

TECHNICAL DATA

TYPE

UT.340.T T

Size description in compliance with EUROMAP 1

3400H-2800

INJECTION UNIT

Screw diameter	mm	65 \ 75 \ 85
Max. swept volume ⁽²⁾	c.c.	1211 \ 1612
Max. shot weight ⁽²⁾	g	1090 \ 1450
Max. injection pressure - direct	MPa	231 \ 174 \ 110
Max. injection pressure - regenerative	MPa	171 \ 129 \ 100
Max. injection rate - direct ⁽³⁾	g/sec	272 \ 362 \ 400
Max. injection rate - regenerative ⁽³⁾	g/sec	367 \ 489 \ 600
Theoretical injection rate, direct + accumulator ⁽¹⁾⁽³⁾	g/sec	540 \ 720 \ 900
Screw L : D ratio		23 \ 20 \ 20
Max. screw stroke ⁽²⁾	mm	365
Screw speed range	rpm	10...230
Max. screw torque	Nm	2728
Max. nozzle sealing force	kN	108,5
Max. nozzle retract stroke	mm	750
Heating capacity	kW	30 \ 30 \ 34
Number of heating zones	qty	4+dysza
Hopper capacity	litre	132

CLOSING UNIT

Max. locking force	kN	3400
Max. unlocking force	kN	340
Max. opening stroke	mm	675
Mould height range (min...max.)	mm	250...700
Max. daylight	mm	1375
Space between tie bars (H x V)	mm	692 x 692
Platen size (H x V)	mm	1000 x 1000
Diameter of tie bars	mm	110
Max. ejector stroke	mm	200
Max. ejector forward/retract force	kN	86/59

DRIVE, DIMENSIONS, WEIGHT

Hydraulic system pressure	MPa	17,5
Oil filling - hydraulic	litre	750
Pump drive motor	kW	45
Total installed electrical capacity	kW	75,5\75,5\79
Dry cycle time	sec	2,5
Machine net weight	kg	20 100 (7700)
Machine dimensions (L x W xH)	m	8,42 x 2,04 x 2,04

⁽¹⁾ - optional

⁽²⁾ - 10mm decompression stroke

⁽³⁾ - for polystyrene

TECHNICAL DATA

UT.340.T TERMOPLASTIC UT.440.T TERMOPLASTIC UT.560.T

3400H-2800

4400H-3310

5600H-4760

INJECTION UNIT

65 \ 75 \ 85	70 \ 80 \ 90	80 \ 90 \ 100
1211 \ 1612 \ 2071	1500 \ 1960 \ 2481	2211 \ 2799 \ 3455
1090 \ 1450 \ 1860	1350 \ 1764 \ 2232	1990 \ 2519 \ 3110
231 \ 174 \ 135	220 \ 169 \ 134	215 \ 170 \ 139
171 \ 129 \ 100	163 \ 125 \ 98,4	149 \ 118 \ 95,4
272 \ 362 \ 466	285 \ 373 \ 472	377 \ 478 \ 590
367 \ 489 \ 629	387 \ 505 \ 640	545 \ 690 \ 852
540 \ 720 \ 930	570 \ 740 \ 940	750 \ 950 \ 1180
23 \ 20 \ 20	22,8 \ 20 \ 20	22,5 \ 20 \ 20
365	390	440
10...230	10...180	10...150
2728	3240	4460
108,5	108,5	108,5
750	750	800
30 \ 30 \ 34	40 \ 40 \ 45	45 \ 45 \ 50
4+dysza	5+dysza	5+dysza
132	132	190

CLOSING UNIT

3400	4400	5600
340	440	560
675	800	900
250...700	250...800	250...900
1375	1600	1800
692 x 692	775 x 775	861 x 861
1000 x 1000	1130 x 1130	1260 x 1260
110	130	150
200	200	250
86/59	134/70	134/70

DRIVE, DIMENSIONS, WEIGHT

17,5	17,5	17,5
750	750	800
45	45	55
75,5\75,5\79,5	85,5\85,5\90,5	100,5\100,5\105,5
2,5	2,5	2,5
20 100 (7700+12400)	26 000 (8000+18000)	35 000 (11 000 +24 000)
8,42 x 2,04 x 2,27	9,2 x 2,2 x 2,5	10,2 x 2,5 x 2,7