

Item/Model			FM-76V (Hydraulic type)		
			1000 mm	2000 mm	3000 mm
Working capacity	Round tube (Mild steel)	Range	O.D. Ø16~Ø76 mm		
		Wall thickness	MAX. 3 mm		
		Position	Tube Inside & outside edge chamfering & facing		
		Max. facing depth	0.5 mm		
	Solid bar (Mild steel)	Range	O.D. Ø16~Ø30 mm		
		Position	Outside chamfering only (C4 chamfer)		
	Workpiece length (mm) (※1)		250 ~ 1000	250 ~ 2000	250 ~ 3000
	Measurable length (mm)		250 ~ 1000	250 ~ 2000	250 ~ 3000
Measuring unit precision		±0.02 mm			
Spindle motor			2.25 kW /4P (Both sides)		
Spindle speed	60Hz		1394/2591 RPM		
	50Hz		1160/2159 RPM		
Cutting head feeding axis			Hydraulic cylinder		
Material storage			Rack type		
Rack loading capacity			50 kg		
Hydraulic pump motor			2.25 kW /4P , 30 L/min		
Hydraulic pressure			55 kg/cm ²		
Capacity of hydraulic reservoir			100 L		
Compressed air			6~8 bar		
Total consumption of air			120 L/min		
Total power requirement capacity			7.5 kW (Single) , 7.8 kW (Connection)		
Standard accessories			1.One standard tool head (E3K234) 2.One set of standard tool seats (Q+R) 3.One set of chamfering clamps (For one O.D. size) 4.Tool box with standard hand tools		
Optional accessories			1.With motor to adjust the cutting head position 2.Preparation and devices for future connection to other SOCO machines 3.Special tool head and tool seats for: Tube chamfering O.D. Ø9~Ø16mm Boring / deep chamfers Radius chamfering Solid bar outside chamfer + centering 4.Different tube O.D. size clamps 5.Loading magazine BTM (#1~#5) 6.RPM speed inverter (Both sides) 7.Chamfering for oil mist system 8.Safety fencing with sensor		
Dimensions (L×W×H) (cm)			256x160x177	356x160x177	456x160x177
Weight (kg)			1680 (※2)	2035 (※2)	2390 (※2)

※1 : For automation cell : SA-78NCE+FM-76V, work piece length min. 300mm

※2 : Estimated weight

APPROVED

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EDITOR

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