

390ME III-50

SPEC TABLE

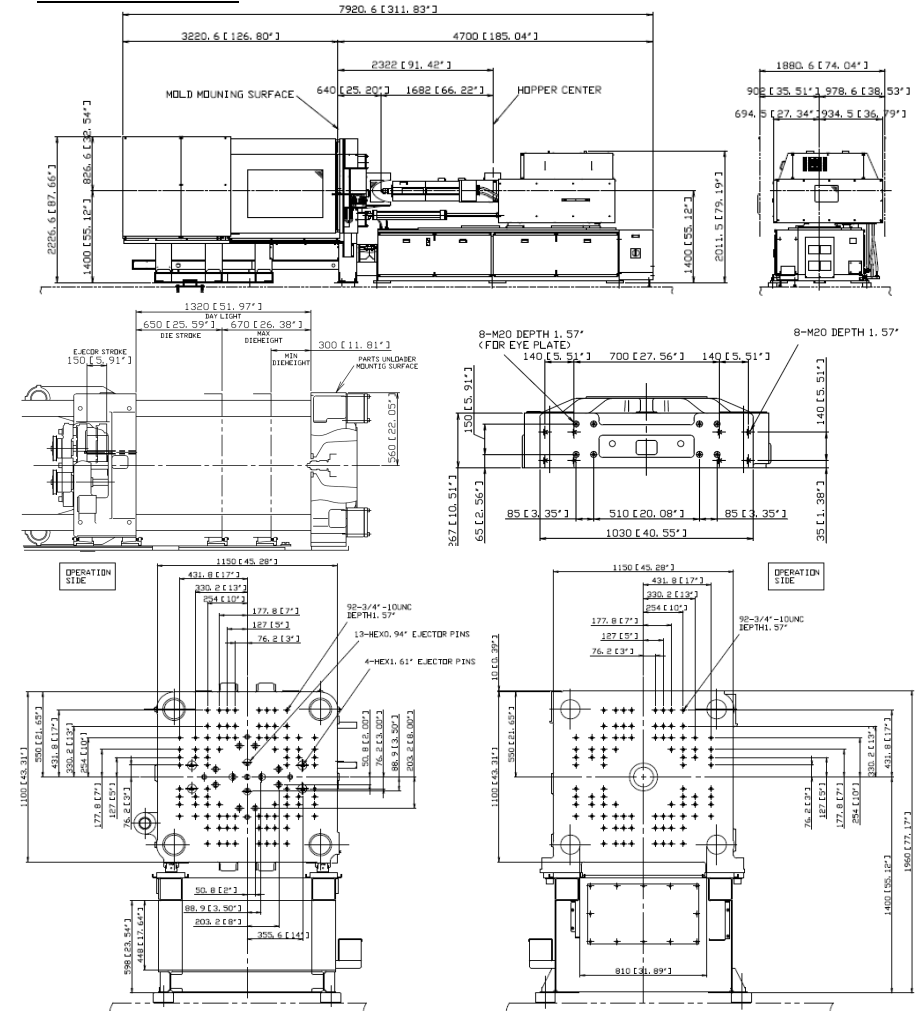
ITEM		UNIT	390ME III
CLAMP UNIT	CLAMPING FORCE	kN (US tf)	3 430 (385)
	PLATEN SIZE (HxV)	mm (inch)	1,150 x 1,100 (45.28 x 43.31)
	CLEARANCE BETWEEN TIE BARS (HxV)	mm (inch)	810 x 752 (31.89 x 29.61)
	MAX CLAMP STROKE	mm (inch)	650 (25.59)
	MAX DAYLIGHT	mm (inch)	1 320 (51.97)
	MOLD HEIGHT (MIN/MAX)	mm (inch)	300 / 670 (11.81 / 26.38)
EJECTOR	FORCE	kN (US tf)	78 (8.7)
	STROKE	mm (inch)	150 (5.91)
	FORWARD SPEED	mm/s (inch/s)	-
	HOLDING FORCE	kN (US tf)	-
INJECTION UNIT	INJECTION TYPE	-	50
	THEORETICAL INJECTION VOLUME	cm ³ (cu.inch)	1.345 (82)
	INJ. SHOT MASS (PS)	g (oz)	1.240 (43.7)
	PLASTICIZING CAPACITY (PS)	kg/hr (lbs/hr)	250 (55.1)
	MAX INJECTION PRESSURE	MPa (psi)	177 (25.671)
	MAX INJECTION HOLD PRESSURE	MPa (psi)	147 (21.320)
	INJECTION SPEED	mm/s (inch/s)	125 (4.92)
	INJECTION RATE	cm ³ /s (cu.in./s)	480 (29.29)
	SCREW DIAMETER	mm (inch)	70 (2.76)
SCREW STROKE	mm (inch)	350 (13.78)	
SCREW SPEED	min ⁻¹	210	

Remarks:

- Injection weight, injection rate and plasticizing capacity are dependent upon molding conditions and resin used.
- The value of plasticizing capacity is derived from UBE standard testing conditions.
- Specifications and data in this brochure are for reference only. Actual specification/performance may vary due to numerous factors such as continuous performance improvements, manufacturing allowable tolerance variations, etc.
- Please consult with us when using materials like PC, PMMA, POM, or PPO that require high screw torque for plasticizing.
- Standard machine specifications are subject to change due to option.

390ME III-50

MACHINE APPEARANCE



DIMENSION FOR MOLD

500ME III-70

SPEC TABLE

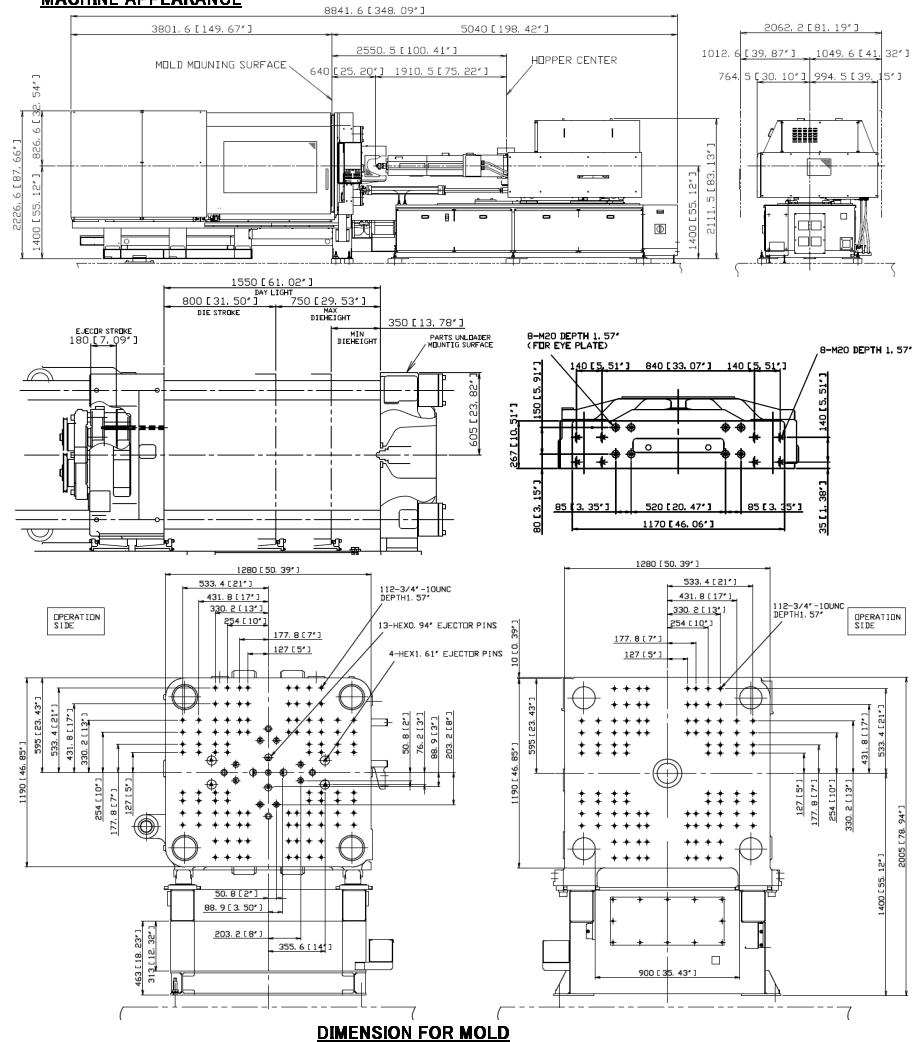
ITEM		UNIT	500ME III
CLAMP UNIT	CLAMPING FORCE	kN (US tf)	4 410 (495)
	PLATEN SIZE (HxV)	mm (inch)	1 280 × 1 190 (50.39 × 46.85)
	CLEARANCE BETWEEN TIE BARS (HxV)	mm (inch)	900 × 810 (35.43 × 31.89)
	MAX CLAMP STROKE	mm (inch)	800 (31.50)
	MAX DAYLIGHT	mm (inch)	1 550 (61.02)
	MOLD HEIGHT (MIN/MAX)	mm (inch)	350 / 750 (13.78 / 29.53)
EJECTOR	FORCE	kN (US tf)	98 (11.0)
	STROKE	mm (inch)	180 (7.09)
	FORWARD SPEED	mm/s (inch/s)	-
	HOLDING FORCE	kN (US tf)	-
	INJECTION TYPE	-	70
INJECTION UNIT	THEORETICAL INJECTION VOLUME	cm ³ (cu.inch)	2 010 (122)
	INJ. SHOT MASS (PS)	g (oz)	1 845 (65.1)
	PLASTICIZING CAPACITY (PS)	kg/hr (lbs/hr)	320 (705)
	MAX INJECTION PRESSURE	MPa (psi)	177 (25.671)
	MAX INJECTION HOLD PRESSURE	MPa (psi)	147 (21.320)
	INJECTION SPEED	mm/s (inch/s)	125 (4.92)
	INJECTION RATE	cm ³ /s (cu.in./s)	630 (38.4)
	SCREW DIAMETER	mm (inch)	80 (3.15)
	SCREW STROKE	mm (inch)	400 (15.75)
	SCREW SPEED	min ⁻¹	200

Remarks:

1. Injection weight, injection rate and plasticizing capacity are dependent upon molding conditions and resin used.
2. The value of plasticizing capacity is derived from UBE standard testing conditions.
3. Specifications and data in this brochure are for reference only. Actual specification/performance may vary due to numerous factors such as continuous performance improvements, manufacturing allowable tolerance variations, etc.
4. Please consult with us when using materials like PC, PMMA, POM, or PPO that require high screw torque for plasticizing.
5. Standard machine specifications are subject to change due to option.

500ME III-70

MACHINE APPEARANCE



720ME III-100S

SPEC TABLE

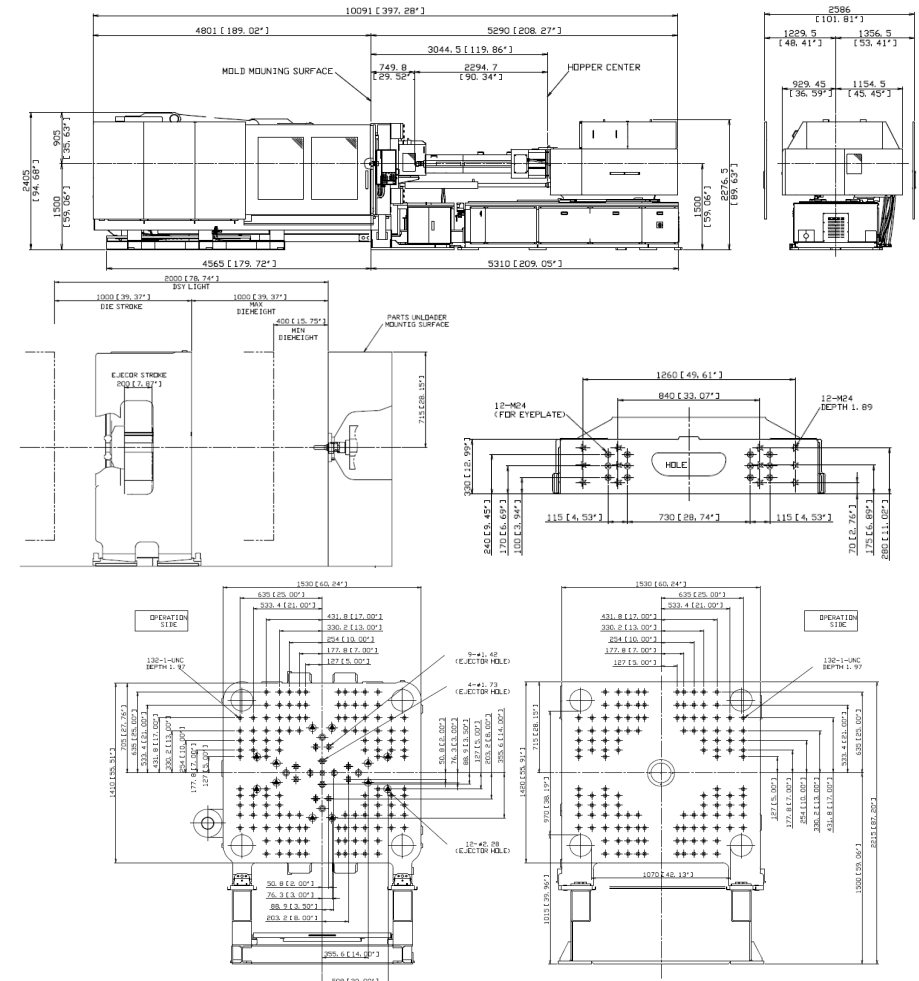
ITEM		UNIT	720ME III
CLAMP UNIT	CLAMPING FORCE	kN (US tf)	6.370 (715)
	PLATEN SIZE (HxV)	mm (inch)	1.530 x 1.410 (60.24 x 55.51)
	CLEARANCE BETWEEN TIE BARS (HxV)	mm (inch)	1.070 x 970 (42.13 x 38.19)
	MAX CLAMP STROKE	mm (inch)	1.000 (39.37)
	MAX DAYLIGHT	mm (inch)	2.000 (78.74)
	MOLD HEIGHT (MIN/MAX)	mm (inch)	400 / 1.000 (15.75 / 39.37)
	EJECTOR	FORCE	kN (US tf)
STROKE		mm (inch)	200 (7.87)
FORWARD SPEED		mm/s (inch/s)	225 (8.86)
HOLDING FORCE		kN (US tf)	53 (6.0)
INJECTION UNIT	INJECTION TYPE	-	100S
	THEORETICAL INJECTION VOLUME	cm ³ (cu.inch)	2.860 (174)
	INJ. SHOT MASS (PS)	g (oz)	2.630 (92.7)
	PLASTICIZING CAPACITY (PS)	kg/hr (lbs/hr)	470 (1.036)
	MAX INJECTION PRESSURE	MPa (psi)	177 (25.671)
	MAX INJECTION HOLD PRESSURE	MPa (psi)	147 (21.320)
	INJECTION SPEED	mm/s (inch/s)	125 (4.92)
	INJECTION RATE	cm ³ /s (cu.in./s)	795 (48.5)
	SCREW DIAMETER	mm (inch)	90 (3.54)
SCREW STROKE	mm (inch)	450 (17.72)	
SCREW SPEED	min ⁻¹	160	

Remarks:

1. Injection weight, injection rate and plasticizing capacity are dependent upon molding conditions and resin used.
2. The value of plasticizing capacity is derived from UBE standard testing conditions.
3. Specifications and data in this brochure are for reference only. Actual specification/performance may vary due to numerous factors such as continuous performance improvements, manufacturing allowable tolerance variations, etc.
4. Please consult with us when using materials like PC, PMMA, POM, or PPO that require high screw torque for plasticizing.
5. Standard machine specifications are subject to change due to option.

720ME III-100S

MACHINE APPEARANCE



DIMENSION FOR MOLD

950ME III W-160

SPEC TABLE

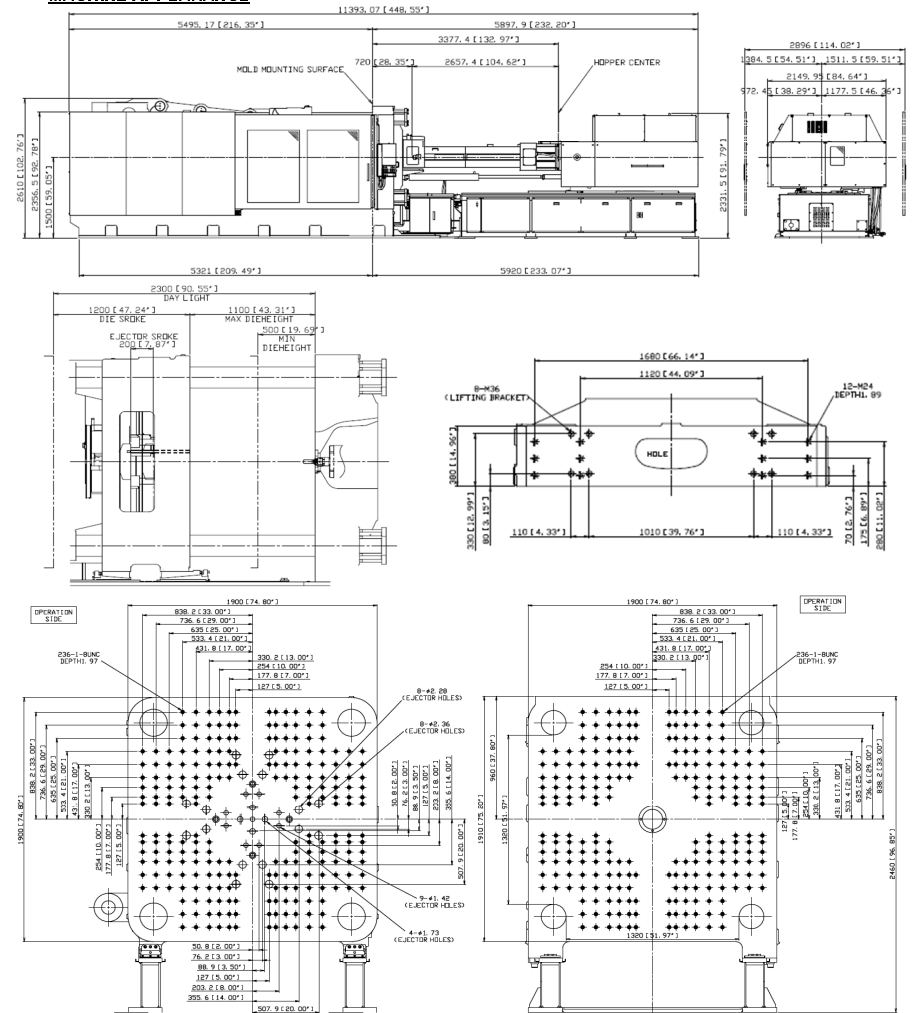
ITEM		UNIT	950ME III W
CLAMP UNIT	CLAMPING FORCE	kN (US tf)	8.330 (935)
	PLATEN SIZE (HxV)	mm (inch)	1,900 × 1,900 (74.80 × 74.80)
	CLEARANCE BETWEEN TIE BARS (HxV)	mm (inch)	1,320 × 1,320 (51.97 × 51.97)
	MAX CLAMP STROKE	mm (inch)	1,200 (47.24)
	MAX DAYLIGHT	mm (inch)	2,300 (90.55)
	MOLD HEIGHT (MIN/MAX)	mm (inch)	500 / 1,100 (19.69 / 43.31)
	EJECTOR	FORCE	kN (US tf)
STROKE		mm (inch)	200 (7.87)
FORWARD SPEED		mm/s (inch/s)	225 (8.86)
HOLDING FORCE		kN (US tf)	53 (6.0)
INJECTION UNIT	INJECTION TYPE	-	180
	THEORETICAL INJECTION VOLUME	cm ³ (cu.inch)	4.540 (227)
	INJ. SHOT MASS (PS)	g (oz)	4.180 (147.4)
	PLASTICIZING CAPACITY (PS)	kg/hr (lbs/hr)	630 (1,389)
	MAX INJECTION PRESSURE	MPa (psi)	177 (25.671)
	MAX INJECTION HOLD PRESSURE	MPa (psi)	147 (21.320)
	INJECTION SPEED	mm/s (inch/s)	160 (6.30)
	INJECTION RATE	cm ³ /s (cu.in./s)	1.305 (84.5)
	SCREW DIAMETER	mm (inch)	105 (4.13)
SCREW STROKE	mm (inch)	525 (20.67)	
SCREW SPEED	min ⁻¹	152	

Remarks:

1. Injection weight, injection rate and plasticizing capacity are dependent upon molding conditions and resin used.
2. The value of plasticizing capacity is derived from UBE standard testing conditions.
3. Specifications and data in this brochure are for reference only. Actual specification/performance may vary due to numerous factors such as continuous performance improvements, manufacturing allowable tolerance variations, etc.
4. Please consult with us when using materials like PC, PMMA, POM, or PPO that require high screw torque for plasticizing.
5. Standard machine specifications are subject to change due to option.

950ME III W-160

MACHINE APPEARANCE



DIMENSION FOR MOLD