

# DIEHL SL-65

## STRAIGHT LINE RIP SAW

Shown with optional  
Rod Bearing Stock Guide  
and LED Digital Readout.



Made with pride by  
an American Company  
in the USA

**Diehl's Full-Sized Rip Saw, a machine with the speed and performance to meet the most demanding applications and with guaranteed glue line accuracy. All this coupled with Diehl's legendary quality and durability.**



**DIEHL MACHINES**  
A DIVISION OF MEREEN-JOHNSON

# DIEHL SL-65

## STRAIGHT LINE RIP SAW

Over 85 years of rip saw manufacturing experience has been put to use developing the SL series of full-sized straight line rip saws. The SL-65 features a 20 HP arbor motor, vertical arbor adjustment, a maximum stock capacity of 4.25" and a 3 HP variable speed drive for maximum speeds with any stock.

Diehl's proven chain/race, spindle/arbor and pressure roll system make up the foundation for this saw that produces the industry's most accurate glue line cut, guaranteed. The Diehl SL-65 is the rip saw that you can depend on for demanding production operations.



The front view illustrates access into the electrically interlocked saw pit area, the dual anti-kickback finger system, pivoting pressure beam side guard and the standard rail mounted stock guide.

The machine's back side is shown with the arbor drive housing removed to depict the automatic arbor brake and the "Poly-Vee" arbor drive belt. Also shown are the adjustment handwheel for positioning of the saw blade for varying thicknesses of material; and the 5 HP feed chain drive assembly.

**Arbor Motor** Standard 20 HP BD (15 Kw) or Optional 25 HP DMD (18.75 Kw), 30 HP DMD (22.5 Kw), & 40 HP DMD (30 Kw)

**Feed Motor** 3 HP (2.25 Kw)

**Feed Speed** variable, 75 - 200 FPM (22 - 61 mpm)

**Stock Capacities**

Minimum Thickness 3/8" (10 mm)

Maximum Thickness

w/14" (355 mm) blade 1.5" (38 mm)

w/18" (457 mm) blade 4.25" (108 mm)

Minimum Length 12" (305 mm)

**Saw Blade Arbor Bore** 2" (50.8 mm)

**Throat Capacity\*** 19" (483 mm)

**Arbor RPM Belt Driven** 3450

**Accurate Glue Line Cut** up to 8' (2.4 m)  
(either straight or hollow)

*\*Machine also available in with 24" (610 mm) & 48" (1220 mm) throat capacities*

**Voltages Available** 208/240/480/575, 3 phase, 60 cycle  
380, 3 phase, 50 cycle  
w/110 control circuit

**Spindle Brake** automatic

**Vacuum** 1 - 6.25" (159 mm) and 1 - 3.25" (83 mm) opening  
1300 CFM (41cm) required

**Upper Anti-Kickback Fingers w/Cam Controlled Height**  
**Lower Anti-Kickback Fingers in Table**

**Dimensions** 87" (2217 mm) L x 54" (1372 mm) W x 56" (1423 mm) H (for 65-19 model)

**Weight** net 4500 lbs. (2025 kg)  
crated 4900 lbs. (2222 kg)  
crated for export shipment 5300 lbs. (2404 kg)

**Worktable Height** nominal 34" (864 mm)



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