

**iDL**

Fast, Accurate  
and Easy to  
Operate



HS-4350  
HEAD  
RESURFACER



## HS-4350

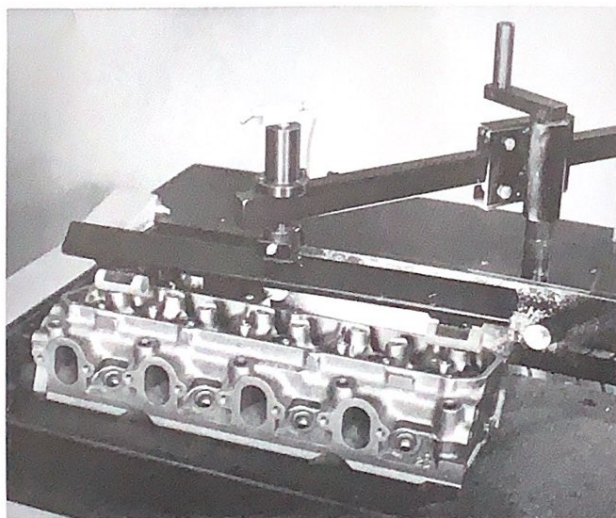
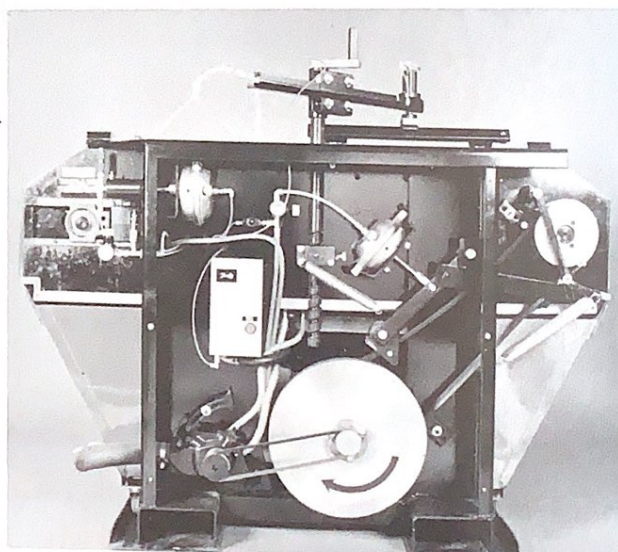


◀ An air over oil hydraulic tensioning and tracking system is used to provide rapid belt changes and the ability to alter belt tracking while the belt is running.

The operator does not require a wrench for belt tensioning and it is not necessary to move from the front to the back of the machine because all controls are up front where the operator stands.

▲ The hydraulic pressure gauges indicate the tension being exerted on the belt so the operator knows when to apply more pressure as the belt stretches. The belt can be tensioned to the correct operating range to achieve maximum belt life.

For a fast energy efficient start a V-belt ▶ clutch and flywheel are used. The motor is running and the foot pedal engages the V-belts for fast powerful starts. This system also draws less amperage than starting a large horsepower motor from a dead stop.



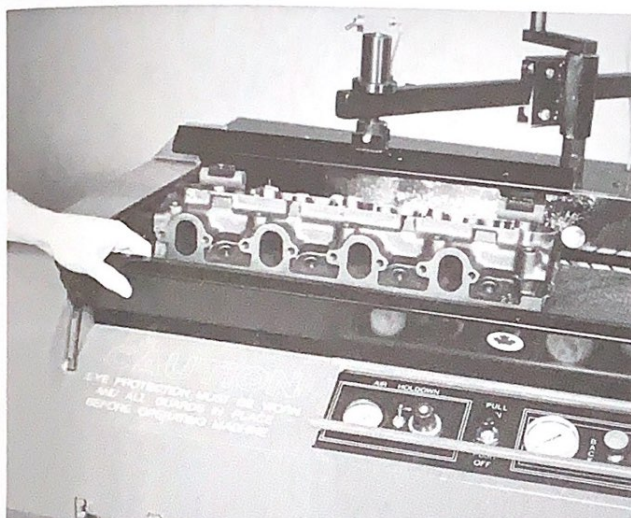
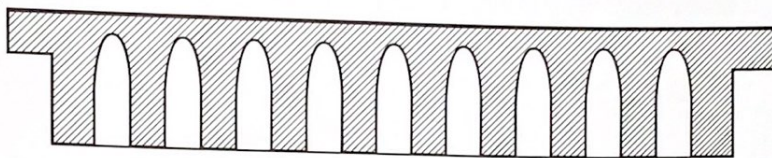
◀ The air hold down is standard equipment because down pressure is imperative to obtain maximum abrasive belt life.

The hold down pressure is adjustable and can be actuated manually or automatically when the foot pedal is pressed.



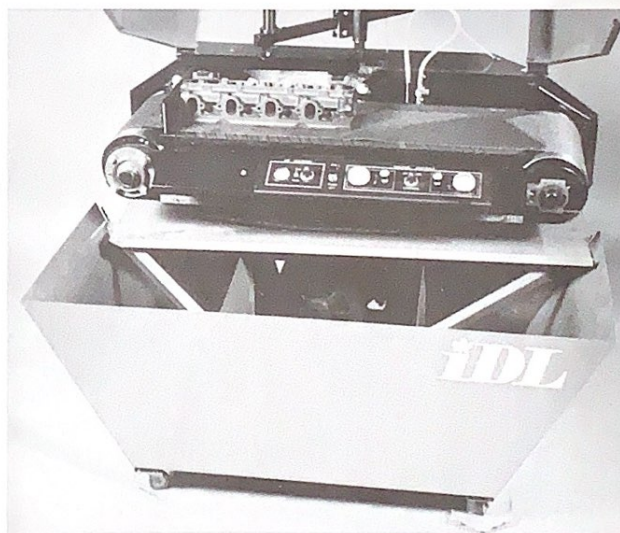
The platen is a single piece cast iron unit. The grinding surface is precision scraped to guarantee a flat plane for accurate head resurfacing.

In this application cast iron is more durable than hardened steel. The platen is also internally water cooled so heat generated during grinding is conducted through the platen into the coolant.



For operator safety there is a fold down fence in front of the work area. For normal operation the fence is in its up position, but it folds down to accommodate work that hangs over the front of the platen.

The coolant tank holds approximately 55 U.S. gallons and can be unplugged and rolled away for fast, easy cleanout.



The top cowel flips up out of the way for easy belt changes and clean up.

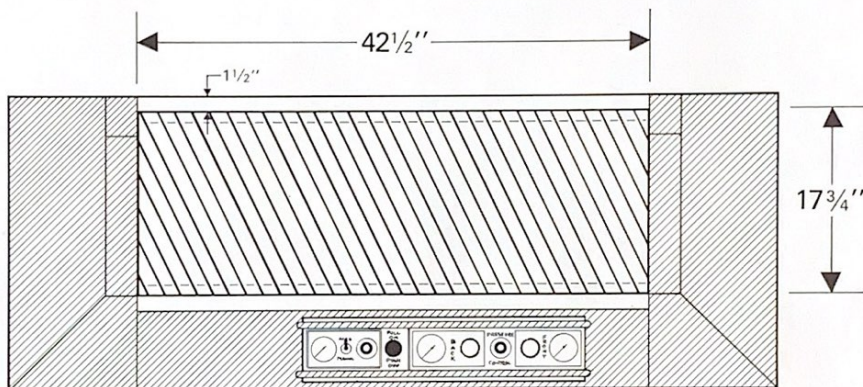


MODEL NUMBER	STANDARD VOLTAGES	OPTIONAL VOLTAGES	COOLANT CAPACITY	AIR REQUIRED	SHIPPING WT.
HS-4350	15Hp 208-220V 3Ph. 20Hp 208-220V 3Ph.	460V 3Ph. 550V 3Ph.	55 U.S. Gallons	100 P.S.I. Clean Dry Air.	2000 lbs.

#### STANDARD EQUIPMENT

5 - 36 Grit Silicon Carbide Grinding Belts  
2 Liters of K-6 Coolant  
1 Hydraulic Bleeder Kit

#### PLATEN WORK AREA DIMENSIONS



Manufactured By:

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