

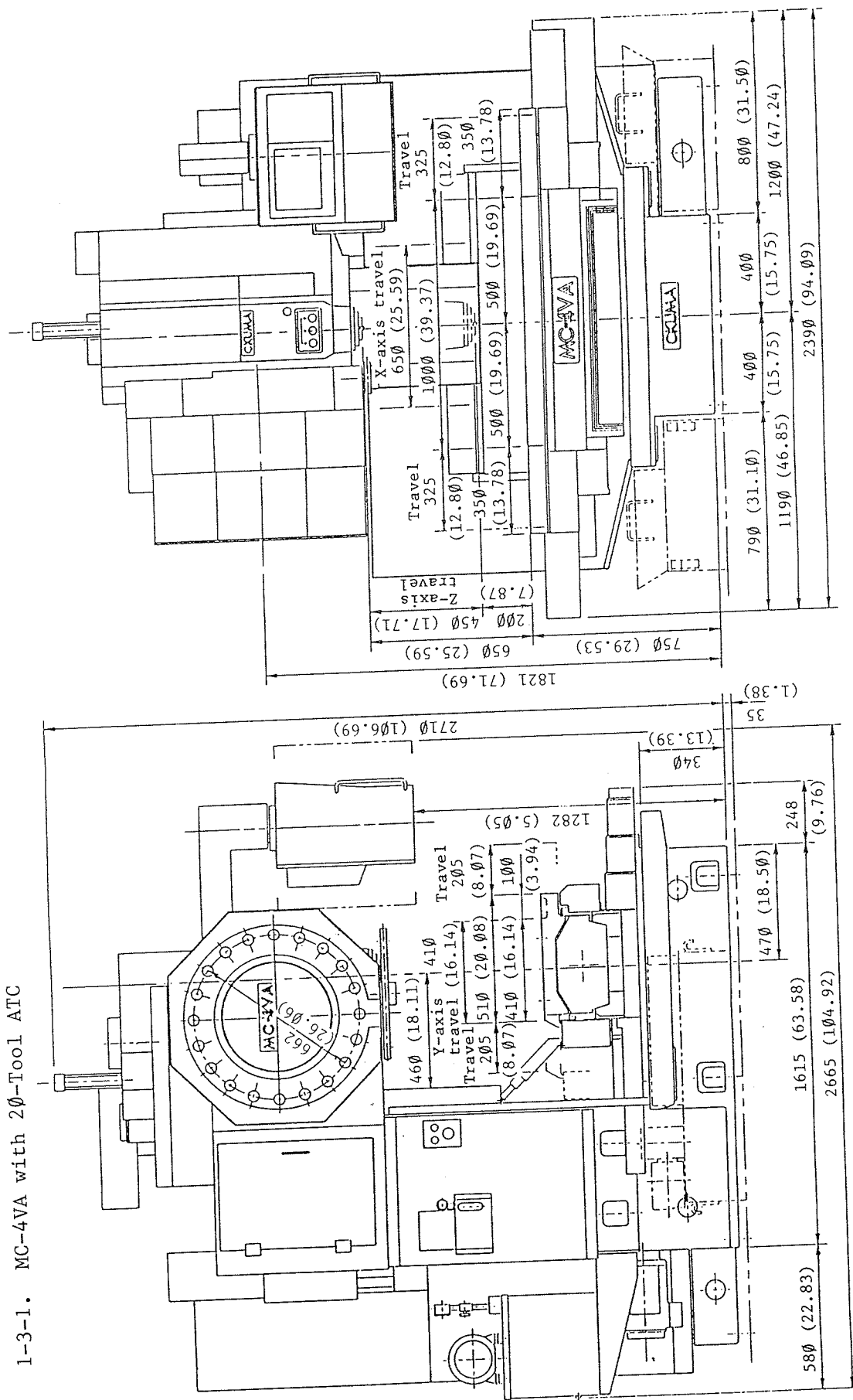
1-2. MACHINE SPECIFICATIONS

	Unit	MC-4VA
Effective table size	mm (in.)	1,000 (39.37) x 410 (16.14)
Travel:		
X-axis (Table)	mm (in.)	650 (25.59)
Y-axis (Saddle)	mm (in.)	410 (16.14)
Z-axis (Spindlehead)	mm (in.)	450 (17.72)
Spindle end to table surface	mm (in.)	200 (7.87) - 650 (25.59)
Spindle center to column front surface	mm (in.)	460 (18.11)
Table:		
Size	mm (in.)	1,000 x 510 (39.37 x 20.08)
Load capacity	kg (lb)	500 (1,100)
Table surface to floor level	mm (in.)	750 (29.53)
Spindle:		
Taper hole		NT.40
Diameter (front bearing)	mm (in.)	65 (2.56)
Speed range	rpm	50 - 4,000 [optional: 60 - 6,000] [optional: 150 - 12,000]
Number of speeds		Infinitely variable (direct four-digit S command)
Rapid traverse (X-/Y-/Z-axis)	mm/min (ipm)	X, Y: 15,000 (591) Z : 13,000 (512)
Feedrate (X-/Y-/Z-axis)	mm/min (ipm)	1 - 4,000 (0.01 - 157)
Motors:		
Main motor	kW (hp)	VAC 5.5/3.7 (7.5/5) (30 min/cont.) [optional: VAC 7.5/5.5 (10/7.5)] (30 min/cont.)
Hydraulic power unit drive motor	kW (hp)	2.2 (3)
X-axis drive motor	kW (hp)	Brushless, 1.2 (AC) (1.6)
Y-axis drive motor	kW (hp)	Brushless, 1.2 (AC) (1.6)
Z-axis drive motor	kW (hp)	Brushless, 1.2 (AC) (1.6)

MC-4VA	Unit	
20 tools [optional: 32-tools] Memory random MAS403 BT40 MAS Type 2	mm (in.) mm (in.) mm (in.) mm (in.) kg (lb)	ATC: Tool magazine capacity Tool selection Tool shank Pull-stud Max. tool diameter with adjacent tools Max. tool diameter without adjacent tools Max. tool length Max. tool weight
2,710 (106.69) 2,380 x 2,585 (105.51 x 101.77) 5,700 (12,500)	mm (in.) mm (in.) mm (in.) kg (lb)	Others: Machine height Floor space (excluding options) Machine weight

1-3. DIMENSIONAL DRAWINGS

1-3-1. MC-4VA with 2 ϕ -Tool ATC



Unit: mm (in.)

1-6. NAMES OF MAIN COMPONENTS

