	1170	2180	1600	1220	2090	1600	1260
79	114	155	98	134	175	125	163	207
148	214	290	212	288	376	241	314	398
50	60	70	51	60	69	53	60	68
210	250	290	320	380	430	480	550	610
50 300			50 300			60 300		
9,4 5			6,4 5			9,4 5		

170	290	400
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21 26	22 26	27 32

520 A	1500 - 290 400 800
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520 A		
1500		
--- 450		
--- 250-550		
--- 700-1000		
520 x 520		
695 x 695		
1000		
40 175		
1,5 1,0 - 364		

290			400			800		
30	35	40	35	40	45	45	50	55
23,3	20	17,5	23	20	18	22	20	18
150			160			200		
106	144	188	154	201	254	318	392	474
97	132	172	141	184	232	291	359	434
17	20,5	24,5	25	29	35	46	53	59
8,5	10,5	12,5	12,5	15	17,5	23	27	30
2500	2000	1530	2500	2000	1580	2470	2000	1650
2180	1600	1220	2090	1600	1260	1980	1600	1320
98	134	175	125	163	207	175	216	261
212	288	376	241	314	398	318	394	476
51	60	69	53	60	68	54	60	66
320	380	430	480	550	610	900	1000	1100
50 300			60 300			70 400		
6,4 5			9,4 5			19,9 8		

290	400	800
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23 27	28 33	47 51

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

570 A	2000 - 400 800 1300
	1800 - 400 800

570 A	570 A
1800	2000
--- 450	--- 450
--- 150-450	--- 250-550
--- 600-900	--- 700-1000
570 x 570	570 x 570
795 x 795	795 x 795
1300	1300
60 200	60 200
1,2 - 399	1,8 1,2 - 399

400			800			1300		
35	40	45	45	50	55	55	60	70
23	20	18	22	20	18	22	20	17
160			200			240		
154	201	254	318	392	474	570	678	923
141	184	232	291	359	434	521	620	844
25	29	35	46	53	59	86	96	115
12,5	15	17,5	23	27	30	43	48	58
2500	2000	1580	2470	2000	1650	2380	2000	1470
2090	1600	1260	1980	1600	1320	1900	1600	1170
125	163	207	175	216	261	261	311	423
289	377	477	477	589	713	475	565	770
53	60	68	54	60	66	55	60	70
480	550	610	900	1000	1100	1510	1640	1920
60 300			70 400			90 500		
9,8 5			19,9 8			23 8		

400	800	1300
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30 34	48 52	64 71

630 A	2500 - 800 1300 2100
	2300 - 800 2100

630 A	630 A
2300	2500
--- 550	--- 550
--- 200-650	--- 300-750
--- 750-1200	--- 850-1300
630 x 630	630 x 630
900 x 900	900 x 900
2100	2100
86 225	86 225
1,4 - 441	2,0 1,4 - 441

800			1300			2100		
45	50	55	55	60	70	60	70	80
22	20	18	22	20	17	23	20	17,5
200			240			280		
318	392	474	570	678	923	792	1078	1407
291	359	434	521	620	844	723	984	1286
46	53	59	86	96	115	125	145	175
23	27	30	43	48	58	62	74	88
2470	2000	1650	2380	2000	1470	2500	2000	1530
1980	1600	1320	1900	1600	1170	2180	1600	1220
175	216	261	261	311	423	339	462	603
477	589	713	475	565	770	848	1155	1508
54	60	66	55	60	70	51	60	69
900	1000	1100	1510	1640	1920	2140	2500	2850
70 400			90 500			110 600		
19,9 8			23 8			31,2 8		

800	1300	2100
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50 56	66 72	91 96

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

720 A	3200 - 800 1300 2100
	2900 - 800 2100

720 A	720 A
2900	3200
--- 600	--- 600
--- 200-700	--- 300-800
--- 800-1300	--- 900-1400
720 x 720	720 x 720
1040 x 1040	1040 x 1040
2900	2900
86 250	86 250
1,5 - 504	2,3 1,5 - 504

800			1300			2100		
45	50	55	55	60	70	60	70	80
22	20	18	22	20	17	23	20	17,5
200			240			280		
318	392	474	570	678	923	792	1078	1407
291	359	434	521	620	844	723	984	1286
46	53	59	86	96	115	125	145	175
23	27	30	43	48	58	62	74	88
2470	2000	1650	2380	2000	1470	2500	2000	1530
1980	1600	1320	1900	1600	1170	2180	1600	1220
175	216	261	261	311	423	339	462	603
477	589	713	475	565	770	848	1155	1508
54	60	66	55	60	70	51	60	69
900	1000	1100	1510	1640	1920	2140	2500	2850
70 400			90 500			110 600		
19,9 8			23 8			31,2 8		

800	1300	2100
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52 58	68 74	93 98

820 A	4000 - 1300 2100
	3700 - 2100

820 A	820 A
3700	4000
--- 750	--- 750
--- 250-750	--- 350-850
--- 1000-1500	--- 1100-1600
820 x 820	820 x 820
1171 x 1171	1171 x 1171
4000	4000
86 250	86 250
1,8 - 574	2,3 1,8 - 574

1300			2100			
55	60	70	60	70	80	
22	20	17	23	20	17,5	
240			280			
570	678	923	792	1078	1407	
521	620	844	723	984	1286	
86	96	115	125	145	175	
43	48	58	62	74	88	
2380	2000	1470	2500	2000	1530	
1900	1600	1170	2180	1600	1220	
261	311	423	339	462	603	
475	565	770	848	1155	1508	
55	60	70	51	60	69	
1510	1640	1920	2140	2500	2850	
90 500			110 600			
23 8			31,2 8			

1300	2100	
---	---	
70 76	95 100	

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

920 A	5000 - 1300 2100
	4600 - 2100

920 A	920 A
4600	5000
--- 900	--- 900
--- 300-950	--- 400-1050
--- 1200-1850	--- 1300-1950
920 x 920	920 x 920
1280 x 1280	1280 x 1280
6000	6000
86 250	86 250
1,8 - 644	2,5 1,8 - 644

1300			2100			
55	60	70	60	70	80	
22	20	17	23	20	17,5	
240			280			
570	678	923	792	1078	1407	
521	620	844	723	984	1286	
86	96	115	125	145	175	
43	48	58	62	74	88	
2380	2000	1470	2500	2000	1530	
1900	1600	1170	2180	1600	1220	
261 475	311 565	423 770	339 848	462 1155	603 1508	
55	60	70	51	60	69	
1510	1640	1920	2140	2500	2850	
90 500			110 600			
23 8			31,2 8			

1300	2100	
---	---	
71 77	96 101	

1120 A	6500 - 1300 2100
	6000 - 2100

1120 A	1120 A
6000	6500
--- 1050	--- 1050
--- 400-1050	--- 400-1050
--- 1450-2100	--- 1450-2100
1120 x 1120	1120 x 1120
1470 x 1470	1470 x 1470
9100	9100
140 350	140 350
1,8 - 644	2,5 1,8 - 644

1300			2100			
55	60	70	60	70	80	
22	20	17	23	20	17,5	
240			280			
570	678	923	792	1078	1407	
521	620	844	723	984	1286	
86	96	115	125	145	175	
43	48	58	62	74	88	
2380	2000	1470	2500	2000	1530	
1900	1600	1170	2180	1600	1220	
261 475	311 565	423 770	339 848	462 1155	603 1508	
55	60	70	51	60	69	
1510	1640	1920	2140	2500	2850	
90 500			110 600			
23 8			31,2 8			

1300	2100	
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71 80	99 104	



						
		100	170	290	400	800
370 E GOLDEN ELECTRIC	600 kN					
470 E GOLDEN ELECTRIC	1000 kN					
520 E GOLDEN ELECTRIC	1500 kN					
570 E GOLDEN ELECTRIC	2000 kN					

Machine type

 with EUROMAP size designation ¹
Clamping unit

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

370 E GOLDEN ELECTRIC

600 - 100 | 170

370 E GOLDEN ELECTRIC

600
--- 300
--- 200-400
--- 500-700
370 x 370
510 x 510
360
25 100
1,2 - 259

100

20	25	30	25	30	35	
25	20	16,7	24	20	17	
100			120			
31	49	71	59	85	115	
29	45	65	54	77	105	
5,5	8	9,5	10	13,5	16	
2,8	4	4,9	5	7	8	
2500	2000	1390	2500	2000	1470	
2500	1600	1110	2300	1600	1170	
83	130	187	78	114	154	
[94]	[148]	[214]	[102]	[148]	[202]	
40	50	60	31	37	44	
120	150	180	210	250	290	
	50 230		50 300			
	4,9 5		9,4 5			

100

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13	19	

470 E GOLDEN ELECTRIC

1000 - 170 | 290

470 E GOLDEN ELECTRIC

1000
--- 350
--- 250-500
--- 600-850
470 x 470
637 x 637
760
40 175
1,4 - 329

170

25	30	35	30	35	40	
24	20	17	23,3	20	17,5	
120			150			
59	85	115	106	144	188	
54	77	105	97	132	172	
10	13,5	16	17	20,5	24,5	
5	7	8	8,5	10,5	12,5	
2500	2000	1470	2500	2000	1530	
2300	1600	1170	2180	1600	1220	
78	114	154	98	134	176	
[102]	[148]	[202]	[128]	[176]	[230]	
31	37	44	28	33	37	
210	250	290	320	380	430	
	50 300		50 300			
	9,4 5		6,4 5			

170

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15	21	

Machine type

 with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

520 E GOLDEN ELECTRIC	1500 - 290 400
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520 E GOLDEN ELECTRIC	
1500	
---	450
---	250-550
---	700-1000
520 x 520	
695 x 695	
1000	
40 175	
1,5 - 364	

290			400			
30	35	40	35	40	45	
23,3	20	17,5	23	20	18	
150			160			
106	144	188	154	201	254	
97	132	172	141	184	232	
17	20,5	24,5	25	29	35	
8,5	10,5	12,5	12,5	15	17,5	
2500	2000	1530	2500	2000	1580	
2180	1600	1220	2090	1600	1260	
98	134	176	126	164	208	
[128]	[176]	[230]	[162]	[214]	[270]	
28	33	37	27	31	35	
320	380	430	480	550	610	
50 300			60 300			
6,4 5			9,4 5			

290	400	
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27	28	

570 E GOLDEN ELECTRIC	2000 - 400 800
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570 E GOLDEN ELECTRIC	
2000	
---	450
---	250-550
---	700-1000
570 x 570	
795 x 795	
1300	
60 200	
1,8 - 399	

400			800			
35	40	45	45	50	55	
23	20	18	22	20	18	
160			200			
154	201	254	318	392	474	
141	184	232	291	359	434	
25	29	35	46	53	59	
12,5	15	17,5	23	27	30	
2500	2000	1580	2470	2000	1650	
2090	1600	1260	1970	1600	1320	
126	164	208	174	216	260	
[162]	[214]	[270]	[228]	[282]	[340]	
27	31	35	28	31	34	
480	550	610	900	1000	1100	
60 300			70 400			
9,4 5			19,9 8			

400	800	
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46	47	

ALLROUNDER H



	kN											
		70	100	170	290	400	800	1300	2100	3200	4600	7000
270 H	350											
370 H	600											
470 H	1000											
520 H	1500											
570 H	2000											
630 H	2500											
720 H	3200											
820 H	4000											
920 H	5000											
1120 H	6500											

Machine type

 with EUROMAP size designation ¹
Clamping unit

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

270 H 350 - 70 | 100 | 170

270 H
350
--- 200
--- 150-350
--- 350-550
270 x 270
380 x 380
200
16 60
0,7 - 189

70			100			170		
18	22	25	20	25	30	25	30	35
24,5	20	17,5	25	20	16,7	24	20	17
90			100			120		
23	34	44	31	49	71	59	85	115
21	31	40	29	45	65	54	77	105
4,1	5,5	6,5	5,5	8	9,5	10	13,5	16
2,1	2,8	3,3	2,8	4	4,9	5	7	8
2500	2000	1550	2500	2000	1390	2500	2000	1470
2500	2000	1550	2500	2000	1390	2500	2000	1470
140	209	270	173	270	389	221	318	433
49	60	68	48	60	72	50	60	70
90	110	120	120	150	180	210	250	290
50 150			50 180			50 210		
4,1 4			4,9 5			9,4 5		

70	100	170
---	---	---
15	19	25

370 H 600 - 100 | 170 | 290

370 H
600
--- 300
--- 200-400
--- 500-700
370 x 370
510 x 510
360
25 100
0,8 - 259

100			170			290		
20	25	30	25	30	35	30	35	40
25	20	16,7	24	20	17	23,3	20	17,5
100			120			150		
31	49	71	59	85	115	106	144	188
29	45	65	54	77	105	97	132	172
5,5	8	9,5	10	13,5	16	17	20,5	24,5
2,8	4	4,9	5	7	8	8,5	10,5	12,5
2500	2000	1390	2500	2000	1470	2500	2000	1530
2500	2000	1390	2500	2000	1470	2500	2000	1530
173	270	389	221	318	433	318	433	565
48	60	72	50	60	70	51	60	69
120	150	180	210	250	290	320	380	430
50 180			50 210			60 240		
4,9 5			9,4 5			6,4 5		

100	170	290
---	---	---
20	26	27

Machine type

 with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

470 H	1000 - 170 290 400
-------	------------------------

470 H		
1000		
--- 350		
--- 250-500		
--- 600-850		
470 x 470		
637 x 637		
760		
40 175		
0,9 - 329		

170			290			400		
25	30	35	30	35	40	35	40	45
24	20	17	23,3	20	17,5	23	20	18
120			150			160		
59	85	115	106	144	188	154	201	254
54	77	105	97	132	172	141	184	232
10	13,5	16	17	20,5	24,5	25	29	35
5	7	8	8,5	10,5	12,5	12,5	15	17,5
2500	2000	1470	2500	2000	1530	2500	2000	1580
2500	2000	1470	2500	2000	1530	2500	2000	1580
221	318	433	318	433	565	492	642	814
50	60	70	51	60	69	47	54	61
210	250	290	320	380	430	480	550	610
50 210			60 240			60 300		
9,4 5			6,4 5			9,4 5		

170	290	400
---	---	---
29	31	36

520 H	1500 - 290 400 800
-------	------------------------

520 H		
1500		
--- 450		
--- 250-550		
--- 700-1000		
520 x 520		
695 x 695		
1000		
40 175		
1,0 - 364		

290			400			800		
30	35	40	35	40	45	45	50	55
23,3	20	17,5	23	20	18	22	20	18
150			160			200		
106	144	188	154	201	254	318	392	474
97	132	172	141	184	232	291	359	434
17	20,5	24,5	25	29	35	46	53	59
8,5	10,5	12,5	12,5	15	17,5	23	27	30
2500	2000	1530	2500	2000	1580	2470	2000	1650
2500	2000	1530	2500	2000	1580	2470	2000	1650
318	433	565	492	642	814	530	656	792
51	60	69	47	54	61	54	60	66
320	380	430	480	550	610	900	1000	1100
60 240			60 300			70 300		
6,4 5			9,4 5			19,9 8		

290	400	800
---	---	---
29	37	55

Machine type

 with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

570 H	2000 - 400 800 1300
570 H	2000
	--- 450
	--- 250-550
	--- 700-1000
	570 x 570
	795 x 795
	1300
	60 200
	1,2 - 399

400			800			1300		
35	40	45	45	50	55	55	60	70
23	20	18	22	20	18	22	20	17
	160			200			240	
154	201	254	318	392	474	570	678	923
141	184	232	291	359	434	521	620	844
25	29	35	46	53	59	86	96	115
12,5	15	17,5	23	27	30	43	48	58
2500	2000	1580	2470	2000	1650	2380	2000	1470
2500	2000	1580	2470	2000	1650	2380	2000	1470
492	642	814	530	656	792	714	848	1156
47	54	61	54	60	66	55	60	70
480	550	610	900	1000	1100	1510	1640	1920
	60 400			70 300			90 550	
	9,4 5			19,9 8			22,9 8	

400	800	1300
---	---	---
39	64	81

630 H	2500 - 800 1300 2100
630 H	2500
	--- 550
	--- 300-750
	--- 850-1300
	630 x 630
	900 x 900
	2100
	86 225
	1,4 - 441

800			1300			2100		
45	50	55	55	60	70	60	70	80
22	20	18	22	20	17	23	20	17,5
	200			240			280	
318	392	474	570	678	923	792	1078	1407
291	359	434	521	620	844	723	984	1286
46	53	59	86	96	115	125	145	175
23	27	30	43	48	58	62	74	88
2470	2000	1650	2380	2000	1470	2500	2000	1530
2470	2000	1650	2380	2000	1470	2500	2000	1530
557	687	832	713	848	1155	850	1156	1510
54	60	66	55	60	70	51	60	69
900	1000	1100	1510	1640	1920	2140	2500	2850
	70 300			90 550			110 600	
	19,9 8			23 8			31,4 8	

800	1300	2100
---	---	---
57	82	112

Machine type

 with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

720 H	3200 - 1300 2100 3200
-------	---------------------------

720 H
3200
--- 600
--- 300-800
--- 900-1400
720 x 720
1040 x 1040
2900
86 250
1,5 - 504

1300			2100			3200		
55	60	70	60	70	80	70	80	90
22	20	17	23	20	17,5	23	20	18
240			280			320		
570	678	923	792	1078	1407	1232	1608	2036
521	620	844	723	984	1286	1125	1469	1860
86	96	115	125	145	175	185	215	250
43	48	58	62	74	88	93	110	125
2380	2000	1470	2500	2000	1530	2500	2000	1580
2380	2000	1470	2500	2000	1530	2500	2000	1580
713	848	1155	848	1155	1508	1155	1508	1909
55	60	70	51	60	69	53	60	68
1510	1640	1920	2140	2500	2850	3140	3590	4040
90 550			110 600			110 600		
23 8			31,2 8			38,6 8		

1300	2100	3200
---	---	---
84	114	145

820 H	4000 - 2100 3200 4600
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820 H
4000
--- 750
--- 350-850
--- 1100-1600
820 x 820
1171 x 1171
4000
86 250
2,3 - 574

2100			3200			4600		
60	70	80	70	80	90	80	90	100
23	20	17,5	23	20	18	22,5	20	18
280			320			360		
792	1078	1407	1232	1608	2036	1810	2290	2827
723	984	1286	1125	1469	1860	1653	2092	2583
125	145	175	185	215	250	255	295	330
62	74	88	93	110	125	120	150	170
2500	2000	1530	2500	2000	1580	2500	2000	1620
2500	2000	1530	2500	2000	1580	2500	2000	1620
848	1155	1508	1155	1508	1909	1257	1590	1963
51	60	69	53	60	68	53	60	66
2140	2500	2850	3140	3590	4040	4400	4950	5500
110 600			110 600			110 600		
31,2 8			38,6 8			51,4 9		

3200

145

with EUROMAP size designation ¹

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

2100	3200	4600
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115	146	197

3200	4600	7000
145	197	263

ALLROUNDER S



												
		kN	30	70	100	170	290	400	800	1300	2100	3200
170 S	125 - 180											
270 S	250 - 400											
370 S	500 - 700											
470 S	800 - 1100											
520 S	1300 - 1600											
570 S	1600 - 2200											
630 S	2500											
720 S	3200											
820 S	4000											
920 S	5000											

Machine type

with EUROMAP size designation ¹

Clamping unit

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

170 S	125 - 30
	150 - 30 70
	180 - 30 70

170 S		
125	150	180
40 200		
150 ---		
350 ---		
170 x 170		
275 x 275		
36 [55]		
16 75		
1,2 0,8 - 119		

30		70			
15	18	18	22	25	
17,7	14,5	24,5	20	17,5	
60		90			
10,6	15,3	23	34	44	
9,5	14	21	31	40	
1,7	2,3	4,1	5,5	6,5	
0,8	1,2	2,1	2,8	3,3	
2200	2000	2500	2000	1550	
2200	2000	2500	2000	1550	
26 42	38 60	42	62	80	
13 20	15 24	24	30	34	
50	60	90	110	120	
40 120		50 150			
2,3 4		4,1 4			

30	70	
7,5 11	11	
12 15	17	

270 S	250 - 70 100
	350 - 70 100 170
	400 - 70 100 170

270 S		
250	350	400
90 350		
200 ---		
550 ---		
270 x 270		
380 x 380		
135 [200]		
20 100		
2,0 1,2 1,0 - 189		

70			100			170		
18	22	25	20	25	30	25	30	35
24,5	20	17,5	25	20	16,7	24	20	17
90			100			120		
23	34	44	31	49	71	59	85	115
21	31	40	29	45	65	54	77	105
4,1	5,5	6,5	5,5	8	9,5	10	13,5	16
2,1	2,8	3,3	2,8	4	4,9	5	7	8
2500	2000	1550	2500	2000	1390	2500	2000	1470
2500	2000	1550	2500	2000	1390	2500	2000	1470
42 68	62 100	80 130	40 64	62 100	90 146	66	96	132
138	208	268	172	268	388	216	312	424
24 39	30 48	34 55	17 28	22 35	26 42	35	42	49
90	110	120	120	150	180	210	250	290
50 150			50 180			50 210		
4,1 4			4,9 5			9,4 5		

70	100	170
7,5 11 7,5	11 11 7,5	11 11 7,5
14 21 14	18 22 15	22 26 18

Machine type

with EUROMAP size designation ¹

Clamping unit

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

370 S	500 - 100 170
	600 - 100 170 290
	700 - 100 170 290

370 S
500 600 700
160 400
200 ---
600 ---
370 x 370
510 x 510
360
30 125
2,1 1,4 1,3 - 259

100	170	290
20 25 30	25 30 35	30 35 40
25 20 16,7	24 20 17	23,3 20 17,5
100	120	150
31 49 71	59 85 115	106 144 188
29 45 65	54 77 105	97 132 172
5,5 8 9,5	10 13,5 16	17 20,5 24,5
2,8 4 4,9	5 7 8	8,5 10,5 12,5
2500 2000 1390	2500 2000 1470	2500 2000 1530
2500 2000 1390	2500 2000 1470	2500 2000 1530
64 90 172	100 142 268	146 204 388
66 94 216	96 136 312	132 186 424
102 316	140 430	182 562
28 39	35 49	42 59
35 49	42 59	49 69
46	54	62
120	150	180
210	250	290
320	380	430
50 180	50 210	60 240
4,9 5	9,4 5	6,4 5

100	170	290
15	15	15
22	27	24 23 23

470 S	800 - 170 290
	1000 - 170 290 400
	1100 - 170 290 400

470 S
800 1000 1100
255 500
250 ---
750 ---
470 x 470
637 x 637
760
40 175
2,3 1,8 1,5 - 329

170	290	400
25 30 35	30 35 40	35 40 45
24 20 17	23,3 20 17,5	23 20 18
120	150	160
59 85 115	106 144 188	154 201 254
54 77 105	97 132 172	141 184 232
10 13,5 16	17 20,5 24,5	25 29 35
5 7 8	8,5 10,5 12,5	12,5 15 17,5
2500 2000 1470	2500 2000 1530	2500 2000 1580
2500 2000 1470	2500 2000 1530	2500 2000 1580
94 120 216	136 172 312	186 236 424
102 130 316	140 178 430	182 232 562
128 492	168 642	212 814
49 50	59 60	69 70
46 51	54 60	62 69
47	53	60
210	250	290
320	380	430
480	550	610
50 210	60 240	60 300
9,4 5	6,4 5	9,4 5

170	290	400
18,5 18,5 15	18,5 18,5 15	18,5 22 15
30 30 26	27 27 24	30 34 26

Machine type

with EUROMAP size designation ¹

Clamping unit

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

520 S	1300 - 290 400
	1500 - 290 400 800
	1600 - 290 400 800

520 S
1300 1500 1600
365 575
250 ---
825 ---
520 x 520
695 x 695
1050
50 175
2,5 1,9 1,7 - 364

290	400	800
30 35 40	35 40 45	45 50 55
23,3 20 17,5	23 20 18	22 20 18
150	160	200
106 144 188	154 201 254	318 392 474
97 132 172	141 184 232	291 359 434
17 20,5 24,5	25 29 35	46 53 59
8,5 10,5 12,5	12,5 15 17,5	23 27 30
2500 2000 1530	2500 2000 1580	2470 2000 1650
2500 2000 1530	2500 2000 1580	2470 2000 1650
130 316 178 430 232 562	128 160 492 168 210 642 212 266 814	174 530 214 656 260 792
51 60 69	47 53 60	54 60 66
320 380 430	480 550 610	880
60 240	60 300	70 400
6,4 5	9,4 5	19,9 8

290	400	800
22 30 22	22 30 22	30
31 39 31	34 42 33	52

570 S	1600 - 400 800
	2000 - 400 800
	2200 - --- 800 1300

570 S
1600 2000 2200
520 650
250 ---
900 ---
570 x 570
795 x 795
1400
70 200
3,1 2,4 2,3 - 399

400	800	1300
35 40 45	45 50 55	55 60 70
23 20 18	22 20 18	22 20 17
160	200	235
154 201 254	318 392 474	558 664 904
141 184 232	291 359 434	510 607 826
25 29 35	46 53 59	86 96 115
12,5 15 17,5	23 27 30	43 48 58
2500 2000 1580	2470 2000 1650	2380 2000 1470
2500 2000 1580	2470 2000 1650	2380 2000 1470
128 492 168 642 212 814	138 174 530 170 214 656 208 260 792	238 714 284 848 388 1156
52 60 67	45 54 50 60 55 66	40 43 51
480 550 610	880	1510 1640 1920
60 400	70 400	90 550
9,4 5	19,9 8	22,9 8

400	800	1300
30 30 22	30	--- 37 30
34 42 34	53	--- 63 55

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

630 S	2500 - 800 1300 2100
-------	--------------------------

630 S		
2500		
725 600		
--- 300		
--- 900-1300		
630 x 630		
900 x 900		
2500		
90 225		
3,8 2,3 1,7 - 441		

800			1300			2100		
45	50	55	55	60	70	60	70	80
22	20	18	22	20	17	23	20	17,5
200			235			280		
318	392	474	558	664	904	792	1078	1407
291	359	434	510	607	826	723	984	1286
46	53	59	86	96	115	125	145	175
23	27	30	43	48	58	62	74	88
2470	2000	1650	2380	2000	1470	2500	2000	1530
2470	2000	1650	2380	2000	1470	2500	2000	1530
242	300	364	238	284	388	224	306	400
530	656	792	714	848	1156	1132	1540	2012
54	60	66	40	43	51	43	51	58
880			1510 1640 1920			2140 2500 2550		
70 400			90 550			110 600		
19,9 8			22,9 8			31,4 8		

800	1300	2100
45 45 30	45 45 37	--- 55 45
68 68 53	74 71 63	--- 89 70

720 S	3200 - 1300 2100 3200
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720 S		
3200		
800 700		
--- 300		
--- 1000-1400		
720 x 720		
1040 x 1040		
3600		
100 250		
4,8 3,5 2,1 - 504		

1300			2100			3200		
55	60	70	60	70	80	70	80	90
22	20	17	23	20	17,5	23	20	18
235			280			320		
558	664	904	792	1078	1407	1232	1608	2036
510	607	826	723	984	1286	1125	1469	1860
86	96	115	125	145	175	185	215	250
43	48	58	62	74	88	93	110	125
2380	2000	1470	2500	2000	1530	2500	2000	1580
2380	2000	1470	2500	2000	1530	2500	2000	1580
238	284	388	224	306	400	290	380	482
714	848	1156	1132	1540	2012	1188	1552	1964
40	43	51	43	51	58	47	54	61
1510	1640	1920	2140	2500	2550	3140	3510	3510
90 550			110 600			110 600		
22,9 8			31,4 8			38,4 8		

1300	2100	3200
45 45 37	55 55 37	--- 55 45
71 71 63	76 89 71	--- 63 63

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

820 S	4000 - 2100 3200 4600
-------	---------------------------

820 S
4000
800 700
--- 350
--- 1050-1550
820 x 820
1171 x 1171
5000
100 250
5,0 3,7 2,3 - 574

2100			3200			4600		
60	70	80	70	80	90	80	90	100
23	20	17,5	23	20	18	22,5	20	18
280			320			360		
792	1078	1407	1232	1608	2036	1810	2290	2827
723	984	1286	1125	1469	1860	1653	2092	2583
125	145	175	185	215	250	255	295	330
62	74	88	93	110	125	120	150	170
2500	2000	1530	2500	2000	1580	2500	2000	1620
2500	2000	1530	2500	2000	1580	2500	2000	1620
290 1132	394 1540	514 2012	290 1188	380 1552	482 1964	310 1264	392 1600	484 1976
56	65	75	47	54	61	38	43	48
2140	2500	2550	3140	3510	3510	4400	4950	5000
110 600			110 600			110 600		
31,4 8			38,4 8			50,9 9		

2100	3200	4600
55 55 37	55 55 37	--- 75 45
89 89 71	96 96 78	--- 129 99

920 S	5000 - 2100 3200 4600
-------	---------------------------

920 S
5000
1000 900
--- 400
--- 1300-1950
920 x 920
1280 x 1280
8000
100 250
6,0 4,5 3,2 - 644

2100			3200			4600		
60	70	80	70	80	90	80	90	100
23	20	17,5	23	20	18	22,5	20	18
280			320			360		
792	1078	1407	1232	1608	2036	1810	2290	2827
723	984	1286	1125	1469	1860	1653	2092	2583
125	145	175	185	215	250	255	295	330
62	74	88	93	110	125	120	150	170
2500	2000	1530	2500	2000	1580	2500	2000	1620
2500	2000	1530	2500	2000	1580	2500	2000	1620
290 1132	394 1540	514 2012	290 1188	380 1552	482 1964	310 1264	392 1600	484 1976
51	60	68	47	54	61	38	43	48
2140	2500	2550	3140	3510	3510	4400	4950	5000
110 600			110 600			110 600		
31,4 8			38,4 8			50,9 9		

2100	3200	4600
55 75 37	55 75 37	--- 75 37
89 110 72	96 116 78	--- 129 91

GOLDEN EDITION



							
		70	100	170	290	400	800
270 C GOLDEN EDITION	400						
320 C GOLDEN EDITION	500						
420 C GOLDEN EDITION	1000						
470 C GOLDEN EDITION	1500						
570 C GOLDEN EDITION	2000						

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

270 C GOLDEN EDITION	400 - 70 100
----------------------	----------------

270 C GOLDEN EDITION	
	400
	130 350
	200 ---
	550 ---
	270 x 270
	446 x 446
	180
	30 125
	1,2 - 189

70			100			
18	22	25	20	25	30	
24,5	20	17,5	25	20	16,7	
	90			100		
23	34	44	31	49	71	
21	31	40	29	45	65	
4,1	5,5	6,5	5,5	8	9,5	
2,1	2,8	3,3	2,8	4	4,9	
2500	2000	1550	2500	2000	1390	
2500	2000	1550	2500	2000	1390	
68	100	130	64	100	146	
39	48	55	28	35	42	
90	110	120	120	150	180	
	50 150			50 180		
	4,1 4			4,9 5		

70	100	
7,5	11	
14	19	

320 C GOLDEN EDITION	500 - 100 170
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320 C GOLDEN EDITION	
	500
	130 350
	200 ---
	550 ---
	320 x 320
	446 x 446
	180
	30 125
	1,3 - 224

100			170			
20	25	30	25	30	35	
25	20	16,7	24	20	17	
	100			120		
31	49	71	59	85	115	
29	45	65	54	77	105	
5,5	8	9,5	10	13,5	16	
2,8	4	4,9	5	7	8	
2500	2000	1390	2500	2000	1470	
2500	2000	1390	2500	2000	1470	
64	100	146	66	96	132	
28	35	42	35	42	49	
120	150	180	210	250	290	
	50 180			50 210		
	4,9 5			9,4 5		

100	170	
11	11	
19	22	

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

420 C GOLDEN EDITION	1000 - 290
----------------------	------------

420 C GOLDEN EDITION	
	1000
	250 500
	250 ---
	750 ---
	420 x 420
	570 x 570
	600
	40 175
	1,8 - 294

	290			
	30	35	40	
	23,3	20	17,5	
	150			
	106	144	188	
	97	132	172	
	17	20,5	24,5	
	8,5	10,5	12,5	
	2500	2000	1530	
	2500	2000	1530	
	102	140	182	
	46	54	62	
	320	380	430	
	60 240			
	6,4 5			

	290	
	15	
	24	

470 C GOLDEN EDITION	1500 - 400 800
----------------------	------------------

470 C GOLDEN EDITION	
	1500
	350 500
	250 ---
	750 ---
	470 x 470
	650 x 650
	800
	40 175
	1,8 - 329

400			800			
35	40	45	45	50	55	
23	20	18	22	20	18	
160			200			
154	201	254	318	392	474	
141	184	232	291	359	434	
25	29	35	46	53	59	
12,5	15	17,5	23	27	30	
2500	2000	1580	2470	2000	1650	
2500	2000	1580	2470	2000	1650	
128	168	212	174	214	260	
47	53	60	54	60	66	
480	550	610	880			
60 300			70 400			
9,4 5			19,9 8			

400	800	
18,5	22	
30	44	

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

570 C GOLDEN EDITION	2000 - 800
----------------------	------------

570 C GOLDEN EDITION	
	2000
	520 650
	300 ---
	950 ---
	570 x 570
	795 x 795
	1500
	66 225
	2,6 - 399

	800			
	45	50	55	
	22	20	18	
	200			
	318	392	474	
	291	359	434	
	46	53	59	
	23	27	30	
	2470	2000	1650	
	2470	2000	1650	
	174	214	260	
	54	60	66	
	880			
	70 400			
	19,9 8			

	800	
	22	
	45	

ALLROUNDER V



						
		30	70	100	170	290
	kN					
175 V	125					
275 V	250					
375 V	500					

Machine type

 with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

175 V	125 - 30 70
175 V	125
	30 225
	100 ---
	325 ---

	36
	16 40
	2,9 - 122

30		70			
15	18	18	22	25	
17,7	14,5	24,5	20	17,5	
	60		90		
10,6	15,3	23	34	44	
9,5	14	21	31	40	
1,7	2,3	4,1	5,5	6,5	
0,8	1,2	2,1	2,8	3,3	
2200	2000	2500	2000	1550	
2200	2000	2500	2000	1550	
26	38	26	40	52	
13	15	15	19	22	
50	60	90	110	120	
	40 120		50 150		
	2,3 4		4,1 4		

30	70	
5,5	5,5	
10	12	

275 V	250 - 70 100
275 V	250
	100 225
	--- 150
	--- 375-475

	110
	30 60
	4,8 - 192

70			100			
18	22	25	20	25	30	
24,5	20	17,5	25	20	16,7	
	90			100		
23	34	44	31	49	71	
21	31	40	29	45	65	
4,1	5,5	6,5	5,5	8	9,5	
2,1	2,8	3,3	2,8	4	4,9	
2500	2000	1550	2500	2000	1390	
2500	2000	1550	2500	2000	1390	
42	62	80	40	62	90	
24	30	34	17	22	26	
90	110	120	120	150	180	
	50 150			50 180		
	4,1 4			4,9 5		

70	100	
7,5	7,5	
14	17,5	

Machine type

with EUROMAP size designation ¹

Clamping unit

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

375 V 500 - 100 | 170 | 290

375 V

500
40 250
--- 200
--- 450-550

230
30 70
3,0 - 240

100

20	25	30
25	20	16,7
100		
31	49	71
29	45	65
5,5	8	9,5
2,8	4	4,9
2500	2000	1390
2500	2000	1390
64	100	146
28	35	42
120	150	180
50 180		
4,9 5		

170

25	30	35
24	20	17
120		
59	85	115
54	77	105
10	13,5	16
5	7	8
2500	2000	1470
2500	2000	1470
66	96	132
35	42	49
210	250	290
50 210		
9,4 5		

290

30	35	40
23,3	20	17,5
150		
106	144	188
97	132	172
17	20,5	24,5
8,5	10,5	12,5
2500	2000	1530
2500	2000	1530
72	100	130
33	39	44
320	380	430
60 240		
6,4 5		

100

11
18

170

11
22

290

11
20

ALLROUNDER T



	kN										
		70	100	170	290	400	800	1300	2100	3200	4600
1200 T	800										
	1000										
	1600										
	2000										
1300 T	1000										
	1600										
1500 T	1600										
	2000										
	2500										
	3200										
1600 T	2000										
1800 T	2000										
	2500										
	3200										
2000 T	2000										

Machine type

with EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

1200 T	800 - 70 100
---------------	----------------

1200 T
800
115 300
300 ---
600 ---
1200

400
45 175
3.7 - 240

70			100			
18	22	25	20	25	30	
24,5	20	17,5	25	20	16,7	
90			100			
23	34	44	31	49	71	
21	31	40	29	45	65	
4,1	5,5	6,5	5,5	8	9,5	
2,1	2,8	3,3	2,8	4	4,9	
2500	2000	1550	2500	2000	1390	
2500	2000	1550	2500	2000	1390	
68	100	130	90	142	204	
138	208	268	172	268	388	
45	55	62	32	40	48	
90	110	120	120	150	180	
50 150			50 180			
4,1 4			4,9 5			

70	100	
18,5	18,5	
28	28	

1200 T	1000 - 170	290	400
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1200 T
1000
115 300
300 ---
600 ---
1200

400
45 175
3.7 - 240

170			290			400		
25	30	35	30	35	40	35	40	45
24	20	17	23,3	20	17,5	23	20	18
120			150			160		
59	85	115	106	144	188	154	201	254
54	77	105	97	132	172	141	184	232
10	13,5	16	17	20,5	24,5	25	29	35
5	7	8	8,5	10,5	12,5	12,5	15	17,5
2500	2000	1470	2500	2000	1530	2500	2000	1580
2500	2000	1470	2500	2000	1530	2500	2000	1580
94	136	186	130	178	232	128	168	212
216	312	424	316	430	562	492	642	814
40	48	56	37	44	50	28	32	36
210	250	290	320	380	430	480	550	610
50 210			60 240			60 400		
9,4 5			6,4 5			9,4 5		

170	290	400
18,5	18,5	22
33	30	36

Machine typewith EUROMAP size designation ¹

Clamping unit	
with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit	
with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection	
with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

1200 T	1600 - 400
	2000 - 800

1200 T	1200 T	
1600	2000	
115 300	115 300	
300 ---	300 ---	
600 ---	600 ---	
1200	1200	
---	---	
400	400	
45 175	45 175	
3,7 - 240	3,7 - 240	

400			800			
35	40	45	45	50	55	
23	20	18	22	20	18	
160			200			
154	201	254	318	392	474	
141	184	232	291	359	434	
25	29	35	46	53	59	
12,5	15	17,5	23	27	30	
2500	2000	1580	2470	2000	1650	
2500	2000	1580	2470	2000	1650	
128	168	212	174	214	260	
492	642	814	530	656	792	
28	32	36	54	60	66	
480	550	610	880			
60 400			70 400			
9,4 5			19,9 8			

400	800	
22	30	
36	55	

1300 T	1000 - 70 100
--------	-----------------

1300 T	1300 T
	1000
	115 300
	300 ---
	600 ---
	1300

	500
	45 175
	3,7 - 240

70			100			
18	22	25	20	25	30	
24,5	20	17,5	25	20	16,7	
90			100			
23	34	44	31	49	71	
21	31	40	29	45	65	
4,1	5,5	6,5	5,5	8	9,5	
2,1	2,8	3,3	2,8	4	4,9	
2500	2000	1550	2500	2000	1390	
2500	2000	1550	2500	2000	1390	
68	100	130	90	142	204	
138	208	268	172	268	388	
45	55	62	32	40	48	
90	110	120	120	150	180	
50 150			50 180			
4,1 4			4,9 5			

70	100	
18,5	18,5	
28	28	

Machine typewith EUROMAP size designation ¹**Clamping unit**

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

1300 T 1000 - 170 | 290 | 400

1300 T
1000
115 300
300 ---
600 ---
1300

500
45 175
3,7 - 240

170			290			400		
25	30	35	30	35	40	35	40	45
24	20	17	23,3	20	17,5	23	20	18
120			150			160		
59	85	115	106	144	188	154	201	254
54	77	105	97	132	172	141	184	232
10	13,5	16	17	20,5	24,5	25	29	35
5	7	8	8,5	10,5	12,5	12,5	15	17,5
2500	2000	1470	2500	2000	1530	2500	2000	1580
2500	2000	1470	2500	2000	1530	2500	2000	1580
120	172	236	130	178	232	128	168	212
216	312	424	316	430	562	492	642	814
63	75	80	59	69	79	47	53	60
210	250	290	320	380	430	480	550	610
50 210			60 240			60 400		
9,4 5			6,4 5			9,4 5		

170	290	400
18,5	18,5	22
33	30	36

1300 T 1600 - 70 | 100 | 170

1300 T
1600
115 300
300 ---
600 ---
1300

500
45 175
3,7 - 240

70			100			170		
18	22	25	20	25	30	25	30	35
24,5	20	17,5	25	20	16,7	24	20	17
90			100			120		
23	34	44	31	49	71	59	85	115
21	31	40	29	45	65	54	77	105
4,1	5,5	6,5	5,5	8	9,5	10	13,5	16
2,1	2,8	3,3	2,8	4	4,9	5	7	8
2500	2000	1550	2500	2000	1390	2500	2000	1470
2500	2000	1550	2500	2000	1390	2500	2000	1470
68	100	130	90	142	204	120	172	236
138	208	268	172	268	388	216	312	424
45	55	62	32	40	48	63	75	80
90	110	120	120	150	180	210	250	290
50 150			50 180			50 400		
4,1 4			4,9 5			9,4 5		

70	100	170
18,5	18,5	---
28	28	---

Machine typewith EUROMAP size designation ¹**Clamping unit**

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

1300 T 1600 - 290 | 400 | 800

1300 T
1600
115 300
300 ---
600 ---
1300

500
45 175
3,7 - 240

290			400			800		
30	35	40	35	40	45	45	50	55
23,3	20	17,5	23	20	18	22	20	18
150			160			200		
106	144	188	154	201	254	318	392	474
97	132	172	141	184	232	291	359	434
17	20,5	24,5	25	29	35	46	53	59
8,5	10,5	12,5	12,5	15	17,5	23	27	30
2500	2000	1530	2500	2000	1580	2470	2000	1650
2500	2000	1530	2500	2000	1580	2470	2000	1650
130	178	232	128	168	212	174	214	260
316	430	562	492	642	814	530	656	792
47	53	60	47	53	60	59	69	79
320	380	430	480	550	610	880		
60 210			60 240			70		
6,4 5			9,4 5			19,9		

290	400	800
18,5	18,5	22
33	30	36

1500 T 1600 - 170 | 290 | 400

1500 T
1600
115 300
400 ---
700 ---
1500

500
45 175
4,3 - 300

170			290			400		
25	30	35	30	35	40	35	40	45
24	20	17	23,3	20	17,5	23	20	18
120			150			160		
59	85	115	106	144	188	154	201	254
54	77	105	97	132	172	141	184	232
10	13,5	16	17	20,5	24,5	25	29	35
5	7	8	8,5	10,5	12,5	12,5	15	17,5
2500	2000	1470	2500	2000	1530	2500	2000	1580
2500	2000	1470	2500	2000	1530	2500	2000	1580
120	172	236	130	178	232	128	168	212
216	312	424	316	430	562	492	642	814
63	75	80	59	69	79	47	53	60
210	250	290	320	380	430	480	550	610
50 210			60 240			60 400		
9,4 5			6,4 5			9,4 5		

170	290	400
18,5	18,5	22
33	30	36

Machine typewith EUROMAP size designation ¹**Clamping unit**

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

1500 T 2000 - 400 | 800

1500 T
2000
115 300
400 ---
700 ---
1500

500
45 175
4,3 - 300

400			800			
35	40	45	45	50	55	
23	20	18	22	20	18	
160			200			
154	201	254	318	392	474	
141	184	232	291	359	434	
25	29	35	46	53	59	
12,5	15	17,5	23	27	30	
2500	2000	1580	2470	2000	1650	
2500	2000	1580	2470	2000	1650	
128	168	212	174	214	260	
492	642	814	530	656	792	
47	53	60	59	69	79	
480	550	610	880			
60 400			70 400			
9,4 5			19,9 8			

400	800	
22	30	
36	55	

1500 T 2500 - 800 | 1300

1500 T
2500
115 300
400 ---
700 ---
1500

500
45 175
4,3 - 300

800			1300			
45	50	55	55	60	70	
22	20	18	22	20	17	
200			235			
318	392	474	558	664	904	
291	359	434	510	607	826	
46	53	59	86	96	115	
23	27	30	43	48	58	
2470	2000	1650	2380	2000	1470	
2470	2000	1650	2380	2000	1470	
242	300	364	238	284	388	
530	656	792	714	848	1156	
54	60	66	40	43	51	
880			1510	1640	1920	
70 400			90 550			
19,9 8			22,9 8			

800	1300	
45	45	
68	71	

Machine typewith EUROMAP size designation ¹**Clamping unit**

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

1500 T 3200 - 1300 | 2100**1500 T**

3200
115 300
400 ---
700 ---
1500

500
45 175
4,3 - 300

1300

55	60	70	60	70	80	
22	20	17	23	20	17,5	
235			280			
558	664	904	792	1078	1407	
510	607	826	723	984	1286	
86	96	115	125	145	175	
43	48	58	62	74	88	
2380	2000	1470	2500	2000	1530	
2380	2000	1470	2500	2000	1530	
238	284	388	224	306	400	
714	848	1156	1132	1540	2012	
40	43	51	43	51	58	
1510	1640	1920	2140	2500	2550	
	90 550		110 600			
	22,9 8		31,4 8			

1300

45
71

1600 T 2000 - 170 | 290**1600 T**

2000
115 300
400 ---
700 ---
1600

1000
45 175
4,3 - 290

170

25	30	35	30	35	40	
24	20	17	23,3	20	17,5	
120			150			
59	85	115	106	144	188	
54	77	105	97	132	172	
10	13,5	16	17	20,5	24,5	
5	7	8	8,5	10,5	12,5	
2500	2000	1470	2500	2000	1530	
2500	2000	1470	2500	2000	1530	
94	136	186	130	178	232	
216	312	424	316	430	562	
63	75	80	59	69	79	
250			380			
50 210			60 240			
9,4 5			6,4 5			

290

18,5
30

Machine type

with EUROMAP size designation ¹

Clamping unit

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

1600 T 2000 - 400 | 800

1600 T

2000

115 | 300

400 | ---

700 | ---

1600

1000

45 | 175

4,3 - 290

400

35

40

45

45

50

55

23

20

18

22

20

18

160

200

154

201

254

318

392

474

141

184

232

291

359

434

25

29

35

46

53

59

12,5

15

17,5

23

27

30

2500

2000

1580

2470

2000

1650

2500

2000

1580

2470

2000

1650

128

168

212

174

214

260

| 492

| 642

| 814

| 530

| 656

| 792

47

53

90

59

69

79

550

880

60 | 400

70 | 400

9,4 | 5

19,9 | 8

800

800

30

30

55

55

1800 T 2000 - 400 | 800

1800 T

2000

115 | 300

400 | ---

700 | ---

1800

800

25 | 175

4,9 - 290

400

35

40

45

45

50

55

23

20

18

22

20

18

160

200

154

201

254

318

392

474

141

184

232

291

359

434

25

29

35

46

53

59

12,5

15

17,5

23

27

30

2500

2000

1580

2470

2000

1650

2500

2000

1580

2470

2000

1650

128

168

212

174

214

260

| 492

| 642

| 814

| 530

| 656

| 792

47

53

60

54

60

66

480

550

610

880

60 | 400

70 | 400

9,4 | 5

19,9 | 8

400

800

22

30

36

55

Machine type

with EUROMAP size designation ¹

Clamping unit

with clamping force	max. kN
Opening force stroke	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platens (w x h)	max. mm
Weight of movable mould half	max. kg
Ejector force stroke	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

with screw diameter	mm
Effective screw length	L/D
Screw stroke	max. mm
Calculated injection volume	max. cm ³
Shot weight	max. g PS
Material throughput	max. kg/h PS max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	max. cm ³ /s
Screw circumferential speed ²	max. m/min
Screw torque	max. Nm
Nozzle contact force retraction stroke	max. kN mm
Heating capacity zones	kW

Drive and connection

with injection unit	
Drive power ²	max. kW
Connected wattage ^{2 3}	kW

2000 T 2000 - 400 | 800**2000 T**

2000

115 | 500

400 | ---

900 | ---

2000

2000

45 | 175

400**800**

35	40	45	45	50	55	
23	20	18	22	20	18	
160			200			
154	201	254	318	392	474	
141	184	232	291	359	434	
25	29	35	46	53	59	
12,5	15	17,5	23	27	30	
2500	2000	1580	2470	2000	1650	
2500	2000	1580	2470	2000	1650	
128 492	168 642	212 814	174 530	214 656	260 792	
47	53	60	54	60	66	
480	550	610	880			
	60 400		70 400			
	9,4 5		19,9 8			

400**800**

22

30

36

55

INTEGRALPICKER



											
	kg	270/320	370	420/470	520	570	630	720	820	920	1120
INTEGRALPICKER V	1										
MULTILIFT H	3										
	3+1										
	5										
MULTILIFT SELECT	6										
	6+1										
	15										
	25										
MULTILIFT V	6										
	15										
	30										
	40										

Robotic system
with size designation

INTEGRALPICKER V	1
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max. kg	Handling weight ¹⁾ for machine size
---------	---

1 270 - 570

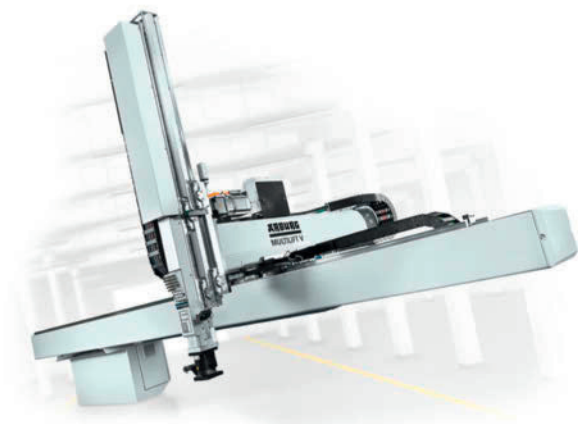
Main axes	
mm	Stroke, servo-electric ²⁾ Z
max. mm/s	Speed Z
mm	Stroke, pneumatic servo-electric ²⁾ X³⁾
max. mm/s	Speed, pneumatic servo-electric X³⁾
mm	Stroke, servo-electric ²⁾ Y
max. mm/s	Speed, servo-electric Y
± mm	Repetition accuracy per axis

--- 250 / 400
--- 1200
700 / 800 / 900
2000
0,2

Secondary axes	
max. degrees	Angle of rotation servo-electric A⁵⁾
Nm	Torque servo-electric A⁵⁾
kg	Weight servo-electric A⁵⁾
max. degrees	Angle of rotation pneumatic servo-electric B⁴⁾
Nm	Torque pneumatic servo-electric B⁴⁾
kg	Weight pneumatic servo-electric B⁴⁾
degrees	Swivel range pneumatic servo-electric C
Nm	Torque pneumatic servo-electric C
kg	Weight pneumatic servo-electric C
mm	Stroke, pneumatic G³⁾
kg	Weight G³⁾

--- 100

MULTILIFT



											
	kg	270/320	370	420/470	520	570	630	720	820	920	1120
INTEGRALPICKER V	1										
MULTILIFT H	3										
	3+1										
	5										
MULTILIFT SELECT	6										
	6+1										
	15										
	25										
MULTILIFT V	6										
	15										
	30										
	40										

Robotic system
with size designation

MULTILIFT H	3
	3+1
	5

max. kg	Handling weight ¹⁾ for machine size
---------	---

3 270 - 370	3+1 270 - 370	5 270 - 920
----------------	------------------	----------------

Main axes	
mm	Stroke, servo-electric ²⁾ Z
max. mm/s	Speed Z
mm	Stroke, pneumatic servo-electric ²⁾ X³⁾
max. mm/s	Speed, pneumatic servo-electric X³⁾
mm	Stroke, servo-electric ²⁾ Y
max. mm/s	Speed, servo-electric Y
± mm	Repetition accuracy per axis

600 - 800	600 - 800	600 - 1800
2000	2000	2000 [2800]
--- 250	--- 250	100 / 200 200 / 400
--- 1200	--- 1200	--- 2000
---	---	---
---	---	---
0,1	0,1	0,1

Secondary axes	
max. degrees	Angle of rotation servo-electric A⁵⁾
Nm	Torque servo-electric A⁵⁾
kg	Weight servo-electric A⁵⁾
max. degrees	Angle of rotation pneumatic servo-electric B⁴⁾
Nm	Torque pneumatic servo-electric B⁴⁾
kg	Weight pneumatic servo-electric B⁴⁾
degrees	Swivel range pneumatic servo-electric C
Nm	Torque pneumatic servo-electric C
kg	Weight pneumatic servo-electric C
mm	Stroke, pneumatic G³⁾
kg	Weight G³⁾

---	---	---
---	---	---
---	---	---
---	---	90 ---
---	---	---
---	---	---
0 - 90	0 - 90	0 - 90
5	5	10
---	---	---
---	---	50 / 80
---	---	1,0 / 1,3

MULTILIFT

Robotic system
with size designation

max. kg	Handling weight¹⁾ for machine size
---------	---

Main axes	
mm	Stroke, servo-electric ²⁾ Z

max. mm/s	Speed Z
-----------	----------------

mm	Stroke, pneumatic servo-electric ²⁾ X³⁾
----	--

max. mm/s	Speed, pneumatic servo-electric X³⁾
-----------	---

mm	Stroke, servo-electric ²⁾ Y
----	---

max. mm/s	Speed, servo-electric Y
-----------	--------------------------------

± mm	Repetition accuracy per axis
------	------------------------------

Secondary axes	
-----------------------	--

max. degrees	Angle of rotation servo-electric A⁵⁾
--------------	--

Nm	Torque servo-electric A⁵⁾
----	---

kg	Weight servo-electric A⁵⁾
----	---

max. degrees	Angle of rotation pneumatic servo-electric B⁴⁾
--------------	--

Nm	Torque pneumatic servo-electric B⁴⁾
----	---

kg	Weight pneumatic servo-electric B⁴⁾
----	---

degrees	Swivel range pneumatic servo-electric C
---------	--

Nm	Torque pneumatic servo-electric C
----	--

kg	Weight pneumatic servo-electric C
----	--

mm	Stroke, pneumatic G³⁾
----	---

kg	Weight G³⁾
----	------------------------------

MULTILIFT SELECT	6 6+1
------------------	---------

6 270 - 570	6+1 270 - 570	
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1000 / 1400 / 1800	1500 / 2000	
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1800	2000	
------	------	--

--- 400 / 600	--- 500	
-----------------	-----------	--

--- 2000	--- 2000	
------------	------------	--

600 / 800 / 1000	1000	
---------------------	------	--

2700	2700	
------	------	--

0,1	0,1	
-----	-----	--

--	--	--

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---	---	
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---	---	
-----	-----	--

---	---	
-----	-----	--

0 - 180 ---	---	
---------------	-----	--

10 ---	---	
----------	-----	--

2,5 ---	---	
-----------	-----	--

0 - 90	0 - 90	
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13	13	
----	----	--

1,2	2	
-----	---	--

---	---	
-----	-----	--

---	---	
-----	-----	--

MULTILIFT

MULTILIFT SELECT	15 25
------------------	---------

15 570 - 920	25 630 - 920	
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--	--	--

1600 / 2000 / 2400 / 2800	2000 / 2500 / 3000	
------------------------------	-----------------------	--

2400	3500	
------	------	--

--- 700 / 900	900	
-----------------	-----	--

--- 1800	--- 3000	
------------	------------	--

1000 / 1200 / 1400	1400 / 1800	
-----------------------	-------------	--

3000	3900 (3000)	
------	-------------	--

0,1	0,1	
-----	-----	--

--	--	--

--	--	--

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---	---	
-----	-----	--

---	---	
-----	-----	--

---	---	
-----	-----	--

0 - 180 ---	0 - 180 ---	
---------------	---------------	--

14 ---	12 ---	
----------	----------	--

3,5 ---	0,4 ---	
-----------	-----------	--

0 - 90	0 - 90	
--------	--------	--

28	120	
----	-----	--

2,6	10,3	
-----	------	--

---	---	
-----	-----	--

---	---	
-----	-----	--

MULTILIFT

Robotic system
with size designation

max. kg	Handling weight ¹⁾ for machine size
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Main axes	
mm	Stroke, servo-electric ²⁾ Z
max. mm/s	Speed Z
mm	Stroke, pneumatic servo-electric ²⁾ X³⁾
max. mm/s	Speed, pneumatic servo-electric X³⁾
mm	Stroke, servo-electric ²⁾ Y
max. mm/s	Speed, servo-electric Y
± mm	Repetition accuracy per axis

Secondary axes	
max. degrees	Angle of rotation servo-electric A⁵⁾
Nm	Torque servo-electric A⁵⁾
kg	Weight servo-electric A⁵⁾
max. degrees	Angle of rotation pneumatic servo-electric B⁴⁾
Nm	Torque pneumatic servo-electric B⁴⁾
kg	Weight pneumatic servo-electric B⁴⁾
degrees	Swivel range pneumatic servo-electric C
Nm	Torque pneumatic servo-electric C
kg	Weight pneumatic servo-electric C
mm	Stroke, pneumatic G³⁾
kg	Weight G³⁾

MULTILIFT V	6 15
-------------	--------

6	15	
270 - 570	370 - 920	

1000 - 3200	1200 - 4000	
3000	3000	
--- 400 - 600	--- 500 - 900	
--- 2000	--- 2000	
600 - 1200	600 - 1400	
3000	3000 [4000]	
0,1	0,1	

---	0 - 180	
---	26	
---	4	
0 - 180 0 - 270	0 - 180 0 - 270	
10 18	14 50	
2,5 2,0	3,5 3,5	
0 - 90 0 - 180	0 - 90 0 - 180	
14 18	28 50	
1,2 2,2	2,6 4,5	
---	---	
---	---	

MULTILIFT

MULTILIFT V	30 40
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30	40	
570 - 1120	630 - 1120	

2000 - 5000	2000 - 6000	
2800	3000	
700 - 900	800 - 1200	
2400	2000	
1200 - 2000	1500 - 2500	
4000	3000	
0,1	0,1	

---	0 - 180	
---	85	
---	8	
0 - 180 0 - 270	0 - 270	
20 50	85	
6,5 4,0	6,0	
0 - 90 0 - 180	0 - 90 0 - 180	
39 50	88 85	
4 6	6 11	
---	---	
---	---	

Drive systems



Electric: A series, GOLDEN ELECTRIC



Hybrid: H series



Hydraulic: S series, GOLDEN EDITION series



Vertical: V series, T series

Upon request: other machine types and mould installation heights, screws, drive powers etc. All specifications relate to the basic machine version. Deviations are possible depending on versions, process settings and material type. Depending on the drive, certain combinations, e.g. max. injection pressure and max. injection flow may be mutually exclusive.

1) Clamping force (kN) - large injection unit = max. stroke volume (cm³) x max. injection pressure (kbar)

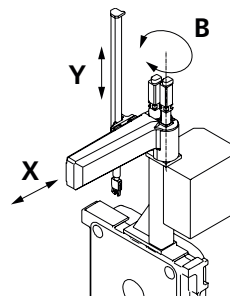
2) Specifications depend on the drive variant / drive configuration.

3) Specifications relate to 400 V/50 Hz.

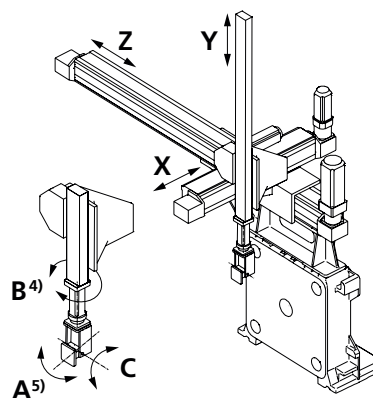
4) Table diameter with ALLROUNDER T

[] Specifications apply to alternative equipment.

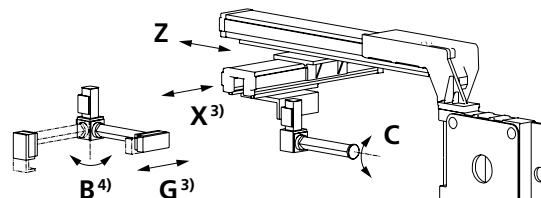
INTEGRALPICKER V



MULTILIFT SELECT and V



MULTILIFT H



1) Main arm + auxiliary arm: The specification relates to the total weight of parts, grippers and secondary axes

2) Specifications depend on the machine size

3) MULTILIFT H option

4) MULTILIFT H, SELECT and V option

5) MULTILIFT V 15 and 40 option

[] Specifications apply to alternative equipment



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