

ITEM / MODEL		SA-85NCE-MULTI	
Cutting capacity (※1)	<input type="radio"/> Round tube	10 ~ 85 mm (Single tube)	
		10 ~ 32 mm (Four tubes)	
	<input type="checkbox"/> Square tube	10 x 10 ~ 65 x 65 mm (Single tube)	
		10 x 10 ~ 30 x 30 mm (Four tubes)	
	<input type="checkbox"/> Rectangular tube	15 x 10 ~ 80 x 40 mm (Single tube)	
Spindle motor		7.5kW	
Spindle speed		50 ~ 304 rpm	
Saw blade specs		Ø275 ~ Ø360 mm	
		H.S.S. Saw blade , Arbor hole Ø32mm , Pin hole 4xØ11x63mm P.C.D.)	
Chip disposal		Vacuum chip remover	
Saw blade lubrication		Water based cooling circulation system	Oil mist spray system
Cooling pump motor		0.4 kW	
Capacity of water based coolant tank		250 L	
Capacity of hydraulic reservoir		70 L	
Hydraulic pump motor		3.75 kW , 30 L/min	
Hydraulic pressure		70 Kg/cm ²	
Compressed air		6~8 bar	
Total consumption of air		120 L/min	
Cutting head feeding axis		Electric servo (SIEMENS 1.5 kW)	
Feeding axis		Electric servo (SIEMENS 2 kW)	
Discharging axis		Electric servo (SIEMENS 2 kW)	
Pipe support moving axis		Electric servo (SIEMENS 0.4 kW)	
First crop (※3)	Single tube	>20 mm	
	Four tubes	>20 mm (※4)	
Last crop		55 mm + α (Cutting length)	
Cutting length		50~2000 mm	50~3000 mm
Feeding length		50~2000 mm	50~3000 mm
Discharging length		50~2000 mm	50~3000 mm
Max. tube feed speed		1 M/sec	
Max. tube discharge speed		1.3 M/sec	
Number of cutting length per tube		5 (※5)	
Max. program storage files		1	
Software and Interface		SOCO i2 controls + Touch screen	
Total power requirement capacity		52.5 kW	
Standard accessories		1.Tool box with standard hand tools 2.RPM speed inverter 3.Standard clamps	
Optional accessories		1.Various sizes of clamp 2.Preparation and devices for future connection to other SOCO machine 3.Remote monitoring device	
Machine Weight (kg) (Without MB LOADER and safe cover)		6220 (※6)	7510 (※6)

Dimension (L×W×H) (Without MB LOADER)	475 × 210 × 160 cm
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Loading magazine	
Type	MB6
Arrangement	Bundle magazine
Measuring axis	Electric servo (SIEMENS 0.4 kW)
Arrangement X axis	Electric servo (SIEMENS 1.5 kW)
Arrangement Y axis	Electric servo (SIEMENS 1.5 kW)
Minimum tube loading length	3700 mm
Maximum tube loading length	6500 mm
Loading capacity	4000 kg
Machine Weight (Without safe cover)	3005 kg (※6)
Dimension (L×W×H)	708 × 212 × 180 cm

- ※ 1 : When cutting multi tubes, the original material length random < 100 m/m
- ※ 2 : For Automation Cell : SA-85NCE-MUTLI +BDB-70,work piece length min. 200 mm
- ※ 3 : Cancelling the setting of the first crop is allowed, but the length accuracy of the first section is not guaranteed.
- ※ 4 : The actual length of first crop = the original material length tolerance + the set length of first crop
- ※ 5 : Connecting with other machines only set one size
- ※ 6 : Estimated weight

APPROVED	潘俊宏	EDITOR	丁秉中
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