

OUTLINE

This is a machine specialized only in cutting off the gap portions with the cutter trindling in the 3 directions of X, Y and Z in the semi-automatic mode.

The ring set in the mandrel can be flowed to the next process as it is.

94500 Group

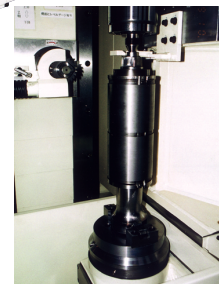
CNC SEMI AUTOMATIC PISTONRING MILLING MACHINE

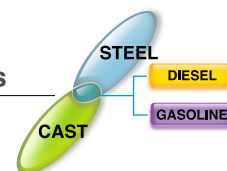
GM-2V

6/17-94500

GAP MILLING

● Use	DIESEL / GASOLINE
● Material	C
● Condition	D
● O.D.Range	φ 60 ~ φ 170
● Chucking Breadth	120mm(1p.c.s)
● 1-cycle processes	MULTI
● Machining Profile	





PISTONRING MILLING MACHINE 11321 Series List of Specifications

List of Specifications		11321 6/17-94500		
		GM-2V		
SPEC SHEET				
Type of machining		Gap milling		
No. of work clamps		Multiple		
Method of work clamp		Mandrel on both sides		
Work head side		Mandrel on both sides		
Tailstock side		Tailstock		
Closing sleeve		×		
Structure		Vertical type		
Operation mode	Full automatic	○		
	Semi automatic			
Machining count per cycle		Multiple		
S P M C	Machining capacity	Ring nominal diameter(ϕ)	60~170	
		No. of heads	1	
	Work head	Motor output(kW)	8rpm	
		Rotation speed(rpm)	AC servo motor +Worm wheel	
	Tool head	No. of heads	1	
		Motor output(kW)	1.5	
		Rotation speed(rpm)	150~250	
	Machine dimensions	L × D × H(mm)	1350×1705×2133	
	Machine weight(kg)		2600	
B a s i c s t r u c t u r e	NC controlled axes	X	1	
		Y	1	
		Z	1	
		C	1	
	Loader		×	
	Unloader		×	
	Stocker	IN stocker	×	
		OUT stocker	×	
	Hydraulic unit		×	
	Pneumatic unit		○	
	Forcible lubrication unit for slide		○	
	Electric system	Control panel	○	
		NC unit	○	
S t a n d a r d a t t a c h m e n t s	Leveling bolt & plate		○	
	Adjustment tool		○	
	Machine instruction manual		○	
	NC instruction manual		○	
Basic options		CE marking	○	
A d d e d o p t i o n s	C V	Safety cover	○	
		各種カバー(カッターカバー他)	○	
	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	○	
		Air conditioner	○	
		Cutter	○	
		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