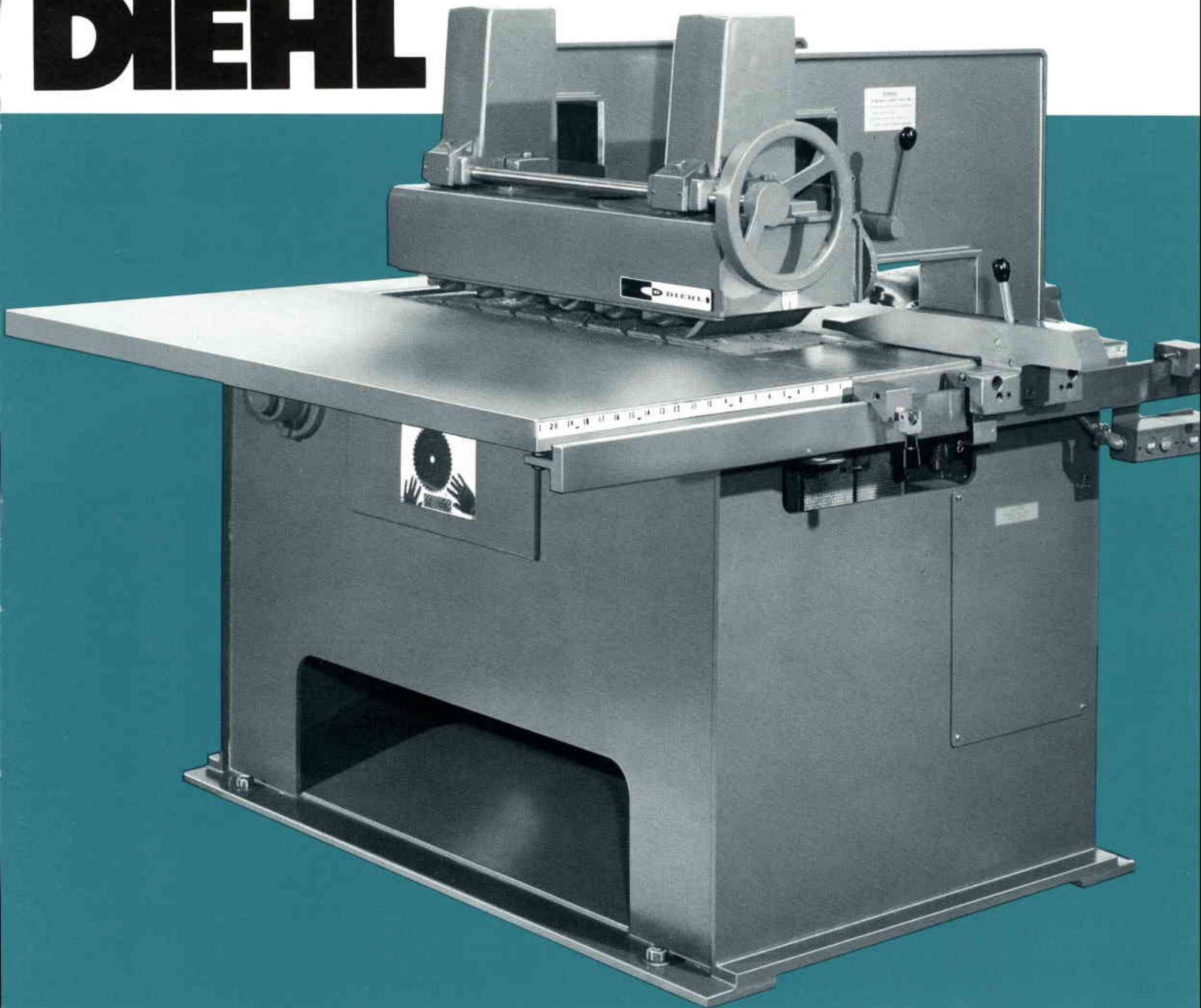




# DIEHL



## Medium Sized...But Heavy Duty Diehl SL55 Straight-Line Rip Saw

Many rip saw applications do not require the size and capacity of the industry-accepted Diehl SL52 Rip Saw. Some of the standard and optional features of the SL52 just do not prove to be cost-effective for these types of operations.

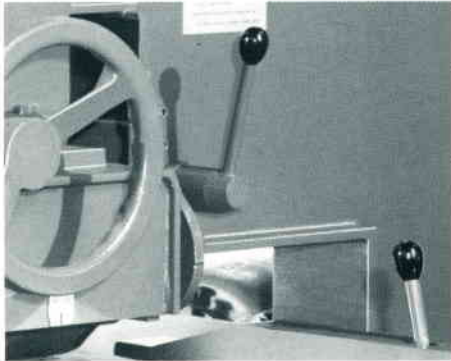
Diehl has responded to this industry requirement by designing a smaller, but heavy duty

rip saw for this segment of the industry. The SL55.

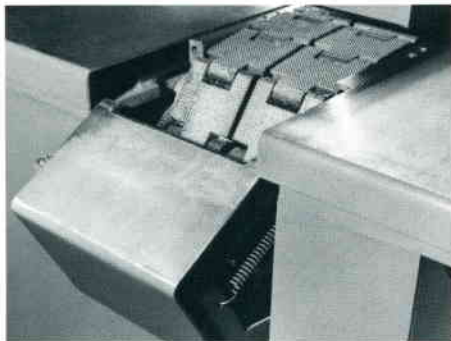
The SL55 is a medium-sized machine built to Diehl's traditional rugged, high quality standards. It provides most of the superior performance features of the larger SL52. It even cuts accurate glue-joints on material up to five feet in length.

# Check These Standard Features:

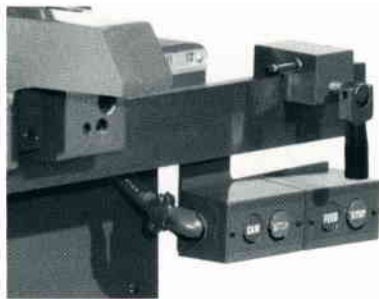
- Heavy duty, one-piece heavy wall cast iron pressure bar housing.



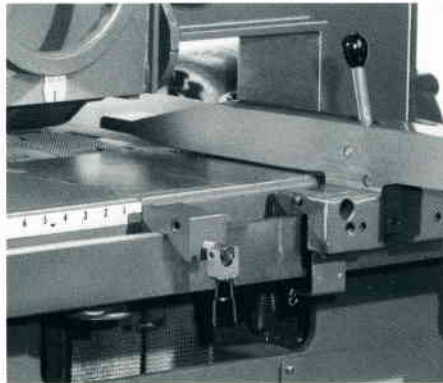
- Conveniently located positive acting pressure bar locking device.



- Hinged drop-away center table—outfeed.



- Conveniently located pushbutton controls.
- Rugged steel tables.



- Self-contained yielding stock gauge assembly. Heavy-duty cast iron construction with ball bearing rollers on guide rail and table for easy movement. Locking device on stock gauge and stop blocks designed with large surface contact areas for improved performance and to eliminate marking rugged guide rail. Constant return tension provided by pulley and weight system.

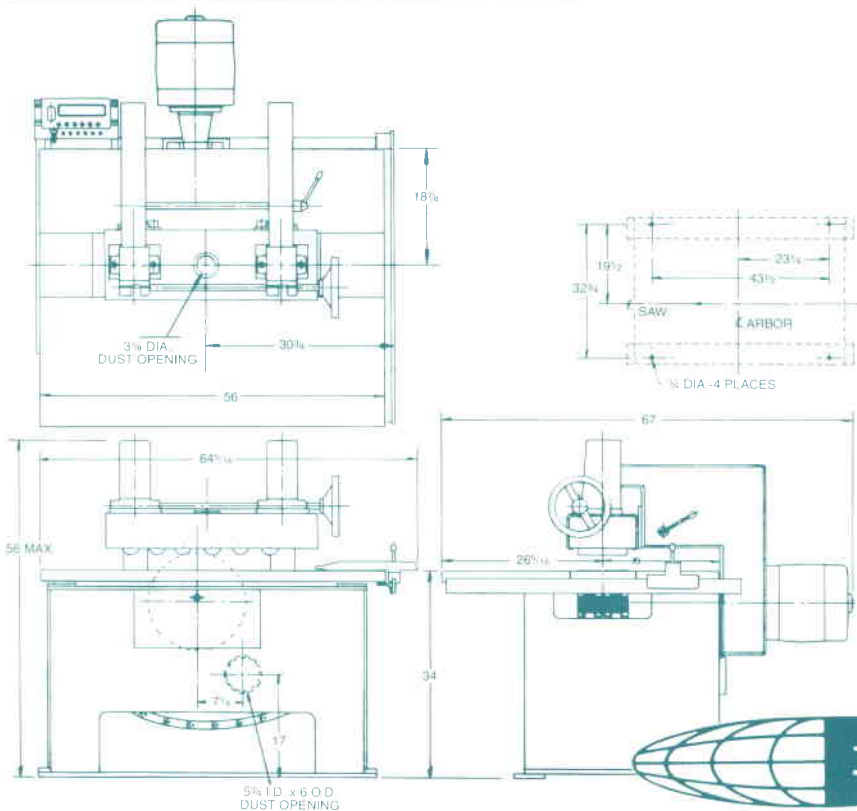
- 2 hp feed motor provides two feed speeds via belt and pulley arrangement of 55 or 110 fpm.



- Pressure rolls and center roll brackets with ball bearings. Each of the six pressure rolls made of one-piece, heavy wall tubing with precision-turned bearings journals. Carried in heavy cast iron brackets with new cast iron center roll brackets, the rolls are designed for long life and smooth, efficient service. Ball bearings provide both radial and thrust protection for the life of the saw—eliminate need for lubrication.
- Automatic trouble-free pressure lubrication system for the chain race, feed chains and chain pins. Lubricator located rear of the saw below table level for protection and easy access.
- Cast iron arbor housing—15 hp motor—fixed vertical position. (Also available in TEFC configuration.)
- 14" saw blade required to cut 6/4 material.
- 16" saw blade required to cut 10/4 material. (Maximum stock thickness.)
- Adjustable anti-kickback fingers between infeed end of pressure bar and saw table.
- Limit-switch to prevent arbor and feed motor from starting while saw pit door is open.
- 110 volt, 60 cycle, single phase electrical control circuit.

## SPECIFICATIONS

- Motor—Arbor 15 hp
- Motor—Feed 2 hp
- Voltage—220-440-550 volts 3 ph 60 cy
- Feed speeds—55 or 110 fpm
- Arbor diameter through saw—2"
- Saw blade diameter—14" or 16"
- Stock thickness—14" blade 1½"
- 16" blade 2½"
- Minimum ⅛"
- Width of table at right of saw—19"
- Width of table left of saw—26⅝"
- Length of table—56"
- Floor space—5' 7" wide x 5' 5" long
- Height of table from floor—34"
- Weight crated—3000 lbs.



**Diehl Machines**

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