

RL-8500XLT



Brake Lathe

SKU# 5150080

Super-Duty Combination Disc/Drum Brake Lathe with Bench and Standard Tooling

Ranger Heavy-Duty RL-8500XLT Combination Brake Lathe

The heavy-duty RL-8500XLT [brake lathe](#) from Ranger features an extended capacity spindle and can turn a drum that's up to 10" deep. The longer spindle and the relocated rear bushing provide the RL-8500XLT arbor with enough support to handle your heaviest drums, rotors and flywheels.

The durably crafted RL-8500XLT brake lathe resurfaces brakes quicker and more precisely than any other lathing unit on the market today. Like the RL-8500, the RL-8500XLT features unlimited feed rate settings, allowing the user to modify resurfacing rates with an easy turn of the dial. Now you can decrease or amplify the cut duration for the perfect finish, whether you're rushing through the first rough cut or performing a single-pass micro-finish. The RL-8500XLT brake lathe is the total package.

Specifications

Motor Drive Unit	115 - 230 VAC, 50 - 60 hz, 1 Ph, 20 amp
Max Rotor Thickness	2.5" (64 mm)
Max Rotor Diameter	17" (432 mm)
Brake Drum Diameter	6" - 28" (152 mm - 711 mm)
Max Load with Standard 1" Arbor	150 lbs. (68 kg)
Max Load with Optional 1-7/8" Truck Arbor	250 lbs. (113 kg)
Spindle Travel	9-7/8" (248 mm)
Spindle Speed	150 rpm - 200 rpm
Cross Feed Speed	(∞) 0 - .010" per revolution / 0 - 0.25 mm per revolution
Spindle Feed Speed	(∞) 0 - .020" per revolution / 0 - 0.55 mm per revolution
Overall Mounted Height	62" (1,575 mm)
Spindle to Floor (Mounted)	39.5" (1,003 mm)
Required Floor Space (W x D)	53" x 36" (1,347 mm x 914 mm)
Shipping Weight w/ Bench & Tools	720 lbs. (327 kg)



Features

- Extended capacity spindle can be used on brake drums 10" deep
- Rear bushing location provides extra support for the arbor
- Capable of truing even the heaviest drum rotors
- RL-8500XLT uses precision electric DC servo motors designed to meet the demanding requirements of industrial motion control
- Quick-Change Adapter-Plus system with built-in springs eliminates the need for conventional bell clamps and cones
- Works on all cars or trucks, both foreign and domestic, with hubless drums, rotors (center hole sized 2-5/32" - 4") and composite rotors (center hole sized 4" - 6-1/4")
- Precision twin cutter tools and a quick drum-to-rotor changeover