

HOB SHARPENING MACHINE

滾齒刀切刃溝磨床



HS-16

滾齒刀切刃溝專用磨床，操作簡單能正確迅速地完成研磨工作
This machine is specially designed for sharpening hob.

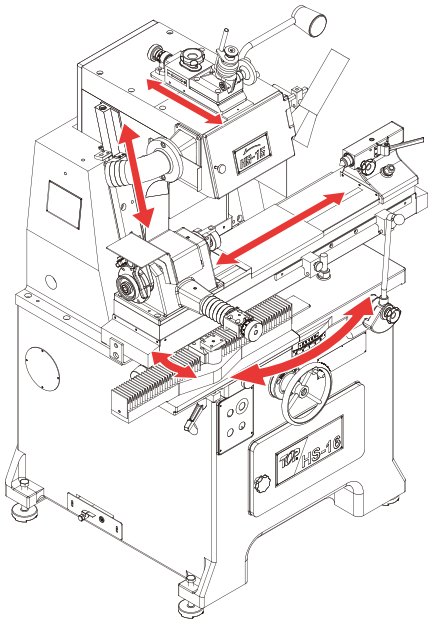
TOPWORK

HS-16 HOB SHARPENING MACHINE

滾齒刀切刃溝磨床

This machine is specially designed for sharpening hob, with powerful dust collector eliminates the grinding dust completely.

各種滾齒刀切刃溝專用磨床，操作簡單，能正確迅速地完成研磨工作。



Index Head 分度頭

The Index Head is completely enclosed to prevent dust intrusion to the rolling wheel and sine-bar.

The rolling wheel is fixed on the work spindle and fastened to the rod which connected with sine-bar by the steel belts. The indexing is accomplished by the index plate which mounted on the work spindle.

分度作業由裝於分度軸末端的分度盤及分度桿達成，分度軸及引導滑座間使用鋼帶精密傳導，使傳動間隙完全消除。



Truing Dresser Unit 修整裝置

To ensure the effective grinding surface of the grinding wheel to be an angle of 15°, the truing dresser is equipped on the grinding head. If grinding spiral hob, the position of the truing dresser can be adjusted according to the demand of grinding wheel surface.



Grinding Wheel Head 砂輪頭

The Grinding Wheel Head is provided with a dressing unit which makes the effective grinding surface of the wheel through the center line of the hob without special adjustment. The horizontally positioned grinding spindle is mounted on the precision four angular contact bearings and two radial ball bearings.

砂輪軸平行地面，升降角與砂輪研磨角同為 15 度，升降時不會改變砂輪研磨面與滾齒刀切刃面的角度，確保刀具面的準確度。

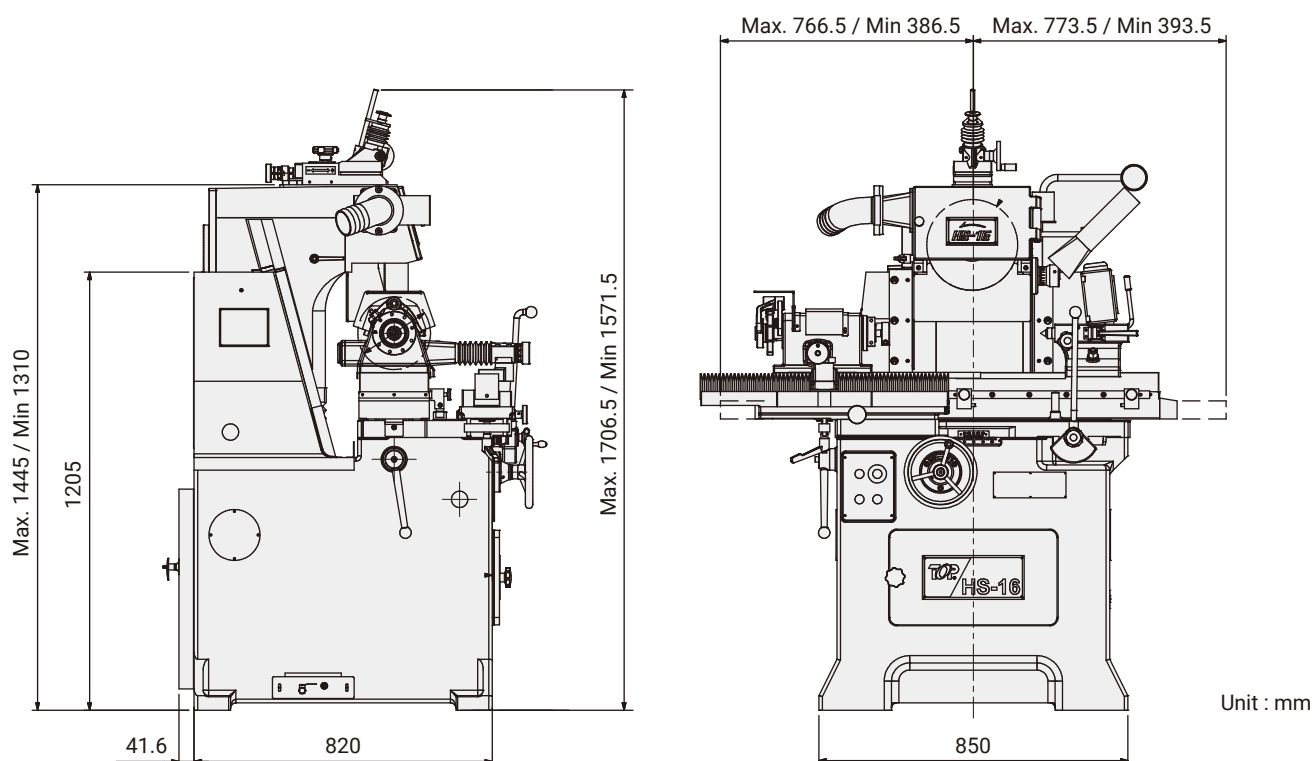


砂輪修整器在修整砂輪角度時，其進刀角度跟砂輪的升降角度是一樣的 15 度，因此，整修後的砂輪於研磨過程中能保持正確的 15 度夾角。如果需要研磨斜角滾齒刀時，可依砂輪研磨面角的要求，調整修整器的位置。

Specification 機械規格		HS-16
Max. Hob Diameter 研磨滾齒刀最大直徑		200 mm
Max. Hob Length 研磨滾齒刀最大長度		250 mm
Max. Module 研磨滾齒刀最大模數		M16
Min. Lead of Hob 研磨滾齒刀最小導程		1400 mm
Longitudinal Travel of Table 工作台左右移動距離		380 mm
Vertical Travel of Grinding Head 砂輪軸升降距離		130 mm
Distance Between Centers 頂心間最大距離		550 mm
Max. Index Plate Diameter 分度盤最大直徑		120 mm
Grinding Wheel Diameter 砂輪直徑		250 mm
Grinding Wheel Spindle Rotational Speed 砂輪主軸轉速		2300 rpm
Grinding Wheel Spindle Motor Power 砂輪馬達功率		2 HP (1.5 kW)
Dust Collector Motor Power 吸塵馬達功率		1/2 HP (0.4 kW)
Dimension (W x D x H) 機械尺寸 (寬 x 深 x 高)		1354 x 1057 x 1707 mm
Weight 機械重量		1200 kg

Standard Accessories 標準配件		
1. Ø8 Hob Mandrel 滾齒刀心軸	2. Index Plate 分度板	3. Grinding Wheel 砂輪
4. Dust Collector 吸塵裝置	5. Tool Box & Tools 工具箱及標準工具	

※ All specifications are subject to alternations without prior notice. 以上規格如有變更，恕不另行通知。



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