

Bright Tire Changer Comparison

Bright offers tire-changing solutions ranging from straightforward automotive rim-clamp machines to advanced leverless systems and dedicated heavy-duty truck tire changers. Use the comparison below to determine which model best matches your typical wheel sizes, tire types, service volume, and shop requirements.

Quick Model Guide				
Model	Best Suited For	Current Price	Key Advantage	Assist Arm Available
Bright GT850S	General Automotive Service	C\$1,795	Affordable 49" wheel capacity	Yes – PL330 available
Bright 890N	Automotive / Low-Profile Tires	C\$2,595	Upgraded bead breaker and reinforced clamping	Yes – 240 assist arm available
Bright 8630	Large Wheels / Low-Profile Tires	C\$5,095	30" rim capability and variable-speed operation	Yes – dual upper assist arms available
Bright GT889N	High-Volume Professional Shops	C\$5,495	Heavy-duty construction and dual assist capability	Yes – dual assist arms available
Bright 897V	Premium / Performance Tire Service	C\$8,595	Leverless center-post design	Yes – helper arm system available
Bright LC557	Heavy-Duty Truck & Bus Tires	Contact for Pricing	63" tire capacity and 2,205 lb wheel capacity	No

Detailed Comparison						
Specification	GT850S	890N	8630	GT889N	897V	LC557
Current Price	C\$1,795	C\$2,595	C\$5,095	C\$5,495	C\$8,595	Contact for Pricing
Primary Application	Automotive	Automotive	Automotive / Large Wheels	Heavy-Duty Automotive	Premium Automotive	Truck / Bus / Commercial
Outside Clamping Range	12" - 23"	11" - 24"	13" - 28"	13" - 24"	Center-Post System	Not Applicable
Inside Clamping Range	10" - 20"	13" - 26"	15" - 30"	15" - 28"	Center-Post System	Not Applicable
Rim Range	Up to 23"	Up to 26"	Up to 30"	Up to 28"	12" - 30"	13" - 26"
Maximum Wheel / Tire Diameter	49" / 1250 mm	49" / 1250 mm	49" / 1250 mm	43.31" / 1100 mm	43.31" / 1100 mm	63" / 1600 mm
Maximum Wheel / Tire Width	16" / 400 mm	13"	15" / 380 mm	14"	14"	31" / 800 mm
Maximum Wheel Weight	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified	2,205 lbs / 1000 kg
Bead Breaking Force	Not Specified	2,500 kg	Not Specified	2,800 kg	2,800 kg	Hydraulic Bead-Breaking Disc
Working Pressure	8 - 10 bar	8 - 10 bar	8 - 10 bar	8 - 10 bar	8 - 10 bar	Hydraulic System
Motor Power	0.75 / 1.1 kW	0.75 / 1.1 kW	0.85 kW	0.75 / 1.1 kW	0.75 / 1.1 kW	1.5 kW Hydraulic Pump
Rotation Speed	6 RPM	6.5 RPM	0 - 13 RPM	6.5 / 13 RPM*	6.5 / 13 RPM*	Single or Double Speed Configuration
Assist Arms Available	Yes	Yes	Yes	Yes	Yes	No
Assist System	PL330 Left Assist Arm	240 Assist Arm	Dual Upper Assist Arms	Dual Assist Arms	Right-Side Helper / Pressing Roller System	Not Applicable
Low-Profile Tire Capability	Yes – assist arm recommended	Yes	Yes	Yes	Yes	Not Applicable
Run-Flat Tire Capability	Yes – assist arm recommended	Yes	Yes	Yes	Yes	Not Applicable
Leverless Operation	No	No	No	No	Yes	No
Center-Post Clamping	No	No	No	No	Yes	Hydraulic Self-Centering Chuck
Hydraulic Operation	No	No	No	No	No	Yes
Heavy Truck Capability	No	No	No	No	No	Yes

*Rotation Speed: Higher-speed operation on applicable Bright models may depend on the electrical configuration supplied.

Model Breakdown

Bright GT850S C\$1,795 CAD Best For: General automotive tire service The GT850S provides a straightforward and affordable entry into the Bright professional tire changer lineup. Its 49" maximum wheel diameter and 16" wheel width capacity make it suitable for a wide variety of passenger vehicle, SUV, and light-truck applications. 49" maximum wheel diameter 16" maximum wheel width 10"–20" inward clamping 12"–23" outward clamping 6 RPM turntable - PL330 assist arm available	Bright 890N C\$2,595 CAD Best For: Automotive shops servicing modern low-profile tires The 890N steps up from a basic tire changer with a reinforced clamping system, upgraded bead breaker, heavy-duty hex shaft, and available assist-arm capability. 11"–24" outside clamping 13"–26" inside clamping 2,500 kg bead breaking force 49" maximum wheel diameter - Designed for low-profile and run-flat applications 240 assist arm available
Bright 8630 C\$5,095 CAD Best For: Large wheels and demanding tire applications The 8630 offers one of the widest rim ranges in the Bright lineup, with capacity for rims up to 30". Stepless speed control and 1,200 N·m of rated torque make it well suited to larger and more demanding tire assemblies. - Up to 30" inside clamping capability 49" maximum wheel diameter 1,200 N·m rated torque 0–13 RPM variable speed - Large working area - Dual upper assist arms available	Bright GT889N C\$5,495 CAD Best For: High-volume professional tire shops The GT889N focuses on durability and demanding daily use. Its reinforced cabinet, heavy-duty column, 55 mm horizontal shaft, and high-capacity bead breaker make it a strong fit for shops frequently handling run-flat, low-profile, and oversized tire assemblies. 2,800 kg bead breaking force - Heavy-duty 55 mm horizontal shaft - Reinforced vertical column 200 mm integrated air tank - Dual assist arms available - Designed for high-volume professional use
Bright 897V C\$8,595 CAD Best For: Premium, performance, and specialty wheels The 897V is the most advanced automotive tire changer in the Bright lineup. Its center-post clamping design and pneumatic leverless system reduce reliance on traditional rim-clamping jaws and tire irons when working with expensive or specialty wheels. 12"–30" rim range - Leverless mounting and demounting - Center-post wheel clamping 2,800 kg bead breaking force - Tire lifter system - Helper-arm pressing roller system available	Bright LC557 Contact for Pricing Best For: Heavy-duty truck, bus, and commercial wheels The LC557 is fundamentally different from the automotive Bright machines. It is a hydraulic truck tire changer designed for large commercial wheel assemblies that cannot be handled by a conventional rim-clamp tire changer. 13"–26" rim capacity 63" maximum tire diameter 31" maximum tire width 2,205 lb maximum wheel weight - Hydraulic self-centering chuck - Hydraulic bead-breaking disc

Find the Right Bright Tire Changer		
If You Need...	Model to Consider	Why
An affordable professional automotive tire changer	GT850S	Low entry price with 49" wheel capacity and available assist arm.
More capability for run-flat and low-profile tires	890N	Stronger bead breaker, reinforced clamping and available assist arm.
Large 28"–30" wheels	8630	Up to 30" inside clamping range and variable-speed operation.
A heavy-duty machine for a busy automotive tire shop	GT889N	Reinforced construction, high bead-breaking force and dual assist capability.
Maximum protection for premium and specialty wheels	897V	Leverless system and center-post wheel clamping.
Truck, bus, or heavy commercial tire service	LC557	Dedicated hydraulic truck tire changer with 63" tire capacity.

At-a-Glance						
Model	Automotive	Low Profile	Run Flat	30" Rim Capability	Leverless	Heavy Truck
GT850S	Yes	Yes*	Yes*	No	No	No
890N	Yes	Yes	Yes	No	No	No
8630	Yes	Yes	Yes	Yes	No	No
GT889N	Yes	Yes	Yes	No	No	No
897V	Yes	Yes	Yes	Yes	Yes	No
LC557	No	Not Applicable	Not Applicable	No	No	Yes

*GT850S Low-Profile / Run-Flat Use: The GT850S can service difficult automotive tire applications within its stated dimensional capacity. The available PL330 assist arm is recommended where additional bead control is required.

Understanding the Differences

Assist Arms
Assist arms help control stiff tire sidewalls and keep the bead positioned within the drop centre of the rim during mounting and demounting. They are especially useful for low-profile, run-flat, and other difficult tire assemblies.
Where listed above, assist arms are described as available . Availability does not necessarily mean that the accessory is included with every machine configuration.

Traditional Rim-Clamp vs. Center-Post
The GT850S, 890N, 8630, and GT889N use traditional self-centering rim-clamp systems. The 897V instead uses a center-post design intended to reduce contact with the rim while providing additional protection for premium wheels.

Automotive vs. Heavy-Duty Truck Tire Changers
The LC557 is not a larger version of a conventional automotive tire changer. Its hydraulic chuck, bead-breaking disc, 63" tire capacity, and 2,205 lb wheel capacity are specifically intended for large truck, bus, and commercial wheel assemblies.

Specification Note: Specifications and available configurations may change without notice. Electrical requirements can vary by model and configuration. Always verify the machine identification plate and current product documentation before installation. Prices shown are current comparison prices and may be subject to change.