

OUTLINE

91800 Group

CNC SEMI AUTOMATIC LAPPING SLEEVE TURNING MACHINE

VSC-100

3.9/10.2-91800

O.D.&I.D.FINISH

● Use	DIESEL / GASOLINE
● Material	C
● Condition	D
● I.D.Range	φ 39 ~ φ 102
● Chucking Breadth	1 PIECE
● 1-cycle processes	SINGLE
● Machining Profile	

SPEC

PHOTO

PHOTO

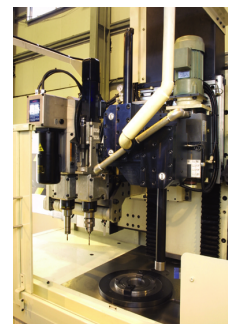
VSC-100A

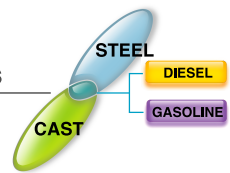
3.85/10.2-91800

O.D.&I.D.FINISH

● Use	DIESEL / GASOLINE
● Material	C
● Condition	D
● I.D.Range	φ 38.5 ~ φ 102
● Chucking Breadth	1 PIECE
● 1-cycle processes	SINGLE
● Machining Profile	

SPEC





LAPPING SLEEVE TURNING MACHINE 16121 Series List of Specifications

Specifications item			16121 3.9/10.2-91800	16121 3.85/10.2-91800	
			VSC-100	VSC-100A	
SPEC SHEET					
No. of work clamps			Single	Single	
Method of work clamp			Manual collet chuck	Manual collet chuck	
Work head side			Jig	Jig	
Tailstock side			—	—	
Closing sleeve					
Structure			Vertical type	Vertical type	
Operation mode			Full automatic		
			Semi automatic	○	
Machining shape			Perfect circle	Perfect circle	
Machining position			ID,End face	ID,End face	
Machining count per cycle			Single	Single	
SPEC	Machining capacity Ring nominal diameter(ϕ)		39~102	38.5~102	
	Work head Motor output(kW)		7.5	7.5	
	Rotation speed(rpm)		280~1800	280~1800	
	Machine dimensions L × D × H(mm)		3180×1500×2700	3180×1500×2700	
	Machine weight(kg)		6800	6800	
Basic structure	General	NC controlled ID slide axes	X,U	1(X)	
			Z,W	1(Z)	
	Hydraulic unit		○	○	
	Pneumatic unit		○	○	
	Forcible lubrication unit for slide		○	○	
	Clamping device		○	○	
	Electric system	Control panel	○	○	
		NC unit	○	○	
Standard attachments	Leveling bolt & plate		○	○	
	Adjustment tool		○	○	
	Machine instruction manual		○	○	
	NC instruction manual		○	○	
Basic options					
			CE marking	○	
Added options	C V	Safety cover	○	○	
	C L	Chip pan	○	○	
	A I R	Air blow	○	○	
	V	Dust collector	○	○	
		Cover & hood for dust collector	○	○	
	H Y D	Fan cooler for hydraulic unit	○	○	
		Heater for hydraulic unit	○	○	
		Oil controller	○	○	
	E	3-lamp signal tower	○	○	
		4-lamp signal tower	○	○	
		Spindle inching function	○	○	
		Spindle orientation unit	○	○	
		Data registration function	○	○	
		RS232C interface	○	○	
		Air conditioner	○	○	
	Cutting tool	○	○		
	Cutting jig	○	○		
	Spare part 1	○	○		
	Spare part 2	○	○		

Added options mark

CV : Cover CL : Coolant unit MC : Mist collector D : Dressing unit G : Measuring unit AIR : Pneumatic unit V : Dust collector HYD : Hydraulic unit E : Electric system LUB : Lubricator