

S450 SAWBLADE SHARPENING MACHINE

Professional Class Sawblade Sharpening Machine

Instruction of Functions

- A Firm Floor Model Machine
- Sharpening Capability of High-low Teeth.
- It is adjusted by a control dial the teeth high-low difference. The C type teeth with high-low difference could be ground out the same time.

The Adjustment of The Sawblade Thickness

- The sawblade thickness is adjusted by a precision graduator. It could accurate adjust the center point of the sawblade

Variable Speed Switch

- The transmission motor could be changed from 4P into 8P freely by the variable speed switch. The maximum of 4P grinding speed is 180 teeth and the minimum of 8P grinding speed is 45 teeth.

Stepless Change

- It uses the stepless change pulley, therefore, the grinding speed could be adjusted following the changes of the teeth pitch per your need.

Bran-new Design

- This machine is well-designed for years and it is a professional class sawblade sharpening machine.
- Bran-new design; this sharpening machine is designed in the operator's position. All of the adjusting levers are arranged reasonably. In this way, the operator could adjust the cutting angle, the back clearance angle, the teeth depth and teeth pitch of the sawblade easily. Therefore, the edgy sawblade could be ground out rapidly and precisely.

Tooth Shape Cam

- Through an accurate calculated mimic process of the computer, the industrial class and professional tooth shape cam could be designed. In this way, it would make your grinding of the sawblade more simple, more fast and more accurate.

- The grinding head could do an up-and-down sawing, therefore, the chamfer angle could be ground out without changing the cam.

- The tungsten carbide tipped pushing jaw provides maximum wear resistance to achieve the accurate feeding.

- Applying the ball black lead cast iron (FCD-45) to all the cast irons in this machine. Also, a tempered process is accomplished to ensure the accuracy and to increase the wear resistance.

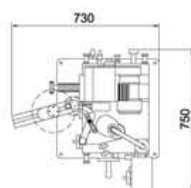
- All of the main parts uses SKD 11 high carbide steel. Also, the grinding and the heat treatment process are accomplished.

- The push arm spring is reformed. It uses rotary spring to avoid the elastic deformation of the spring and to ensure the precision of the feeding.

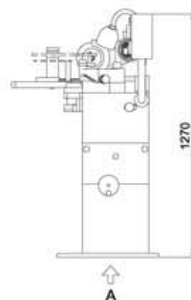


- Apply the high tensile alloy brass to the support of the sawblade feeding shaft and insert the high-tech-made concrete lubricant into it. It's specialty of high load carrying capacity and well wear-resistance could accomplish the oil-less feed function totally.

- Using the feeding shaft in 30mm. The spindle is enlarged and the heat treatment process are accomplished.



Measurement



Specifications

Grinding Range	Ø65-450mm
Optional accessories	Ø35-100mm
Tooth pitch	25 mm Max.
Sawblade Thickness	8 mm Under
Grinding speed	72~143 teeth/min 113~223
Cutting angle	0~30°
Grinding wheel diameter	Ø70-Ø150
Grinding wheel motor	1/3 HP
Transmission motor	1/2 HP
Grinding wheel speed 50HZ/60HZ	3800/4500 rpm
Package size	97 x 78 x 154 cm
Net weight/gross weight	190 / 255 kg

Standard Fittings

Work lamp	1pc
Tool box	1set
Operation Manual	1copy
Guide Plate	2pcs
Grinding wheel	10pcs

※ All specifications, designs and characteristics shown in this catalogue are subject to change without prior notice.

HIGH METICULOUS



Chamfer diagram



Chamfer diagram

TOOTH TYPE For Non Ferrous Metal



Grinding wheel tilting adjustment



High/Low teeth indicator meter



Blade thickness adjustment



Stepless speed Adjustment



High/Low teeth grinding adjustment