

TECHNICAL DATA

TYPE	VT.135.T	VT.175.T
Size description in compliance with EUROMAP 1	135OH-605	175OH-810
INJECTION UNIT		
Screw diameter	mm 40\45\50	45\50\60
Max. swept volume ⁽²⁾	c.c. 232\294\363	326\402\579
Max. shot weight ⁽²⁾	g 209\264\326	293\362\521
Max. injection pressure - direct	MPa 260\205\165	248\201\140
Max. injection pressure - regenerative	MPa 164\129\105	166\134\93
Max. injection rate - direct ⁽³⁾	g/sec 96\121\149	107\132\190
Max. injection rate - regenerative ⁽³⁾	g/sec 151\192\236	160\199\286
Theoretical injection rate, direct + accumulator ⁽¹⁾⁽³⁾	g/sec 190\240\298	214\265\380
Screw L : D ratio	22\20\18	22\20\17
Max. screw stroke ⁽²⁾	mm 185	205
Screw speed range	rpm 10...230	10...200
Max. screw torque	Nm 1113	1390
Max. nozzle sealing force	kN 57	91,4
Max. nozzle retract stroke	mm 400	400
Heating capacity	kW 10,5	12,6
Number of heating zones	qty 3+dysza	4+dysza
Hopper capacity	litre 40	60

CLOSING UNIT		
Max. locking force	kN 1350	1750
Max. unlocking force	kN 145	175
Max. opening stroke	mm 365	430
Mould height range (min...max.)	mm 125-550	150...650
Max. daylight	mm 915	1080
Space between tie bars (H x V)	mm 440x440	480x480
Platen size (H x V)	mm 645x645	710x710
Diameter of tie bars	mm 75	85
Max. ejector stroke	mm 125	125
Max. ejector forward/retract force	kN 49,4	48/26

DRIVE, DIMENSIONS, WEIGHT		
Hydraulic system pressure	MPa 18	17,5
Oil filling - hydraulic	litre 440	300
Pump drive motor	kW 18,5	22
Total installed electrical capacity	kW 29	35
Dry cycle time	sec 1,5	1,65
Machine net weight	kg 3400+2380=5780	4700+2750=
Machine dimensions (L x W x H)	m 5.150 x 1.57 x 1.9	5,53 x 1,67 x

⁽¹⁾ - optional

⁽²⁾ - 5mm decompression stroke

⁽³⁾ - for polystyrene

TECHNICAL DATA

	VT.175.T TERMOPLASTIC	UT.230.T TERMOPLASTIC	UT.280.T
	1750H-810	2300H-1115	2800H-1850

INJECTION UNIT			
	45\50\60	50\55\65	55\65\75
363	326\402\579	481\582\812	760\1062\1414
326	293\362\521	432\523\731	684\955\1272
65	248\201\140	232\192\137	239\171\129
05	166\134\93	159\132\94	170\122\92
9	107\132\190	160\194\271	208\290\387
336	160\199\286	233\283\395	293\409\545
98	214\265\380	320\380\540	400\580\770
	22\20\17	22\20\17	23,6\20\20
	205	245	320
	10...200	10...230	10...235
	1390	1660	2160
	91,4	91,4	108,5
	400	425	750
	12,6	15,75	21,8\21,8\25,3
	4+dysza	4+dysza	4+dysza
	60	60	128

CLOSING UNIT			
	1750	2300	2800
	175	230	280
	430	500	570
	150...650	175...550	200...600
	1080	1050	1170
	480x480	550x550	620x620
	710x710	815x815	905x905
	85	95	105
	125	125	150
	48/26	48/26	86/59

DRIVE, DIMENSIONS, WEIGHT			
	17,5	17,5	17,5
	300	400	550
	22	30	37
	35	46	59\59\62,5
	1,65	2	2,5
0=5780	4700+2750=7450	11000	16200
57 x 1.9	5,53 x 1,67 x 1,95	6,22 x 1,8 x 2,2	7,41 x 1,96 x 2,3

styrene