

11322 Series

OUTLINE

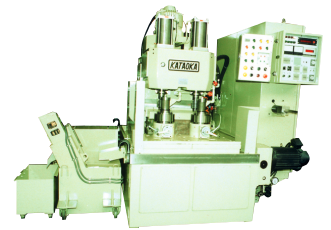
This is a vertical type machine specialized in splitting processing on the O.D. of rings with a milling cutter.

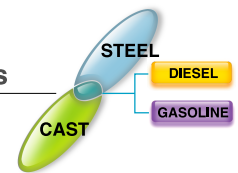
This machine can split more than one ring by means of multi-blade cutting.

VS-1-NC

4.5/16-94400

● Use	DIESEL / GASOLINE	
● Material		C
● Condition		D W
● O.D.Range	φ 45 ~ φ 160	
● Chucking Breadth	100mm(	p.c.s)
● 1-cycle processes	MULTI	
● Machining Profile		





PISTONRING SPLITTING MACHINE 11322 Series List of Specifications

Specifications item		11322 4.5/16-94400 VS-1-NC		
SPEC SHEET				
Type of machining		Split		
No. of work clamps		Multiple(Max.100mm)		
Method of work clamp		Mandrel on one side		
Work head side		Mandrel on one side		
Tailstock side		×		
Closing sleeve		×		
Structure		Vertical type		
Operation mode	Full automatic	○		
	Semi automatic			
Machining count per cycle		Multiple		
S P E C I F I C A T I O N S	Machining capacity Ring nominal diameter(ϕ)	45~160		
	No. of heads	2		
	Work head Motor output(kW)	3.7		
	Rotation speed(rpm)	1~29		
	Tool head No. of heads	2		
	Motor output(kW)	11		
	Rotation speed(rpm)	25~250		
	Work spindle vertical movement amount(mm)	25		
	Machine dimensions L × D × H(mm)	2560×2100×2150		
	Machine weight(kg)	About 5000		
B A S I C S T R U C T U R E	NC	×		
	controlled Z	×		
	axes Others	1		
	Loader	×		
	Unloader	×		
	Stocker IN stocker	×		
	OUT stocker	×		
	Hydraulic unit	○		
	Pneumatic unit	×		
	Forcible lubrication unit for slide	○		
	Lubrication unit for gear box	○		
	Electric Control panel	○		
	system NC unit	○		
S T A N D A R D A T T A C H M E N T S	Cutter arbor	○		
	Leveling bolt & plate	○		
	Adjustment tool	○		
	Machine instruction manual	○		
	Tooling standard book	○		
Basic options				
A D D E D O P T I O N S	CE marking	○		
	Safety cover	○		
	Splash guard	○		
	Coolant unit	○		
	Coolant separator (Magnetic)	○		
	Chip conveyor	○		
	AIR Air blow	×		
	Fan cooler for hydraulic unit	○		
	Heater for hydraulic unit	○		
	Oil controller	○		
	Spindle orientation unit	○		
	Air conditioner	○		

Expanding mandrel (with rubber sleeve)	○		
Collar & metal saw	○		
Cutter arbor (spare)	○		
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