

Product range overview

ALLROUNDER and robotic systems

ARBURG



	kN								
		70	100	170	290	400	800	1300	2100
270 A	350								
370 A	500 - 600								
470 A	800 - 1000								
520 A	1300 - 1500								
570 A	1600 - 2000								
630 A	2500								
720 A	3200								
820 A	4000								
920 A	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	Standard Version	max. cm ³ /s 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 - 70 100 170
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270 A		
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
2390	1600	1240	2500	1600	1110	2310	1600	1170
76	114	147	94	148	214	148	214	290
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45	55	63	40	50	60	50	60	70
90	110	120	120	210	250	210	250	290
50 230			50 230			50 300		
4,1 4			4,9 5			9,4 5		

70	100	170
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16	18	24

370 A	500 - 100 170 290
	600 - 100 170 290

370 A	
500	600
--- 300	
--- 200-400	
--- 500-700	
370 x 370	
510 x 510	
360	
25 100	
1,0 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
94	148	214	148	214	290	212	288	376
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40	50	60	50	60	70	51	60	69
120	210	250	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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17	24	24 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	Standard Version	max. cm ³ /s 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	800 - 170 290 400
	1000 - 170 290 400

470 A	
800	1000
--- 350	
--- 250-500	
--- 600-850	
470 x 470	
637 x 637	
760	
40 175	
1,0 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
148	214	290	212	288	376	246	320	406
---			---			---		
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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25	25 26	31



520 A	1300 - 290 400 800
	1500 - 290 400 800

520 A	
1300	1500
--- 400	
--- 250-550	
--- 650-950	
520 x 520	
695 x 695	
1000	
40 175	
1,1 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
212	288	376	246	320	406	318	394	476
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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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26 27	32	50 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	Standard Version	max. cm ³ /s 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	1600 - 400 800 1300
	2000 - 400 800 1300

570 A		
1600	2000	
--- 450		
--- 250-550		
--- 700-1000		
570 x 570		
795 x 795		
1300		
60 200		
1,3 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
246	320	406	318	394	476	476	566	772
---			---			---		
53	60	68	54	60	66	55	60	70
480	550	610	900	1000	1100	1510	1640	1920
60 300			70 400			90 500		
9,4 5			19,9 8			22,9 8		

400	800	1300
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33 34	52 53	69 70



630 A	2500 - 800 1300 2100
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630 A		
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
1980	1600	1320	1900	1600	1170	2180	1600	1220
318	394	476	476	566	772	340	463	604
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54	60	66	55	60	70	51	60	69
900	1000	1100	1510	1640	1920	2010	2010	2010
70 400			90 500			110 640		
19,9 8			22,9 8			31,4 8		

800	1300	2100
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54	70	97

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	Standard Version
	max. cm ³ /s 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

720 A
3200
--- 600
--- 300-800
--- 900-1400
720 x 720
1040 x 1040
2900
86 250
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
318	394	476	476	566	772	340	463	604
---			---			---		
54	60	66	55	60	70	51	60	69
900	1000	1100	1510	1640	1920	2010	2010	2010
70 400			90 500			110 640		
19,9 8			22,9 8			31,4 8		

800	1300	2100
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58	75	99

820 A 4000 - 1300 | 2100

820 A
4000
--- 750
--- 350-850
--- 1100-1600
820 x 820
1171 x 1171
4000
86 250
2,3 - 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	340	463	604	
---			---			
55	60	70	51	60	69	
1510	1640	1920	2010	2010	2010	
90 500			110 640			
22,9 8			31,4 8			

1300	2100	
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74	99	

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. cm³
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	Standard	max. cm³/s
	Version	max. cm³/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

920 A

5000
--- 900
--- 400-1050
--- 1300-1950
920 x 920
1280 x 1280
6000
86 250
2,5 - 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	
476	566	772	340	463	604	
---			---			
55	60	70	51	60	69	
1510	1640	1920	2010	2010	2010	
90 500			110 640			
22,9 8			31,4 8			

1300

2100

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72	97	



	kN	170	290	400	800
370 E	600				
470 E	1000				
520 E	1500				
570 E	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	Standard max. cm ³ /s Version 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	600 - 170 290
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370 E	
600	
---	300
---	200-400
---	500-700
370 x 370	
510 x 510	
360	
25	100
1,2 - 259	

170			290			
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	290	
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19	17	

470 E	1000 - 170 290 400
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470 E	
1000	
---	350
---	250-500
---	600-850
470 x 470	
637 x 637	
760	
40	175
1,4 - 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
2300	1600	1170	2180	1600	1220	2090	1600	1260
78	114	154	98	134	176	126	164	208
102	148	202	128	176	230	162	214	270
31	37	44	28	33	37	27	31	35
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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20	19	26

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	Standard	max. cm ³ /s
	Version	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	1500 - 290 400 800
520 E	1500
	--- 400
	--- 250-550
	--- 650-950
	520 x 520
	695 x 695
	1000
	40 175
	1,5 - 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	1970	1600	1320
98	134	176	126	164	208	174	216	260
128	176	230	162	214	270	228	282	340
28	33	37	27	31	35	28	31	34
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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20	27	45

570 E	2000 - 400 800
570 E	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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29	47	



	kN										
		70	100	170	290	400	800	1300	2100	3200	4600
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										

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	Standard Version	max. cm ³ /s 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

Machine type 70 | 100 | 170

with EUROMAP size designation ¹

Clamping unit

with clamping force	max. kN
Opening force stroke --- 200	max. kN mm
Mould installation height, fixed variable	min.-max. mm
Platen distance, fixed variable 350-550	max. mm
Distance between tie bars (w x h) ⁴	mm
Mould mounting platen 380 x 380	max. mm
Weight of movable mould half	max. kg
Ejector force stroke 16 60	max. kN mm
Dry cycle time EUROMAP ²	min. s - mm

Injection unit

18	with screw diameter	mm
24,5	Effective screw length 20	16,7 24 20 D 17
	Screw stroke	max. mm
23	Calculated injection volume 49	71 59 max. 85 cm ³ 115
21	Shot weight	max. g PS
4,1	Material throughput 5,5	8 9,5 10 max. 13,5/h PS 16
2,1	2,8 3,3 2,8 4	4,9 5 max. 7 kg/h PA 66
2500	Injection pressure	max. bar
2500	Maximum pressure 2500	2000 1390 2500 max. 2000 1470
138	Injection flow ²	Standard Version max. cm ³ /s max. cm ³ /s
49	Screw circumferential speed 60	72 50 max. 60/min 70
90	Screw torque	max. Nm
50	Minimum contact force retraction stroke	max. 10 mm
4	Heating capacity zones	kW

Drive and connection

with injection unit

Drive power ²	---	max.-kW
Connected wattage ^{2 3}		kW

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	Standard Version	max. cm ³ /s 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	952	1134	1542
---			---			---		
47	54	61	54	60	66	55	60	70
480	550	610	900	1000	1100	1510	1640	1920
60 400			70 400			90 550		
9,4 5			19,9 8			22,9 8		

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

630 H	2500 - 800 1300 2100
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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
530	656	792	952	1134	1542	1132	1540	2012
---			---			---		
54	60	66	55	60	70	51	60	69
900	1000	1100	1510	1640	1920	2140	2500	2550
70 400			90 550			110 600		
19,9 8			22,9 8			31,4 8		

800	1300	2100
---	---	---
65	83	113

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	Standard Version	max. cm ³ /s 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
952	1134	1542	1132	1540	2012	1188	1552	1964
---			---			---		
55	60	70	51	60	69	41	47	53
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
---	---	---
93	122	153

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
1132	1540	2012	1188	1552	1964	1264	1600	1976
---			---			---		
51	60	69	41	47	53	50	60	66
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
---	---	---
115	145	196

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. cm³
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	Standard	max. cm³/s
	Version	max. cm³/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 H	5000 - 3200 4600
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920 H
5000
--- 900
--- 400-1050
--- 1300-1950
920 x 920
1280 x 1280
6000
86 250
2,5 - 644

3200			4600			
70	80	90	80	90	100	
23	20	18	22,5	20	18	
320			360			
1232	1608	2036	1810	2290	2827	
1125	1469	1860	1653	2092	2583	
185	215	250	255	295	330	
93	110	125	120	150	170	
2500	2000	1580	2500	2000	1620	
2500	2000	1580	2500	2000	1620	
1188	1552	1964	1264	1600	1976	
---			---			
41	47	53	50	60	66	
3140	3510	3510	4400	4950	5000	
110 600			110 600			
38,4 8			50,9 9			

3200	4600	
---	---	
155	198	



												
		30	70	100	170	290	400	800	1300	2100	3200	4600
	kN											
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 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	Standard Version	max. cm ³ /s 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 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	Standard max. cm ³ /s Version 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

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 | 90 100 | 142 146 | 204

172 268 388

28 | 39 35 | 49 42 | 59

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 | 94 96 | 136 132 | 186

216 312 424

35 | 49 42 | 59 49 | 69

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

102 140 182

316 430 562

46 54 62

320 380 430

60 | 240

6,4 | 5

100

15

22

170

15

27

290

15

24 | 23 | 23

470 S

800 - 170 | 290

1000 - 170 | 290 | 400

1100 - 170 | 290 | 400

470 S

800

255 | 500

250 | ---

750 | ---

470 x 470

637 x 637

760

40 | 175

2,3 | 1,8 | 1,5 - 329

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

94 | 120 136 | 172 186 | 236

216 312 424

49 | 50 59 | 60 69 | 70

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

102 | 130 140 | 178 182 | 232

316 430 562

46 | 51 54 | 60 62 | 69

320 380 430

60 | 240

6,4 | 5

400

35 40 45

23 20 18

160

154 201 254

141 184 232

25 29 35

12,5 15 17,5

2500 2000 1580

2500 2000 1580

128 168 212

492 642 814

47 53 60

480 550 610

60 | 300

9,4 | 5

170**290****400**

18,5 | 22 | 15

30 | 34 | 26

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	Standard max. cm ³ /s Version 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
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	178	232	128 160	168 210	212 266	174	214	260
316	430	562	492	642	814	530	656	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
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	168	212	138 174	170 214	208 260	238	284	388
492	642	814	530	656	792	714	848	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 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	Standard	max. cm ³ /s
	Version	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
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630 S	
2500	
725 600	
550 300	
1150 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	
600 300	
1300 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 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 P5
Material throughput	max. kg/h P5 max. kg/h PA6.6
Injection pressure	max. bar
Holding pressure	max. bar
Injection flow ²	Standard max. cm ³ /s Version 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
650 350
1350 1050-1550
820 x 820
1171 x 1171
5000
100 250
5,0 3,7 2,3 - 574

2100

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	394	514	290	380	482	310	392	484
1132	1540	2012	1188	1552	1964	1264	1600	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

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
700 400
1600 1300-1950
920 x 920
1280 x 1280
8000
100 250
6,0 4,5 3,2 - 644

2100

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	394	514	290	380	482	310	392	484
---			1188	1552	1964	1264	1600	1976
---			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

55 --- ---	55 55 37	--- 75 45
89 --- ---	96 116 78	--- 129 99

GOLDEN EDITION



	kN						
		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	Standard Version
	max. cm ³ /s 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

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	Standard Version	max. cm ³ /s 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
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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	Standard max. cm ³ /s Version 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	



	kN					
		30	70	100	170	290
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	Standard Version	max. cm ³ /s 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	15	

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	Standard Version
	max. cm ³ /s 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 - 240

100

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	100	146	66	96	132	72	100	130
---			---			---		
28	35	42	35	42	49	33	39	44
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

11	11	11
18	22	20



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

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	Standard Version	max. cm ³ /s 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
	25 175
	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
1200 T	1000
	115 300
	300 ---
	600 ---
	1200

	400
	25 175
	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 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	Standard	max. cm ³ /s
	Version	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
25 175	25 175
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	



1500 T	1600 - 170 290 400
--------	------------------------

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

500
25 175
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 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	Standard	max. cm ³ /s
	Version	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	
25 175	
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	
25 175	
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 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 P5	
Material throughput	max. kg/h P5 max. kg/h PA6.6	
Injection pressure	max. bar	
Holding pressure	max. bar	
Injection flow ²	Standard Version	max. cm ³ /s 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	
	25 175	
	4,3 - 300	

1300			2100			
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	2100	
45	55	
71	89	



1800 T	2000 - 400 800
--------	------------------

1800 T		
	2000	
	115 300	
	400 ---	
	700 ---	
	1800	

	800	
	25 175	
	4,9 - 290	

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	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	Standard max. cm ³ /s Version 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

1800 T	2500 - 800 1300
1800 T	2500
	115 300
	400 ---
	700 ---
	1800

	800
	25 175
	4,9 - 290

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	

1800 T	3200 - 1300 2100
1800 T	3200
	115 300
	400 ---
	700 ---
	1800

	800
	25 175
	4,9 - 290

1300			2100			
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	2100	
45	55	
71	89	

INTEGRALPICKER



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

INTEGRALPICKER

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, pneumatic servo-electric	B⁴⁾
Nm	Torque, pneumatic servo-electric	B⁴⁾
kg	Weight, pneumatic servo-electric	B⁴⁾
degrees	Swivel range, pneumatic	C
Nm	Torque, pneumatic	C
kg	Weight	C
mm	Stroke, pneumatic	G³⁾
kg	Weight	G³⁾

INTEGRALPICKER V	1
------------------	---

1 270 - 570

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

--- 100

MULTILIFT



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

Robotic system

with size designation

max. kg	Handling weight ¹⁾ 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, pneumatic servo-electric B⁴⁾
Nm	Torque, pneumatic servo-electric B⁴⁾
kg	Weight, pneumatic servo-electric B⁴⁾
degrees	Swivel range, pneumatic C
Nm	Torque, pneumatic C
kg	Weight C
mm	Stroke, pneumatic G³⁾
kg	Weight G³⁾

MULTILIFT H 5

5
270 - 920

600 - 1800
2000 [2800]
100 / 200 200 / 400
--- 2000

0,1

90 ---

0 - 90
10

50 / 80
1,0 / 1,3

MULTILIFT SELECT 6 | 6+1 | 15 | 25

6	6+1	15	25
270 - 570	270 - 570	570 - 920	630 - 920

1000 / 1400 / 1800	1500 / 2000	1600 / 2000 / 2400 / 2800	2000 / 2500 / 3000
1800	2000	2400	3500
--- 400 / 600	--- 500	--- 700 / 900	900
--- 2000	--- 2000	--- 1800	--- 3000
600 / 800 / 1000	1000	1000 / 1200 / 1400	1400 / 1800
2700	2700	3000	3900 (3000)
0,1	0,1	0,1	0,1

0 - 180 ---	---	0 - 180 ---	0 - 180 ---
10 ---	---	14 ---	12 ---
2,5 ---	---	3,5 ---	0,4 ---
0 - 90	0 - 90	0 - 90	0 - 90
13	13	24	120
1,5	2	4	10,3
---	---	---	---
---	---	---	---

Robotic system

with size designation

max. kg	Handling weight ¹⁾ 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, pneumatic servo-electric	B⁴⁾
Nm	Torque, pneumatic servo-electric	B⁴⁾
kg	Weight, pneumatic servo-electric	B⁴⁾
degrees	Swivel range, pneumatic	C
Nm	Torque, pneumatic	C
kg	Weight	C
mm	Stroke, pneumatic	G³⁾
kg	Weight	G³⁾

MULTILIFT V	6 15 25
-------------	-------------

6 270 - 570	15 370 - 920	25 630 - 920
-----------------------	------------------------	------------------------

1000 - 3200	1200 - 3200	2800 - 4000
3000	3000	3000
--- 400 - 600	--- 500 - 900	--- 1600
--- 2000	--- 2000	--- 1700
600 - 1000	600 - 1400	1400 - 2400
3000	2700 [3000]	2700 [2400]
0,1	0,1	0,1

0 - 180 ---	0 - 180 0 - 270	0 - 180 0 - 270
10 ---	14 40	17 60
2,5 ---	3,5 3,5	6,5 5,5
0 - 90	0 - 90	0 - 90
13	24	22
1,5	2,6	6
---	---	---
---	---	---

Drive systems



Electric: A series, E series



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)

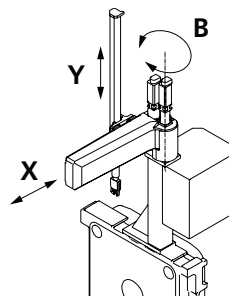
2) Specifications depend on the drive variant / drive configuration.

3) Specifications relate to 400 V/50 Hz.

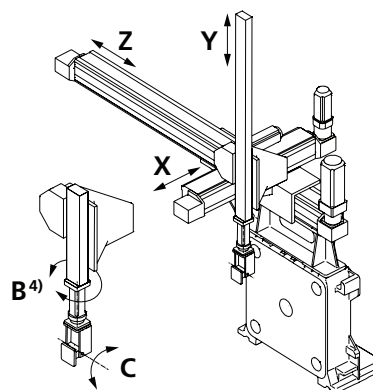
4) Table diameter with ALLROUNDER T

[] Specifications apply to alternative equipment.

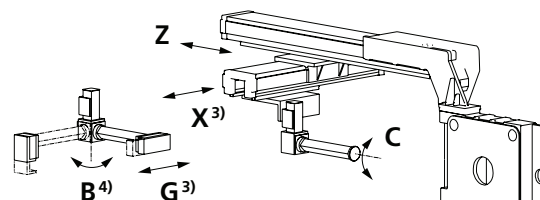
INTEGRALPICKER V



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

[] Specifications apply to alternative equipment

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All data and technical information have been compiled with great care. However we accept no responsibility for correctness. Individual illustrations and information may deviate from the actual delivery condition of the machine. The relevant valid operating instructions are applicable for the installation and operation of the machine.

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