

Northtech SL-1000XL



- Precision milled saw arbor is mated with high class angular contact bearings, providing a highly accurate and vibration-free cutting environment. The proven dependability, tolerances and durability of the precision bearing system outperforms many rip saws at much higher selling prices.
- New outrigger work support station improves secondary ripping efficiency and increases cutting accuracy of plywood and glue panels.
- Three feeding speeds allow matching to any shop requirements. Feed changeover takes less than a minute if required. Simple design and engineering provides affordable investment cost.

- Robust cast iron and steel construction ensure years of trouble free performance and accuracy.
- A precision chain and race guide system with integration of 6 independent holddown rollers guarantee a repeatable 5' glue line.
- Small machine footprint permits use by smaller custom companies, but manages an excellent choice for manufacturing work cells or secondary ripping requirements.
- The 1000 series warrants 8 hours per day usage.
- Comprehensive guarding ensures maximum operator safety. New bottom row of kickback fingers adds additional protection to top row fingers (2 sets). Swing away side guard flows easily for wide lumber ripping.
- Automatic lubricator is standard with low-oil shutoff mode and alert light protecting precision chain race components.
- Precision quick set fence system with 3-1/4" solid steel guide rail facilitates glue line cutting and quick set defect cutting of short parts. Fence is milled of premium grade cast iron materials.
- Convenient location of control panel is a standard to 1000 series, but normally only found on more expensive rip saw series.
- All electricals are UL/CE approved.

Northtech Industrial Ripsaws NT-SL1000XL



PRECISION CONVEYOR CHAIN AND GUIDE RAILS

The chain blocks are diamond cut, precision machined and heat treated for positive lumber feeding. Expect years of glue line accuracy from these highly engineered components forged and cut from the best possible steel and cast iron.

SOLID STEEL CYLINDRICAL GUIDE RAIL AND QUICK CAM CYSTIRAL IRON FENCE

Ensures accurate setup, quick movement, dust free operations.



ADJUSTABLE HOLD-DOWN ROLLERS

The holddown rollers can be adjusted on either side, ensuring that parallel accuracy can be maintained even after long-term heavy operation. The highly engineered roller holddown beam not only improves cutting accuracy (5" glue line), but more importantly firmly pressures the lumber, eliminating vibration and in turn potential kickback hazards.



OUTFEED PRESSURE PLATE

The outfeed holddown (pressure plate) helps to eliminate vibration on lumber ends and increase operator safety.

SWING DOWN REAR TABLE

Avoids possible damage to the machine by preventing short work pieces and defective lumber from accidentally sliding between the chain and the table when they are fed to the end.

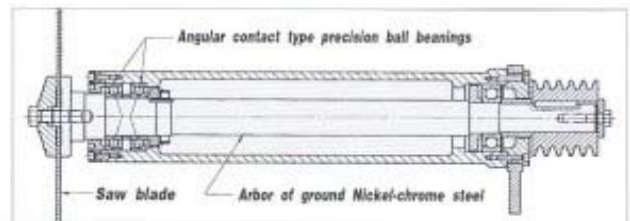
SOLID CHAIN BLOCK ASSEMBLY

One piece construction of chain pads which are mated together via a precision link pin makes the 1000 series rip saw both highly accurate and simple to maintenance after thousands of hours of heavy usage. Chain and race replacement is both simple and easily afforded.



SAFETY FOR OPERATOR

Two upper sets of anti-kickback fingers and one lower set of anti-kickback fingers are positioned at the front and side plate to guarantee safe operation. Constant attention to improved rip saw safety make the 1000 series unsurpassed at any price level in innovative safety designs.



PRECISION-BUILT SAW ARBOR MOUNTING

Made of nickel-chrome steel, large in diameter, accurately ground and dynamically balanced. It runs on precision angular contact type ball bearings which eliminate any radial run out and axial thrust.

24V LOW VOLTAGE CONTROLS

The electrical control system uses a low 24 volts for added safety.



SAW ARBOR IS HIGH FREQUENCY HARDENED

Blade clamping flange is precision machined from solid material instead of friction-welded material. This precision milled and dynamically balanced arbor guarantee years of trouble free operations and glue line accuracy.



DIGITALLY-CONTROLLED LUBRICATOR FOR LINK CHAIN

The central lubrication system ensures a permanent oil film between the chain and the guide way. It varies the oil volume according to the cutting requirements of various kinds of wood. If there is insufficient oil in the oil tank, the warning lamp lights up, and the chain system automatically shuts down. This fully ensures the service life of the feed chain and race.



TABLE EXTENSION

The extendable side roller table provides firm support and easy movement when ripping large panels, and also improves the efficiency of secondary ripping requirements.

SPECIFICATIONS:

Model	NT-SL1000XL
Minimum working length	8" (200 mm)
Maximum thickness	3.35" (85 mm)
Distance between saw and column	13.75" (350 mm)
Saw arbor motor	7 1/2 HP or 10 HP (3 phase)
Saw arbor speed	4500 rpm
Saw blade diameter	8"-12" (Ø200-300 mm)
Saw arbor diameter	1" (Ø25.4 mm)
Feed motor	1 HP
Feed speed	50, 65, 82 ft/min
Number of holding rollers	6
Work table height	30" (760 mm)
Table area (W x L)	30" x 50" (760 x 1270 mm)
Overall dimensions (W x L x H)	38" x 60" x 53"
	(960 x 1530 x 1350 mm)
Shipping dimensions (W x L x H)	45" x 59" x 58"
	(1150 x 1500 x 1480 mm)
Net weight	2070 lbs (941 kgs)
Gross weight	2510 lbs (1141 kgs)

● We reserve the right to amend any of the above specifications without prior notice.