



hetech shape

ELECTRIC DRIVEN SHAPE MOLDING MACHINES

	EMMotion 1.6 625 / 425	EMMotion 1.6 670 / 408	EMMotion 1.6 670 / 570	EMMotion 1.6 870 / 670
Operating pressure	1,6 bar	1,6 bar	1,6 bar	1,6 bar
Molding area	0,265625 m ²	0,27336 m ²	0,3819 m ²	0,5829 m ²
Knee lever	2	2	2	2
Flange female side	700 x 500 mm	745 x 483 mm	745 x 645 mm	945 x 745 mm
Flange male side	680 x 480 mm	725 x 463 mm	725 x 625 mm	925 x 725 mm
Outside female back plate	775 x 575 mm	820 x 558 mm	820 x 720 mm	1020 x 820 mm
Volume pressure filler	60 l	60 l	60 l	60 l
Molding area	625 x 425 mm	670 x 408 mm	670 x 570 mm	870 x 670 mm
Stroke variants	800 mm / 1000 mm / 1250 mm / 1500 mm			

	EMMotion 1.6 930 / 670	EMMotion 1.6 1070 / 670	EMMotion 1.6 1130 / 670	EMMotion 1.6 1070 / 870
Operating pressure	1,6 bar	1,6 bar	1,6 bar	1,6 bar
Molding area	0,6231 m ²	0,7169 m ²	0,7571 m ²	0,9309 m ²
Knee lever	2	2	2	2
Flange female side	1005 x 745 mm	1145 x 745 mm	1205 x 745 mm	1145 x 945
Flange male side	985 x 725 mm	1125 x 725 mm	1185 x 725 mm	1125 x 925
Outside female back plate	1070 x 820 mm	1220 x 820 mm	1280 x 820 mm	1220 x 1020
Volume pressure filler	60 l	60 l	100 l	100 l
Molding area	930 x 670 mm	1070 x 670	1130 x 670	1070 x 870
Stroke variants	800 mm / 1000 mm / 1250 mm / 1500 mm			

ELECTRIC DRIVEN SHAPE MOLDING MACHINES				
	EMMotion 1.6 1220 / 720	EMMotion 1.6 1270 / 870	EMMotion 1.6 1395 / 670	EMMotion 1.6 1395 / 870
Operating pressure	1,6 bar	1,6 bar	1,6 bar	1,6 bar
Molding area	0,8784 m ²	1,1049 m ²	0,93465 m ²	1,21365 m ²
Knee lever	2	2	2	2
Flange female side	1295 x 795 mm	1345 x 945 mm	1470 x 745 mm	1470 x 945 mm
Flange male side	1275 x 775 mm	1325 x 925 mm	1450 x 725 mm	1450 x 925 mm
Outside female back plate	1370 x 870 mm	1420 x 1020 mm	1545 x 820 mm	1545 x 1020 mm
Volume pressure filler	100 l	100 l	100 l	100 l
Molding area	1220 x 720 mm	1270 x 870 mm	1395 x 670 mm	1395 x 870 mm
Stroke variants	800 mm / 1000 mm / 1250 mm / 1500 mm			

	EMMotion 1.6 1120 / 1070	EMMotion 1.6 1395 / 1070	EMMotion 1.6 1270 / 1100	EMMotion 1.6 1345 / 1145
Operating pressure	1,6 bar	1,6 bar	1,6 bar	1,6 bar
Molding area	1,1984 m ²	1,49265 m ²	1,397 m ²	1,540025 m ²
Knee lever	4	4	4	4
Flange female side	1195 x 1145 mm	1470 x 1145 mm	1345 x 1175 mm	1420 x 1220 mm
Flange male side	1175 x 1125 mm	1450 x 1125 mm	1325 x 1155 mm	1400 x 1200 mm
Outside female back plate	1270 x 820 mm	1545 x 1220 mm	1420 x 1250 mm	1495 x 1295 mm
Volume pressure filler	100 l	150 l	150 l	150 l
Molding area	1120 x 1070 mm	1395 x 1070 mm	1270 x 1100 mm	1345 x 1145 mm
Stroke variants	800 mm / 1000 mm / 1250 mm / 1500 mm			

	EMMotion 1.6 1395 / 1305	EMMotion 1.6 1395 / 1395	EMMotion 1.6 1485 / 1285	EMMotion 1.6 1510 / 1200
Operating pressure	1,6 bar	1,6 bar	1,6 bar	1,6 bar
Molding area	1,820475 m ²	1,946025 m ²	1,908225 m ²	1,812 m ²
Knee lever	4	4	4	4
Flange female side	1470 x 1380 mm	1470 x 1470 mm	1560 x 1360 mm	1585 x 1275 mm
Flange male side	1450 x 1360 mm	1450 x 1450 mm	1540 x 1340 mm	1565 x 1255 mm
Outside female back plate	1545 x 1455 mm	1545 x 1545 mm	1635 x 1435 mm	1660 x 1350 mm
Volume pressure filler	150 l	150 l	150 l	150 l
Molding area	1395 x 1305 mm	1395 x 1395 mm	1485 x 1285 mm	1510 x 1200 mm
Stroke variants	800 mm / 1000 mm / 1250 mm / 1500 mm			

ELECTRIC DRIVEN SHAPE MOLDING MACHINES

	EMMotion 1.6 1510 / 870	EMMotion 1.6 1485 / 1400	EMMotion 1.6 2000 / 870	EMMotion 1.6 1650 / 1380
Operating pressure	1,6 bar	1,6 bar	1,6 bar	1,4 bar
Molding area	1,3137 m ²	2,079 m ²	1,74 m ²	2,277 m ²
Knee lever	4	4	4	4
Flange female side	1585 x 945 mm	1560 x 1475 mm	2075 x 945 mm	1725 x 1455 mm
Flange male side	1565 x 925 mm	1540 x 455 mm	2055 x 925 mm	1705 x 1435 mm
Outside female back plate	1660 x 1020 mm	1635 x 1550 mm	2150 x 1020 mm	1800 x 1530 mm
Volume pressure filler	150 l	150 l	150 l	200 l
Molding area	1510 x 870 mm	1485 x 1400 mm	2000 x 870 mm	1650 x 1380 mm
Stroke variants	800 mm / 1000 mm / 1250 mm / 1500 mm			

	EMMotion 1.6 2100 / 1100	EMMotion 1.6 2250 / 1450	EMMotion 1.6 2550 / 1350
Operating pressure	1,4 bar	1,3 bar	1,3 bar
Molding area	2,31 m ²	3,2625 m ²	3,4425 m ²
Knee lever	4	4	4
Flange female side	2175 x 1175 mm	2325 x 1525 mm	2625 x 1425 mm
Flange male side	2155 x 1155 mm	2305 x 1505 mm	2605 x 1405 mm
Outside female back plate	2250 x 1250 mm	2400 x 1600 mm	2700 x 1500 mm
Volume pressure filler	200 l	200 l	200 l
Molding area	2100 x 1100 mm	2250 x 1450 mm	2550 x 1350 mm
Stroke variants	800 mm / 1000 mm / 1250 mm / 1500 mm		

	EMMotion 5.0 670 / 570	EMMotion 5.0 870 / 670	EMMotion 5.0 1070 / 870	EMMotion 5.0 1220 / 720
Operating pressure	5,0 bar	5,0 bar	5,0 bar	5,0 bar
Molding area	0,3819 m ²	0,5829 m ²	0,9309 m ²	0,8784 m ²
Knee lever	4	4	4	4
Flange female side	745 x 645 mm	945 x 745 mm	1145 x 945 mm	1295 x 795 mm
Flange male side	725 x 625 mm	925 x 725 mm	1125 x 925 mm	1275 x 775 mm
Outside female back plate	820 x 720 mm	1020 x 820 mm	1220 x 1020 mm	1370 x 870 mm
Volume pressure filler	60 l	60 l	100 l	100 l
Molding area	670 x 570 mm	870 x 670 mm	1070 x 870 mm	1220 x 720 mm
Stroke variants	800 mm / 1000 mm / 1250 mm / 1500 mm			

ELECTRIC DRIVEN SHAPE MOLDING MACHINES				
	EMMotion 5.0 1345 / 945	EMMotion 5.0 1395 / 870	EMMotion 5.0 1420/1020	EMMotion 5.0 1345 / 1145
Operating pressure	5,0 bar	5,0 bar	5,0 bar	5,0 bar
Molding area	1,271025 m ²	1,21365 m ²	1,4484 m ²	1,540025 m ²
Knee lever	4	4	4	4
Flange female side	1420 x 1020 mm	1470 x 945 mm	1495 x 1095 mm	1420 x 1220 mm
Flange male side	1400 x 1000 mm	1450 x 925 mm	1475 x 1075 mm	1400 x 1200 mm
Outside female back plate	1495 x 1095 mm	1545 x 1020 mm	1570 x 1170 mm	1495 x 1295 mm
Volume pressure filler	150 l	100 l	150 l	150 l
Molding area	1345 x 945 mm	1395 x 870 mm	1420 x 1020 mm	1345 x 1145 mm
Stroke variants	800 mm / 1000 mm / 1250 mm / 1500 mm			

	EMMotion 5.0 1485/1285	EMMotion 5.0 1650 / 870	EMMotion 5.0 1650 / 1380	EMMotion 5.0 1745 / 1245
Operating pressure	5,0 bar	5,0 bar	5,0 bar	5,0 bar
Molding area	1,908225 m ²	1,4355 m ²	2,277 m ²	2,172525 m ²
Knee lever	4	4	4	4
Flange female side	1560 x 1360 mm	1725 x 945 mm	1725 x 1455 mm	1820 x 1320 mm
Flange male side	1540 x 1340 mm	1705 x 925 mm	1705 x 1430 mm	1800 x 1300 mm
Outside female back plate	1635 x 1435 mm	1800 x 1020 mm	1800 x 1530 mm	1895 x 1395 mm
Volume pressure filler	150 l	150 l	200 l	200 l
Molding area	1485 x 1285 mm	1650 x 870 mm	1650 x 1380 mm	1745 x 1245 mm
Stroke variants	800 mm / 1000 mm / 1250 mm / 1500 mm			

SHUTTLE AND HELMET MACHINES			
	HT8	HS 900	HS1100
Operating pressure	1,5 bar	1,5 bar	1,5 bar
Molding area	0,64 m ²	0,63 m ²	1,082025 m ²
Flange female side	800 x 800 mm (31.5" x 31.5")	900 x 700 mm (35" x 28")	1145 x 945 mm (45" x 37")
Flange male side	800 x 800 mm (31.5" x 31.5")	900 x 700 mm (35" x 28")	1145 x 945 mm (45" x 37")
Outside female back plate	800 x 800 mm (31.5" x 31.5")	900 x 700 mm (35" x 28")	1145 x 945 mm (45" x 37")
Volume pressure filler	4 x 10 l (4 x 0.35 ft ³)	200 l (7.05 ft ³)	200 l (7.05 ft ³)
Molding area	800 x 800 mm (31.5" x 31.5")	900 x 700 mm (35" x 28")	1145 x 945 mm (45" x 37")
Stroke	-	720 mm (28")	800 mm (32")
Footprint	5750 x 2800 mm	4930 x 2380 mm	5270 x 4050 mm
Net weight	4800 kg (10580 lb)	5100 kg (11250 lb)	7200 kg (15880lb)

SHUTTLE AND HELMET MACHINES			
	HS1300	HS1400	HS1450
Operating pressure	1,5 bar	2 bar	2 bar
Molding area	1,04 m²	1,5225 m²	1,9575 m²
Flange female side	1300 x 800 mm (51" x 32")	1450 x 1050 mm (57" x 41")	1450 x 1350 mm (57" x 53")
Flange male side	1300 x 800 mm (51" x 32")	1450 x 1050 mm (57" x 41")	1450 x 1350 mm (57" x 53")
Outside female back plate	1300 x 800 mm (51" x 32")	1450 x 1050 mm (57" x 41")	1450 x 1350 mm (57" x 53")
Volume pressure filler	200 l (7.05 ft³)	400 l (14.1 ft³)	400 l (14.1 ft³)
Molding area	1300 x 800 mm (51" x 32")	1450 x 1050 mm (57" x 41")	1450 x 1350 mm (57" x 53")
Stroke	800 mm (32")	1225 mm (48")	1200 mm (47")
Footprint	4780 x 3540 mm	5600 x 4260 mm	6150 x 4900 mm
Net weight	8100 kg (17860 lb)	10000 kg (22050 lb)	13200 kg (29100 lb)

	HS1500	HES800	HES1750
Operating pressure	2 bar	1,5 bar	2 bar
Molding area	1,95 m²	0,6336 m²	3,2375 m²
Flange female side	1500 x 1300 mm (59" x 51")	960 x 660 mm (38" x 26")	1750 x 1850 mm (69" x 73")
Flange male side	1500 x 1300 mm (59" x 51")	960 x 660 mm (38" x 26")	1750 x 1850 mm (69" x 73")
Outside female back plate	1500 x 1300 mm (59" x 51")	960 x 660 mm (38" x 26")	1750 x 1850 mm (69" x 73")
Volume pressure filler	400 l (14.1 ft³)	200 l (7.05 ft³)	400 l (14.1 ft³)
Molding area	1500 x 1300 mm (59" x 51")	960 x 660 mm (38" x 26")	1750 x 1850 mm (69" x 73")
Stroke	640 mm (25")	740 mm (29")	1150 mm (45")
Footprint	5000 x 4980 mm	4070 x 2425 mm	5800 x 6100 mm
Net weight	10512 kg (23180 lb)	4000 kg (8820 lb)	20000 kg (44100 lb)

	HES2200	HEW14F
Operating pressure	1,5 bar	1,5 bar
Molding area	2,75 mm	1,45 mm
Flange female side	2200 x 1250 mm (87" x 49")	1450 x 1000 mm (57" x 39")
Flange male side	2200 x 1250 mm (87" x 49")	1450 x 1000 mm (57" x 39")
Outside female back plate	2200 x 1250 mm (87" x 49")	1450 x 1000 mm (57" x 39")
Volume pressure filler	400 l (14.1 ft³)	200 l (7.05 ft³)
Molding area	2200 x 1250 mm (87" x 49")	1450 x 1000 mm (57" x 39")
Stroke	1150 mm (45")	820 mm (33")
Footprint	5550 x 5100 mm	7350 x 4800 mm
Net weight	16700 kg (36820 lb)	12500 kg (27600 lb)

DYNAMIC MACHINES			
	Small	Medium	Large
Operating pressure	5 bar	5 bar	5 bar
Molding area	1345 x 1145 mm	1650 x 1380 mm	2100 x 1450 mm
Flange female side	Depending on mold system		
Flange male side			
Outside female back plate			
Volume pressure filler	200 l	200 l	200 l
Max. stroke	1800 mm	1800 mm	1800 mm
Footprint	6200 x 3500 mm	6400 x 4000 mm	6600 x 4600 mm
Net weight	20000 kg	25000 kg	30000 kg

OPTIONS ELECTRIC DRIVEN SHAPE MOLDING MACHINES

- Extension of machine stroke incl. engine upgrade
 - Extension of machine stroke incl. electric ejector plate
 - Electrical hoist in different sizes
 - Air conditioner
 - Electric ejector plate
 - Reduced depth of female steam chamber (165 mm)
 - Female chest extension in different sizes
 - Male chest extension incl. condensate piping in different sizes
 - Additional steel clamp frame
 - Platform under moveable side
 - Galvanic anode
 - Condensate piping VA
 - Steam chamber piping VA
 - Steaming via condensate piping
 - Filling hopper with 26 outputs
 - Additional 2nd Pressure filler in different sizes
 - Cleaning connection at the pressure filler (possible <100l)
 - EMix P50, per pressure Filler
 - EMix 3L
 - Pressurization for cooling water
 - Individual vacuum in different sizes
 - Underwater condenser
 - Additional cooling circuit
 - Media Center
- Demolding and stacking system with electrical servo drive
 - Brusher frame, one row
 - Product slide
 - Core pull function
 - Separating plate function
 - Function "skinning"
 - Foam pressure sensor
 - Additional temperature sensore on male side
 - Filling air control
 - Blowing injector control
 - Filling air and blowing injector control
 - Back pressure filling
 - Connecting set for ejector-filler-guns
 - Vacuum unit for individual material supply
 - Individual vent system
 - Function "vibrant filling"
 - Display in swivel arm
 - Keyboard-mouse-combination
 - Funtion "processing Eco Vio"
 - Mold carrier
 - External steam consumption metering DN80
 - Measuring orifice in steam supply pipe to the machine
 - Connecting flange set

OPTIONS SHUTTLE & HELMET

- Mold mounting crane
- Insert system
- Additional stacking unit
- Dual density unit
- Glazing technology
- Mold changing frame set
- Extension frame set
- Central greasing device
- Lifting box
- Foaming pressure sensor
- Stacking system
- Additional filling hopper
- Adapter frame
- Injector holder
- Fill injectors (different sizes)
- Injector-hose set
- Quick connection coupling for fill injector
- Fill injector cart
- Mold cart
- Mold change pallet
- AC for electrical cabinet
- Steam system
- Steam accumulator
- Air system (compressor)
- Cooling water system

OPTIONS DYNAMIC

- Foam pressure sensor
- Filling air and blowing injector control for 2 pressure fillers
- Back pressure filling
- Additional temperature sensore on male side
- Function "vibrant filling"
- Cleaning function for 2 pressure fillers without ionization
- Injector open (18-fold)
- Steaming via condensate piping