

"Heavy-Builts"



# Hasko

*Flooring and Woodworking Machinery Since 1930*

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DESCRIPTION

(Subject to Conditions of Sale)

## Hasko SR-Series HIGH PRODUCTION GANG RIP SAWS

### FEATURES:

New **Hasko SR-Series** Heavy Duty, High-Speed Roll Feed Gang Rip Saws having 24-1/2", 30-1/2", or 36-1/2" of usable saw space via 3-1/2" diameter saw sleeve. Saw diameters required are minimum of 12" and maximum of 14". Standard machine arbor powered by a 75 H.P. 3450 R.P.M. direct-coupled motor. Arbor moves up and down via powered traverse and hand crank for quick change of saw sleeve set-up. A removable interlocked outboard bearing assembly provides support at end of arbor. Feed drive system consists of four (top and bottom infeed and top and bottom outfeed) 8" diameter rolls. Upper and lower rolls are knurled and hard chrome plated. A separate hydraulic drive motor drives each feed roll. A 30 H.P. hydraulic pump unit with reservoir and oil cooling system provides a low maintenance feed system for infinite feed speeds 150-350 lineal ft. per minute. (Speeds up to 450 feet per minute opt.) Feed rolls are air-tensioned with interlocked air-quick-release to prevent raising with arbor powered. The machine is equipped with two rows of top and one row of bottom anti-kickback fingers, with manual finger release handle. Aluminum throat plates are removable for different set-ups. Machine is equipped with all electrical push buttons, magnetic starters and controls on 110-volt control circuits for operating on 440/60/3. Front feed roll guard is control interlocked to prevent machine operation when removed. An interlocked emergency stop bar located at front infeed side of machine will shut down machine systems and activate arbor brake, when depressed by the operator.

1. Individual hydraulic motors on each feed roll ensures efficient power distribution.
2. 8" diameter chromed & knurled feed rolls to feed a wide array of poorly manufactured lumber when necessary.
3. 24", 30", 36" arbors promote a wide range of set-ups for selective ripping.
4. Arbor independently supported on rigid tubular steel beam with jack assembly for quick set-up changes.
5. Removable outboard bearing assembly on arbor to provide support and facilitate sleeve removal.
6. Unique center holdown beam/chipbreaker to minimize board chatter and kick-back.
7. Maintenance friendly design utilizes only three common bearing sizes.
8. Exclusive jam-freeing **Quick-Clear™** to stop/open/clear/return/run ---in a minute or less.
9. Built in 8" diameter dust chutes for efficient waste evacuation.
10. Operator control panel mounted at eye level. 120 VAC control circuit.

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**MACHINE SAFETY, GUARDING, OSHA - Subject to Conditions of Sale**

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## SR-Series Gang Rip Saws

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### FEED DRIVE SYSTEM:

**Hasko SR-Series** Gang Rip Saws employ four 8" diameter chromed and knurled feed rolls each with a separate hydraulic motor supplied with a 30 H.P. (40 H.P. optional) Bosch Fluid Power Unit to produce an efficient and powerful feed drive system. There are no expensive components such as dip chains, sprockets, and gears to wear out. Upper rolls are provided with pneumatic tension to feed a wide array of poorly manufactured lumber when necessary and to provide the exclusive **Hasko Quick-Clear™** jam-freeing feature when activated. Standard variable feed rates 100-350 FPM (optional 250-450 FPM).

### ELECTRICAL:

One main electrical panel 460/60/3 phase standard with fuses. Operator control panel mounted at eye level. 120 VAC control circuit. Emergency stops and guard interlocks. Interlocked emergency stop bar located at front infeed side of machine will shut down the system and activate the arbor brake, when depressed by operator. Interlocked upper rolls prevent raising while under power.

### OPTIONAL OPTIMIZING INFEED TABLE:

The **Hasko HSLS High Speed Laser Scanning System** with optional Bow-Busting is a simple but robust and cost effective width optimizing option that can improve your overall yield and lumber utilization while obtaining optimum production. While specifically designed for use with a **Hasko SR-Series** Gang Rip Saw and **HSRF** Shifting Guide Infeed system, the **HSLS** will easily integrate with other ripping systems. This system is ideal for manufacturers of hardwood flooring, lineal mouldings, dimension, and other rip-to-size operations.

The system consists of: (1) Optional board dealer, (2) High-speed heavy-built scan conveyor, (3) Intermediate board stop, (4) Light curtain style of laser scanner with alignment guide at second board stop, (5) Servo-positioned array of laser lines to display solutions, and (6) Touch screen interface used for data reporting and programming. An optional busting saw can be included to reduce loss due to side bow. This scanner is generally to optimize boards for an infeed table with servo-driven guide and straight line fixed arbor gang saw.

This is one of the simplest rip optimizing systems available in the industry and will provide accurate solutions for any arbor stack up. The software is both user friendly and versatile. The software settings are matched to the hardware at the factory leaving only a few operational settings to be programmed into the system by the operator. All data entry and changeovers are quick and easy via the systems touch screen.

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## SR-Series Gang Rip Saws

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### SR-24, SR-30, and SR-36 Gang Rip Saws SPECIFICATIONS:

(Updated: 2/26/03)

#### MOTOR SPECIFICATIONS (ALL MODELS):

Arbor Motor (Direct Coupled by Lovejoy SureFlex)	75 H.P. 3450 RPM Std. (100, 125, and 150 H.P. Opt)
Arbor Braking System	Disc and Caliper, Air Actuated & Via E-Stop
Hydraulics Motor	30 H.P. TEFC Standard (40 H.P. Optional)
Hydraulics Reservoir	80 Gallon, 29.1 GPM @ 1750 PSI
Hydraulics Cooling	1/4 H.P. Fan Heat Exchanger
Electrical Panel	NEMA Standards, Premounted, Fused (Standard)
System Electrical Requirements	460 Volt-60 Cycle-3 Phase Standard (Others Optional)

#### FEED DRIVE SYSTEM (ALL MODELS):

Number of Powered Feed Rolls	Four, 8" Diameter, Chrome Plated and Knurled
Feed Roll Power Transmission	Individual Hydraulic Motors on Each Roll
Upper Feed Roll Tensioning	Pneumatic, With Interlock to Prevent Raising Arbor
Feed Speed	100 - 350 FPM (Standard) 250 - 450 FPM (Optional)

#### TOOLING (ALL MODELS):

(Tooling is optional --- See saw spacer worksheet)

Saw Size	12" -14" O.D. x 3-1/2" Bore
Sleeve Size	2-3/8" Bore x 3-1/2" O.D. (keyed sleeve optional)
Saw Spacers	3-1/2" Bore x 6-1/2" O.D. (keyed spacers optional)

#### CAPACITIES:

ITEM:	SR-24	SR-30	SR-36
Thickness	1/4" - 2-1/2"	1/4" - 2-1/2"	1/4" - 2-1/2"
Shortest Material	27"	27"	27"
Useable Saw Space	24-1/2"	30-1/2"	36-1/2"
Widest Board Width that will pass through machine	27"	34"	39"
Estimated Weight (Less Hydraulic Unit)	8,800 #	9,500#	11,500#
Machine Area (Length x Width x Height)	68"x 79"x 69"	68"x 85"x 69"	68"x 91"x 69"
Foot Print (Length x Width)	52-1/4"x 46-1/4"	52-1/4"x52-1/4"	52-1/4"x58-1/4"
Bed Size (Length x Width)	68" x 37"	68" x 42"	68" x 48"