

OUTLINE

This is a machine specialized in lapping the various O.D. shapes of rings in the full-automatic mode.

Rings of various materials (e.g., cast iron, steel, hard chrome plating, molybdenum coating) can be lapped.

21400 Group

HYD FULL AUTOMATIC
LAPPING MACHINE

OSL-2

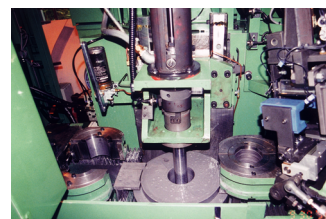
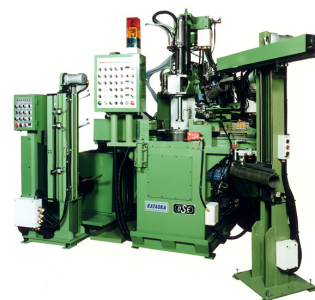
8/13-21400

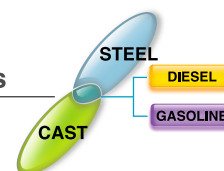
O.D. LAPPING

● Use	DIESEL / GASOLINE	
● Material	C	S
● Condition	D	
● O.D. Range	$\phi 80 \sim \phi 130$	
● Chucking Breadth	80mm(	p.c.s)
● 1-cycle processes	MULTI	
● Machining Profile		



SPEC





LAPPING MACHINE 11521 Series List of Specifications

Specifications item		11521 8/13-21400			
		OSL-2			
SPEC SHEET 					
Type of machining		Lapping			
No. of work clamps		Multiple (Max.85mm)			
Method of work clamp		Closing type			
Closing sleeve					
Structure		Vertical type			
Operation mode		Full automatic Semi automatic	○		
SPEC	Machining capacity	Ring nominal diameter(ϕ)	80~130		
	Machining count per cycle		Multiple		
	Spindle unit	Diameter(ϕ)	50		
		Stroke(mm)	130		
		Speed(s.p.m)	80~130		
		Motor output(kW)	3.7		
	Lapping sleeve	Diameter(ϕ)	240		
	rotating unit	Rotation speed(rpm)	15~30		
		Motor output(kW)	1.5		
	Machine dimensions	L × D × H(mm)	4125×3465×2667		
Machine weight(kg)		About 4800			
Basic structure	General	NC controlled axes	×		
		Loader	○		
		Unloader	○		
		Stocker	IN stocker		
			OUT stocker		
		Hydraulic unit	○		
		Pneumatic unit	○		
		Forcible lubrication unit for slide	○		
		Coolant unit	○		
		Electric system	Control panel	○	
			NC unit	×	
	Standard attachments		Leveling bolt & plate	○	
		Adjustment tool	○		
		Machine instruction manual	○		
Basic options					
		CE marking	○		
Added options	C V	Safety cover	○		
	A I R	Air blow	○		
	H Y D	Oil controller	○		
	E	Air conditioner	○		
		Work loading elevator	○		
		Work unloading elevator	○		
		Washing machine	○		
OUT stocker		○			
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