

Chap. 3 MACHINE OUTLINE AND FEATURES

3-3 Specifications

○ Machine specifications

Type		NPB-030M	
Pipe dia. (mm) : D		ϕ 19.1 ~ 31.8 *	
Curve angle (°)		0 ~ 360	
Max. curve radius (mm) : R		∞	
Min. curve radius (R/D)		3.0	
Capacity		ϕ 31.8 \times 1.6 ^t (STKM)	
Max. bending rate (mm/s)		350	
Max. feed rate (mm/s)		350	
Max. pipe length (mm)		Standard 2,000 *	
Positioning accuracy	X-axis (mm)	\pm 0.01	
	Y-axis (mm)	\pm 0.01	
	Z-axis (mm)	\pm 0.1	
Lubrication pump		SP-1X-15	
Input power (ACV)		200 \pm 20	
Motor	X/Y-axis	Max. output (kW)	0.45
		Max. rotation (rpm)	3000
	Z-axis	Max. output (kW)	4.5
		Max. rotation (rpm)	2000
Noise level dB (A)			
Vibration level (V)			
Machine dimensions (mm)		L 3566 \times W 1333 \times H 1260	
Machine weight (kg)		About 1,400	

* Changeable as optional specifications.

○ NC device specifications

Controllable axes		3 axes (X, Y and Z)
Memory capacity		100 pcs.
Input system	Basic format	Input linear part length, and radius, angle and direction of curve. Pipe required length is calculated.
	Coordinate format	Input coordinates X, Y, and Z of linear parts and direction and curve radius. The input data is converted into basic format.
Simulation		By no-load operation, in the computer
External device		Connection with RS232C possible (Cable is optional.)
L x W x H (mm)		L 500 \times W 600 \times H 1020
Weight (kg)		About 70