

# DIEHL SL-35 STRAIGHT LINE RIP SAW



SL- 35 shown with optional Wise Guide

**Diehl's Mid-Sized Rip Saw, an economically priced machine with the speed and performance of large saws, with guaranteed glue line accuracy. All this coupled with Diehl's legendary quality and durability.**



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

# DIEHL SL-35

## STRAIGHT LINE RIP SAW

Over 85 years of rip saw manufacturing experience has been put to use developing the SL series of straight line rip saws. The SL-35 features a 15 HP arbor motor, vertical arbor adjustment, and a 2 HP variable speed drive that gives the capacity for higher feed speeds.

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-35 is the rip saw that you can depend on for continuous quality performance.



The front view illustrates access into the electrically interlocked saw pit area, the dual anti-kickback finger, system the pivoting pressure beam side guard and the adjustment handwheel to accommodate correct positioning of the saw blade for varying thicknesses of material.

The machine's back side is shown with the arbor drive housing cover removed to depict the automatic arbor brake.

|  |   |
|--|---|
| <b>Arbor Motor</b>   | 15 HP (11.2 Kw), 20 HP (15 Kw) optional |
| <b>Feed Motor</b>  | 2 HP (1.5 Kw)                           |
| <b>Feed Speed</b>  | variable, 50 - 140 FPM (12 - 42 mpm)    |
| <b>Stock Capacities</b>                                      |   |
| Minimum Thickness  | 3/8" (10 mm)                            |
| Maximum Thickness  |   |
| w/14" (355 mm) blade   | 1.5" (38 mm)                            |
| w/16" (406 mm) blade   | 2.55" (64 mm)                           |
| Minimum Length   | 12" (305 mm)                            |
| <b>Saw Blade Arbor Bore</b>                                  | 2" (50.8 mm)                            |
| <b>Throat Capacity</b>                                       | 19" (482 mm)                            |
| <b>Arbor RPM Belt Driven</b>                                 | 3450                                    |
| <b>Accurate Glue Line Cut</b><br>(either straight or hollow) | up to 5' (1.5 m)                        |

|  |  |
|--|--|
| <b>Voltages Available</b>                                  | 208/240/480/575, 3 phase, 60 cycle<br>380, 3 phase, 50 cycle<br>w/110 control circuit                      |
| <b>Spindle Brake</b>                                       | automatic  |
| <b>Vacuum</b>  | 1 - 6" (152 mm) and 1 - 3" (76 mm) opening<br>1250 CFM (35c mm) required                                   |
| <b>Upper Anti-Kickback Fingers w/Cam Controlled Height</b> |  |
| <b>Lower Anti-Kickback Fingers in Table</b>                |  |
| <b>Dimensions</b>  | 65" (1651 mm) L x 53" (1346 mm) W x 56" (1423 mm) H  |
| <b>Weight</b>  | net 2,750 lbs. (1250 kg)<br>crated 2,960 lbs. (1345 kg)<br>crated for export shipment 3,275 lbs. (1485 kg) |
| <b>Worktable Height</b>                                    | nominal 34" (864 mm)   |



P.O. Box 465 Wabash, Indiana 46992

260-563-2102 • Fax 1-800-228-9115 • International Fax 260-563-0206

[www.diehlmachines.com](http://www.diehlmachines.com)

[sales@diehlmachines.com](mailto:sales@diehlmachines.com)