

MMX Series Performance Data

MMX性能一覧表

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UMHIPT
U-MHIプラテック株式会社
U-MHI PLATECH CO., LTD.

TYPE	(UNIT)	1200MMX		1200MMXW		1450MMX			1500MMXW			1800MMX			2200MMX				2800MMX			3300MMX		3900MMX		
		160	240	160	240	160	240	340	240	340	470	240	340	470	240	340	470	740	340	470	740	470	740	470	740	
SCREW DIAMETER スクリュー径	inch (mm)	4.13 (105)	4.72 (120)	4.13 (105)	4.72 (120)	4.13 (105)	4.72 (120)	5.32 (135)	4.72 (120)	5.32 (135)	5.91 (150)	4.72 (120)	5.32 (135)	5.91 (150)	4.72 (120)	5.32 (135)	5.91 (150)	6.89 (175)	5.32 (135)	5.91 (150)	6.89 (175)	5.91 (150)	6.89 (175)	5.91 (150)	6.89 (175)	
THEORETICAL INJECTION VOLUME 理論射出容量	cu. in (cm ³)	277.4 (4,540)	414.0 (6,780)	277.4 (4,540)	414.0 (6,780)	277.4 (4,540)	414.0 (6,780)	589.6 (9,660)	414.0 (6,780)	589.6 (9,660)	808.7 (13,200)	414.0 (6,780)	589.6 (9,660)	808.7 (13,200)	414.0 (6,780)	589.6 (9,660)	808.7 (13,200)	1,284.3 (21,000)	589.6 (9,660)	808.7 (13,200)	1,284.3 (21,000)	808.7 (13,200)	1,284.3 (21,000)	808.7 (13,200)	1,284.3 (21,000)	
INJECTION SHOT MASS 射出質量	PS (g)	147.5 (4,180)	220.2 (6,240)	147.5 (4,180)	220.2 (6,240)	147.5 (4,180)	220.2 (6,240)	313.5 (8,890)	220.2 (6,240)	313.5 (8,890)	426.8 (12,100)	220.2 (6,240)	313.5 (8,890)	426.8 (12,100)	220.2 (6,240)	313.5 (8,890)	426.8 (12,100)	682.9 (19,300)	313.5 (8,890)	426.8 (12,100)	682.9 (19,300)	426.8 (12,100)	682.9 (19,300)	426.8 (12,100)	682.9 (19,300)	
	PE (g)	118.6 (3,360)	177.1 (5,020)	118.6 (3,360)	177.1 (5,020)	118.6 (3,360)	177.1 (5,020)	252.2 (7,150)	177.1 (5,020)	252.2 (7,150)	344.6 (9,770)	177.1 (5,020)	252.2 (7,150)	344.6 (9,770)	177.1 (5,020)	252.2 (7,150)	344.6 (9,770)	549.3 (15,500)	252.2 (7,150)	344.6 (9,770)	549.3 (15,500)	344.6 (9,770)	549.3 (15,500)	344.6 (9,770)	549.3 (15,500)	
MAX. INJECTION PRESSURE 射出圧力	psi (kgf/cm ²)	25,596 (1,800)		25,596 (1,800)		25,596 (1,800)			25,596 (1,800)			25,596 (1,800)			25,596 (1,800)				25,596 (1,800)			25,596 (1,800)		25,596 (1,800)		
INJECTION SPEED 射出速度	inch/sec (mm/sec)	4.18 (106)	3.82 (97)	4.18 (106)	3.82 (97)	4.18 (106)	3.82 (97)	3.46 (88)	3.82 (97)	3.46 (88)	3.01 (76)	3.82 (97)	3.46 (88)	3.01 (76)	3.82 (97)	3.46 (88)	3.01 (76)	2.61 (66)	3.46 (88)	3.01 (76)	2.61 (66)	3.01 (76)	2.61 (66)	3.01 (76)	2.61 (66)	
INJECTION RATE 射出率	cu.in/sec (cm ³ /sec)	56.15 (920)	67.00 (1,095)	56.15 (920)	67.00 (1,095)	56.15 (920)	67.00 (1,095)	76.98 (1,260)	67.00 (1,095)	76.98 (1,260)	82.46 (1,350)	67.00 (1,095)	76.98 (1,260)	82.46 (1,350)	67.00 (1,095)	76.98 (1,260)	82.46 (1,350)	97.51 (1,595)	76.98 (1,260)	82.46 (1,350)	97.51 (1,595)	82.46 (1,350)	97.51 (1,595)	82.46 (1,350)	97.51 (1,595)	
PLASTICIZING CAPACITY (PS) 可塑化能力	lbs/hr (kg/hr)	1,278 (580)	1,444 (655)	1,278 (580)	1,444 (655)	1,278 (580)	1,444 (655)	1,543 (700)	1,444 (655)	1,543 (700)	1,653 (750)	1,444 (655)	1,543 (700)	1,653 (750)	1,444 (655)	1,543 (700)	1,653 (750)	1,774 (805)	1,543 (700)	1,653 (750)	1,774 (805)	1,653 (750)	1,774 (805)	1,653 (750)	1,774 (805)	
SCREW SPEED スクリュー回転速度	rpm	139	168	139	168	139	168	112	168	112	110	168	112	110	168	112	110	90	112	110	90	110	90	110	90	
MAX. MOLD CLAMPING FORCE 型締力	US tf (Metric tf)	1,200 (1,050)		1,200 (1,050)		1,450 (1,300)			1,500 (1,350)			1,800 (1,600)			2,200 (2,000)				2,800 (2,500)			3,300 (3,000)		3,900 (3,500)		
MOLD OPENING FORCE 型開力	US tf (Metric tf)	68 (62)		68 (62)		110 (100)			137 (125)			137 (125)			231 (210)				231 (210)			264 (240)		264 (240)		
MOLD CLOSING SPEED (HIGH) 型閉速度(高速)	ft/min (m/min)	147 (45)		147 (45)		147 (45)			147 (45)			147 (45)			147 (45)				147 (45)			147 (45)		147 (45)		
MOLD OPENING SPEED (HIGH) 型開速度(高速)	ft/min (m/min)	147 (45)		147 (45)		147 (45)			147 (45)			147 (45)			147 (45)				147 (45)			147 (45)		147 (45)		
PLATEN SIZE 型盤寸法 H×V	inch (mm)	74.80×74.80 (1,900×1,900)		78.40×74.80 (2,000×1,900)		78.74×78.74 (2,000×2,000)			98.42×78.74 (2,500×2,000)			98.42×78.74 (2,500×2,000)			98.42×88.58 (2,500×2,250)				100.39×90.55 (2,550×2,300)			100.39×98.42 (2,550×2,500)		100.39×98.42 (2,550×2,500)		
CLEARANCE BETWEEN TIE BARS タイバー間隔 H×V	inch (mm)	51.18×51.18 (1,300×1,300)		61.02×51.18 (1,550×1,300)		57.08×55.11 (1,450×1,400)			72.83×59.84 (1,850×1,520)			72.83×59.84 (1,850×1,520)			72.83×64.96 (1,850×1,650)				78.74×64.96 (2,000×1,650)			80.70×74.80 (2050×1,900)		80.70×74.80 (2050×1,900)		
MAX. CLAMP STROKE 型締ストローク	inch (mm)	68.89 (1,750)		90.55 (2,300)		84.64 (2,150)			96.45 (2,450)			96.45 (2,450)			98.42 (2,500)				110.23 (2,800)			125.98 (3,200)		125.98 (3,200)		
MAX. DAYLIGHT デイルイト	inch (mm)	88.58 (2,250)		110.23 (2,800)		110.23 (2,800)			125.98 (3,200)			125.98 (3,200)			127.95 (3,250)				141.73 (3,600)			165.35 (4,200)		165.35 (4,200)		
MOLD HEIGHT 金型厚さ	inch (mm)	19.69~43.31 (500~1,100)		19.69~53.15 (500~1,350)		25.60~51.18 (650~1,300)			29.53~59.05 (750~1,500)			29.53~59.05 (750~1,500)			29.53~59.05 (750~1,500)				31.50~66.93 (800~1,700)			39.37~74.80 (1,000~1,900)		39.37~74.80 (1,000~1,900)		
EJECTOR FORCE エジェクタ押出力	US tf (tf)	22.04 (20)		22.04 (20)		33.06 (30)			33.06 (30)			33.06 (30)			44.08 (40)				55.10 (50)			55.10 (50)		55.10 (50)		
EJECTOR STROKE エジェクタストローク	inch (mm)	7.87 (200)		7.87 (200)		11.81 (300)			11.81 (300)			11.81 (300)			13.77 (350)				15.74 (400)			15.74 (400)		15.74 (400)		
ELECTRIC MOTOR CAPACITY 油圧ポンプ用モータ出力	kW	123	146	123	146	123	146	169	146	169	192	146	169	192	146	169	192	215	177	200	223	200	223	200	223	
ELECTRIC HEATER CAPACITY ヒータ電気容量 (460V/60Hz)		46.6	49.2	46.6	49.2	46.6	49.2	62.0	49.2	62.0	77.9	49.2	62.0	77.9	49.2	62.0	77.9	102.6	62.0	77.9	102.6	77.9	102.6	77.9	102.6	
TOTAL HYD. SYSTEM OIL QUANTITY [IN TANK] 使用作動油量 [タンク内]	US gal	581.2 [449.1]	686.4 [528.3]	581.2 [449.1]	686.4 [528.3]	581.2 [449.1]	660.4 [528.3]		686.8 [528.3]		818.9 [660.4]	686.8 [528.3]		818.9 [660.4]	686.8 [528.3]		845.4 [660.4]	1,030.3 [818.9]	686.8 [528.3]	845.4 [660.4]	1,030.3 [818.9]	977.4 [694.8]	1,162.4 [853.3]	977.4 [694.8]	1,162.4 [853.3]	
OVERALL DIMENSION 機械寸法	L	ft	36.2	38.6	38.1	40.4	37.1	39.4	39.8	43.6	44.1	47.8	43.6	44.1	47.8	44.8	45.3	49.1	52.7	47.0	50.9	52.7	53.6	55.5	53.6	55.5
	W	ft	10.9		11.3		11.4			12.7			12.7			13.2				14.2			15.7		15.7	
	H	ft	9.8		9.8		10.5			10.9			10.9			11.3				11.5			12.9		12.9	
SHIPPING MASS 重量	US ton (Metric ton)	51.8 (47)	56.2 (51)	52.9 (48)	57.3 (52)	69.4 (63)	72.7 (66)	76.0 (69)	88.8 (81)	92.4 (84)	98.6 (90)	88.8 (81)	92.4 (84)	98.6 (90)	102.3 (93)	105.7 (96)	111.8 (102)	121.4 (111)	129.8 (118)	136.0 (124)	145.6 (132)	168.7 (153)	178.1 (162)	168.7 (153)	178.1 (162)	

※Above value is common to 50Hz and 60Hz. (The electric heater capacity is an exception.)
※本表の数値は60Hz、50Hz共通です。(ヒータ電気容量除く)

※Above value includes the planned value, and subject to change due to modification without prior notice.
※本表の数値には計画値が含まれており、改良により変更することがありますのでご了承下さい