



HÜRMAK

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Quality. Reliability. Efficiency.



Discover
the potential



ECOENERGY

SAVES THE FUTURE

**TECHNICAL
SPECIFICATIONS**



ECO 100
TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-250	HM-480
SCREW DIAMETER	mm	25 / 30 / 35	30 / 35 / 40
L/D RATIO	L/D	23 / 20 / 17	24 / 21 / 18
INJECTION PRESSURE	Bar	3110 / 2160 / 1587	3227 / 2371 / 1815
SHOT WEIGHT	Ps-gr	67 / 96 / 131	135 / 184 / 240
SCREW STROKE	mm	150	210
SCREW SPEED	Rpm	270	270
SHOT VOLUME	Cm3	74 / 106 / 144	148 / 202 / 264

CLAMPING UNIT

CLAMPING FORCE	Kn	1000
TIE-BAR DISTANCE	mm	320x320
FIXED PLATEN SIZE	mm	500 x 500
MOLD PLATEN SIZE	mm	500 x 500
DAYLIGHT	mm	670
OPENING STROKE	mm	320
EJECTOR FORWARD FORCE	Kn	26
EJECTOR RETREAT FORCE	Kn	18
EJECTOR STROKE	mm	80
EJECTOR PINS	pcs	1
MOLD THICKNESS RANGE	Min-max	100-350

GENERAL

MAIN MOTOR POWER	Kw	7.5
TOTAL POWER	Kw	12
HEATING ZONES + NOZZLE	pcs	3 + 1
TOTAL HEATING POWER	Kw	4.5
OIL TANK CAPACITY	Lt	100
WEIGHT	Ton	2.8
LENGTH	mm	3200
WIDTH	mm	1000
HEIGHT	mm	1600

ECO 130
TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-250	HM-480	HM-500
SCREW DIAMETER	mm	25 / 30 / 35	30 / 35 / 40	40 / 45 / 50
L/D RATIO	L/D	23 / 20 / 17	24 / 21 / 18	22 / 20 / 18
INJECTION PRESSURE	Bar	3110 / 2160 / 1587	3227 / 2371 / 1815	1815 / 1434 / 1162
SHOT WEIGHT	Ps-gr	67 / 96 / 131	135 / 184 / 240	251 / 319 / 393
SCREW STROKE	mm	150	210	220
SCREW SPEED	Rpm	270	270	250
SHOT VOLUME	Cm3	74 / 106 / 144	148 / 202 / 264	264 / 350 / 432

CLAMPING UNIT

CLAMPING FORCE	KN	1300
TIE-BAR DISTANCE	mm	370 x 370
FIXED PLATEN SIZE	mm	567 x 562
MOULD PLATEN SIZE	mm	565 x 565
DAYLIGHT	Mm	770
MOULD OPENING STROKE	mm	370
EJECTOR FORWARD FORCE	KN	53
EJECTOR RETREAT FORCE	KN	38
EJECTOR STROKE	mm	90
NUMBER OF EJECTOR PINS	pcs	1
MOLD THICKNESS RANGE	Min-max	150 – 400

GENERAL

MAIN MOTOR POWER	Kw	11
TOTAL POWER	Kw	17
HEATING ZONES + NOZZLE	pcs	3 + 1
TOTAL HEATING POWER	Kw	6
OIL TANK CAPACITY	Lt	180
WEIGHT	Ton	3.2
LENGTH	mm	4200
WIDTH	mm	1310
HEIGHT	mm	1610

ECO 150

TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-480	HM-500	HM-800
SCREW DIAMETER	mm	30 / 35 / 40	40 / 45 / 50	45 / 50 / 55
L/D RATIO	L/D	24 / 21 / 18	22 / 20 / 18	22 / 20 / 18
INJECTION PRESSURE	Bar	3227 / 2371 / 1815	1815 / 1434 / 1162	2101 / 1702 / 1406
SHOT WEIGHT	Ps-gr	135 / 184 / 240	251 / 319 / 393	348 / 429 / 519
SCREW STROKE	mm	210	220	240
SCREW SPEED	Rpm	270	250	250
SHOT VOLUME	Cm3	148 / 202 / 264	264 / 350 / 432	382 / 471 / 570

CLAMPING UNIT

CLAMPING FORCE	KN	1500
TIE-BAR DISTANCE	mm	405 x 365
FIXED PLATEN SIZE	mm	610 x 600
MOULD PLATEN SIZE	mm	610 x 595
DAYLIGHT	Mm	800
MOULD OPENING STROKE	mm	380
EJECTOR FORWARD FORCE	KN	51
EJECTOR RETREAT FORCE	KN	35
EJECTOR STROKE	mm	120
NUMBER OF EJECTOR PINS	pcs	1
MOLD THICKNESS RANGE	Min-max	150 – 420

GENERAL

MAIN MOTOR POWER	Kw	15
TOTAL POWER	Kw	22
HEATING ZONES + NOZZLE	pcs	3 + 1
TOTAL HEATING POWER	Kw	7
OIL TANK CAPACITY	Lt	220
WEIGHT	Ton	4
LENGTH	mm	4700
WIDTH	mm	1410
HEIGHT	mm	1800

ECO 180
TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-480	HM-500	HM-800
SCREW DIAMETER	mm	30 / 35 / 40	40 / 45 / 50	45 / 50 / 55
L/D RATIO	L/D	24 / 21 / 18	22 / 20 / 18	22 / 20 / 18
INJECTION PRESSURE	Bar	3227 / 2371 / 1815	1815 / 1434 / 1162	2101 / 1702 / 1406
SHOT WEIGHT	Ps-gr	135 / 184 / 240	251 / 319 / 393	348 / 429 / 519
SCREW STROKE	mm	210	220	240
SCREW SPEED	Rpm	270	250	250
SHOT VOLUME	Cm3	148 / 202 / 264	264 / 350 / 432	382 / 471 / 570

CLAMPING UNIT

CLAMPING FORCE	KN	1800
TIE-BAR DISTANCE	mm	450 x 420
FIXED PLATEN SIZE	mm	690 x 660
MOULD PLATEN SIZE	mm	660 x 627
DAYLIGHT	Mm	930
MOULD OPENING STROKE	mm	430
EJECTOR FORWARD FORCE	KN	61
EJECTOR RETREAT FORCE	KN	41
EJECTOR STROKE	mm	120
NUMBER OF EJECTOR PINS	pcs	4 + 1
MOLD THICKNESS RANGE	Min-max	150 – 500

GENERAL

MAIN MOTOR POWER	Kw	15
TOTAL POWER	Kw	22
HEATING ZONES + NOZZLE	pcs	3 + 1
TOTAL HEATING POWER	Kw	7
OIL TANK CAPACITY	Lt	220
WEIGHT	Ton	4.5
LENGTH	mm	5000
WIDTH	mm	1450
HEIGHT	mm	1760

ECO 200
TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-500	HM-800	HM-1100
SCREW DIAMETER	mm	40 / 45 / 50	45 / 50 / 55	50 / 55 / 60
L/D RATIO	L/D	22 / 20 / 18	22 / 20 / 18	22 / 20 / 18
INJECTION PRESSURE	Bar	1815 / 1434 / 1162	2101 / 1702 / 1406	2048 / 1693 / 1422
SHOT WEIGHT	Ps-gr	251 / 319 / 393	348 / 429 / 519	482 / 583 / 694
SCREW STROKE	mm	220	240	270
SCREW SPEED	Rpm	250	250	200
SHOT VOLUME	Cm3	264 / 350 / 432	382 / 471 / 570	530 / 641 / 763

CLAMPING UNIT

CLAMPING FORCE	KN	2000
TIE-BAR DISTANCE	mm	470 x 470
FIXED PLATEN SIZE	mm	710 x 710
MOULD PLATEN SIZE	mm	695 x 695
DAYLIGHT	Mm	970
MOULD OPENING STROKE	mm	470
EJECTOR FORWARD FORCE	KN	61
EJECTOR RETREAT FORCE	KN	41
EJECTOR STROKE	mm	120
NUMBER OF EJECTOR PINS	pcs	4 + 1
MOLD THICKNESS RANGE	Min-max	200 - 500

GENERAL

MAIN MOTOR POWER	Kw	22
TOTAL POWER	Kw	30
HEATING ZONES + NOZZLE	pcs	3 + 1
TOTAL HEATING POWER	Kw	8
OIL TANK CAPACITY	Lt	270
WEIGHT	Ton	5.2
LENGTH	mm	5050
WIDTH	mm	1555
HEIGHT	mm	1840

ECO 250
TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-800	HM-1100	HM-1300
SCREW DIAMETER	mm	45 / 50 / 55	50 / 55 / 60	55 / 60 / 65
L/D RATIO	L/D	22 / 20 / 18	22 / 20 / 18	21 / 20 / 18
INJECTION PRESSURE	Bar	2101 / 1702 / 1406	2048 / 1693 / 1422	1861 / 1564 / 1333
SHOT WEIGHT	Ps-gr	348 / 429 / 519	482 / 583 / 694	627 / 746 / 876
SCREW STROKE	mm	240	270	290
SCREW SPEED	Rpm	250	200	200
SHOT VOLUME	Cm3	382 / 471 / 570	530 / 641 / 763	689 / 820 / 962

CLAMPING UNIT

CLAMPING FORCE	KN	2500
TIE-BAR DISTANCE	mm	520 x 520
FIXED PLATEN SIZE	mm	800 x 800
MOULD PLATEN SIZE	mm	800 x 800
DAYLIGHT	Mm	1070
MOULD OPENING STROKE	mm	520
EJECTOR FORWARD FORCE	KN	80
EJECTOR RETREAT FORCE	KN	60
EJECTOR STROKE	mm	140
NUMBER OF EJECTOR PINS	pcs	8 + 1
MOLD THICKNESS RANGE	Min-max	200 – 550

GENERAL

MAIN MOTOR POWER	Kw	30
TOTAL POWER	Kw	42
HEATING ZONES + NOZZLE	pcs	3 + 1
TOTAL HEATING POWER	Kw	12
OIL TANK CAPACITY	Lt	330
WEIGHT	Ton	6.8
LENGTH	mm	5666
WIDTH	mm	1680
HEIGHT	mm	1955

TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-1100	HM-1300	HM-2000
SCREW DIAMETER	mm	50 / 55 / 60	55 / 60 / 65	70 / 75 / 80
L/D RATIO	L/D	22 / 20 / 18	21 / 20 / 18	20 / 19 / 18
INJECTION PRESSURE	Bar	2048 / 1693 / 1422	1861 / 1564 / 1333	1587 / 1383 / 1215
SHOT WEIGHT	Ps-gr	482 / 583 / 694	627 / 746 / 876	1156 / 1327 / 1510
SCREW STROKE	mm	270	290	330
SCREW SPEED	Rpm	200	200	180
SHOT VOLUME	Cm3	530 / 641 / 763	689 / 820 / 962	1270 / 1458 / 1659

CLAMPING UNIT

CLAMPING FORCE	KN	3000
TIE-BAR DISTANCE	mm	570 x 570
FIXED PLATEN SIZE	mm	840 x 840
MOULD PLATEN SIZE	mm	840 x 840
DAYLIGHT	Mm	1170
MOULD OPENING STROKE	mm	570
EJECTOR FORWARD FORCE	KN	101
EJECTOR RETREAT FORCE	KN	70
EJECTOR STROKE	mm	145
NUMBER OF EJECTOR PINS	pcs	12 + 1
MOLD THICKNESS RANGE	Min-max	200 – 600

GENERAL

MAIN MOTOR POWER	Kw	30
TOTAL POWER	Kw	45
HEATING ZONES + NOZZLE	pcs	4 + 1
TOTAL HEATING POWER	Kw	15
OIL TANK CAPACITY	Lt	470
WEIGHT	Ton	8
LENGTH	mm	6226
WIDTH	mm	1760
HEIGHT	mm	1965

ECO 400
TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-1300	HM-2000	HM-3200
SCREW DIAMETER	mm	55 / 60 / 65	70 / 75 / 80	80 / 85 / 90
L/D RATIO	L/D	21 / 20 / 18	20 / 19 / 18	19 / 18 / 17
INJECTION PRESSURE	Bar	1861 / 1564 / 1333	1587 / 1383 / 1215	1595 / 1413 / 1260
SHOT WEIGHT	Ps-gr	627 / 746 / 876	1156 / 1327 / 1510	1830 / 2063 / 2316
SCREW STROKE	mm	290	330	400
SCREW SPEED	Rpm	200	180	130
SHOT VOLUME	Cm3	689 / 820 / 962	1270 / 1458 / 1659	2011 / 2267 / 2545

CLAMPING UNIT

CLAMPING FORCE	KN	4000
TIE-BAR DISTANCE	mm	690 x 660
FIXED PLATEN SIZE	mm	1095 x 1015
MOULD PLATEN SIZE	mm	1010 x 1000
DAYLIGHT	Mm	1420
MOULD OPENING STROKE	mm	670
EJECTOR FORWARD FORCE	KN	101
EJECTOR RETREAT FORCE	KN	70
EJECTOR STROKE	mm	165
NUMBER OF EJECTOR PINS	pcs	12 + 1
MOLD THICKNESS RANGE	Min-max	300 - 750

GENERAL

MAIN MOTOR POWER	Kw	37
TOTAL POWER	Kw	65
HEATING ZONES + NOZZLE	pcs	5 + 1
TOTAL HEATING POWER	Kw	20
OIL TANK CAPACITY	Lt	550
WEIGHT	Ton	15
LENGTH	mm	6250
WIDTH	mm	1460
HEIGHT	mm	2160

TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-2000	HM-3200	HM-4000
SCREW DIAMETER	mm	70 / 75 / 80	80 / 85 / 90	85 / 90 / 95
L/D RATIO	L/D	20 / 19 / 18	19 / 18 / 17	23 / 21 / 20
INJECTION PRESSURE	Bar	1587 / 1383 / 1215	1595 / 1413 / 1260	1595 / 1413 / 1260
SHOT WEIGHT	Ps-gr	1156 / 1327 / 1510	1830 / 2063 / 2316	2324 / 2605 / 2903
SCREW STROKE	mm	330	400	450
SCREW SPEED	Rpm	180	130	120
SHOT VOLUME	Cm3	1270 / 1458 / 1659	2011 / 2267 / 2545	2553 / 2863 / 3190

CLAMPING UNIT

CLAMPING FORCE	KN	5000
TIE-BAR DISTANCE	mm	810 x 710
FIXED PLATEN SIZE	mm	1205 x 1110
MOULD PLATEN SIZE	mm	1205 x 1110
DAYLIGHT	Mm	1600
MOULD OPENING STROKE	mm	750
EJECTOR FORWARD FORCE	KN	101
EJECTOR RETREAT FORCE	KN	70
EJECTOR STROKE	mm	180
NUMBER OF EJECTOR PINS	pcs	12 + 1
MOLD THICKNESS RANGE	Min-max	350 – 850

GENERAL

MAIN MOTOR POWER	Kw	45
TOTAL POWER	Kw	72
HEATING ZONES + NOZZLE	pcs	5 + 1
TOTAL HEATING POWER	Kw	27
OIL TANK CAPACITY	Lt	720
WEIGHT	Ton	25
LENGTH	mm	7150
WIDTH	mm	1650
HEIGHT	mm	2220

ECO 650
TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-3200	HM-4000	HM-7600
SCREW DIAMETER	mm	80 / 85 / 90	85 / 90 / 95	95 / 105 / 115
L/D RATIO	L/D	19 / 18 / 17	23 / 21 / 20	22 / 21 / 20
INJECTION PRESSURE	Bar	1595 / 1413 / 1260	1595 / 1413 / 1260	2050 / 1700 / 1450
SHOT WEIGHT	Ps-gr	1830 / 2063 / 2316	2324 / 2605 / 2903	3280 / 4020 / 4750
SCREW STROKE	mm	400	450	525
SCREW SPEED	Rpm	130	120	100
SHOT VOLUME	Cm3	2011 / 2267 / 2545	2553 / 2863 / 3190	3600 / 4450 / 5200

CLAMPING UNIT

CLAMPING FORCE	KN	6500
TIE-BAR DISTANCE	mm	900 x 860
FIXED PLATEN SIZE	mm	1350 x 1310
MOULD PLATEN SIZE	mm	1350x 1310
DAYLIGHT	Mm	1900
MOULD OPENING STROKE	mm	900
EJECTOR FORWARD FORCE	KN	140
EJECTOR RETREAT FORCE	KN	80
EJECTOR STROKE	mm	320
NUMBER OF EJECTOR PINS	pcs	12 + 1
MOLD THICKNESS RANGE	Min-max	350-1000

GENERAL

MAIN MOTOR POWER	Kw	55
TOTAL POWER	Kw	90
HEATING ZONES + NOZZLE	pcs	5 + 1
TOTAL HEATING POWER	Kw	27
OIL TANK CAPACITY	Lt	800
WEIGHT	Ton	27
LENGTH	mm	9900
WIDTH	mm	2200
HEIGHT	mm	2550

ECO 750
TECHNICAL SPECIFICATIONS

INJECTION UNIT		HM-4000	HM-4300	HM-7600
SCREW DIAMETER	mm	85 / 90 / 95	90 / 95 / 100	95 / 105 / 115
L/D RATIO	L/D	23 / 21 / 20	20 / 19 / 18	22 / 21 / 20
INJECTION PRESSURE	Bar	1595 / 1413 / 1260	1434 / 1287 / 1161	2050 / 1700 / 1450
SHOT WEIGHT	Ps-gr	2324 / 2605 / 2903	2721 / 3031 / 3359	3280 / 4020 / 4750
SCREW STROKE	mm	450	470	525
SCREW SPEED	Rpm	120	120	100
SHOT VOLUME	Cm3	2553 / 2863 / 3190	2990 / 3331 / 3691	3600 / 4450 / 5200

CLAMPING UNIT

CLAMPING FORCE	KN	7500
TIE-BAR DISTANCE	mm	940 x 820
FIXED PLATEN SIZE	mm	1392 x 1270
MOULD PLATEN SIZE	mm	1392 x 1270
DAYLIGHT	Mm	1880
MOULD OPENING STROKE	mm	930
EJECTOR FORWARD FORCE	KN	126
EJECTOR RETREAT FORCE	KN	94
EJECTOR STROKE	mm	250
NUMBER OF EJECTOR PINS	pcs	12 + 1
MOLD THICKNESS RANGE	Min-max	350 – 950

GENERAL

MAIN MOTOR POWER	Kw	55
TOTAL POWER	Kw	85
HEATING ZONES + NOZZLE	pcs	5 + 1
TOTAL HEATING POWER	Kw	30
OIL TANK CAPACITY	Lt	900
WEIGHT	Ton	35
LENGTH	mm	8500
WIDTH	mm	2050
HEIGHT	mm	2500