

Power Curbers INC.

Our Commitment Shows

150 Extruder



About Power Curbers

Our Commitment Shows

Power Curbers was established in 1953 and has been the leader in extruded curb and slipform machines for more than 60 years. Owned by the same family since it was founded, Power Curbers is based in Salisbury, NC, but has customers in over 90 countries.



Power Curbers Salisbury, NC, USA, manufacturing facility.

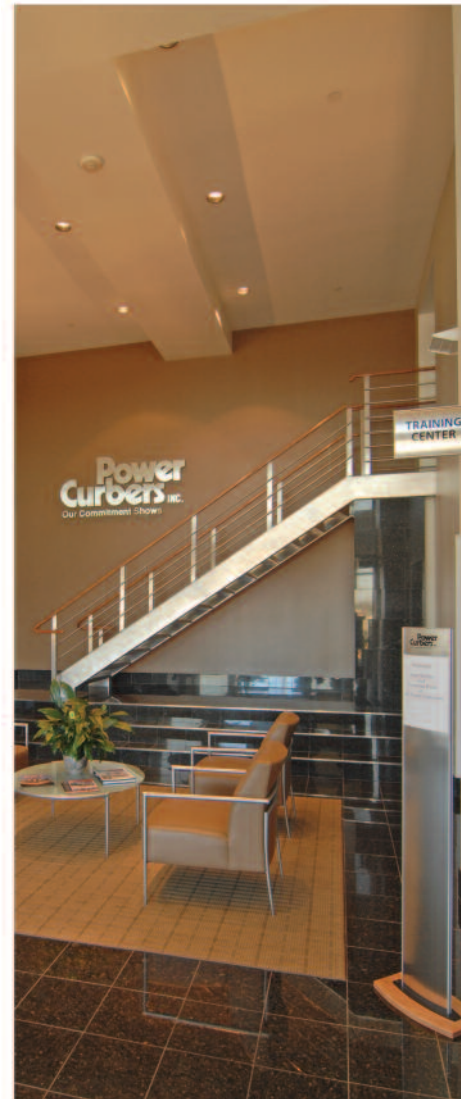
After operating out of the same building for 40 years, Power Curbers moved into a new manufacturing facility in late 2007. In this space, the company embraces the latest innovations in lean manufacturing, cutting waste and improving response to our customers. With over 90,000 square feet (8,370 square meters) at this facility, Power Curbers is positioned for growth.

In addition to expanded manufacturing capabilities, the factory contains a state-of-the-art training center for customer use. Each winter, hundreds of Power Curber owners, operators, and mechanics learn new ways to make their machines more productive.

Power Curbers also prides itself on same-day parts shipments, expert molds knowledge, and quick responses by our product support team.



Power Curbers has been recognized with many manufacturing awards over the years, including the US Department of Commerce's E-Award for excellence in exports.



Welcome to Power Curbers.



Training Center at Power Curbers manufacturing facility.

Industry Leading Experience

Maximizing Productivity with Extruded Curb

Power Curbers pioneered the extruded curb concept in the early 1950s and has been building extruders for over 60 years.

For jobs that require less expensive scab-on curb, the 150 extruder is ideal.

The mix is fed into the hopper either directly from the truck chute or by wheelbarrow, and is then extruded through a specially-designed mold. The result is a free-standing, structurally sound curb with a smooth finish.

Extruded curb is best placed on top of existing pavement or on a smooth, flat, 95% compacted sub-grade. The 150 extruder can be used for either concrete or asphalt curbs.

▲ Powerful Engine

The 21-horsepower Honda engine gives you plenty of power to handle hills and curves in parking lots or along streets.

▲ Easy Controls

The 150 features an electric start with the throttle control mounted on the steering handle for easy access from the front of the machine. The steering handle ensures smooth control and easy guidance of the machine from the left- or right-hand position.

▲ Simple Design

The 9 pneumatic tires and 3 lifting jacks make steering and adjusting on the job easy to do. For pouring over an adhesive or for inserting rebar, simply shift the front wheels to the side.

▲ Molds

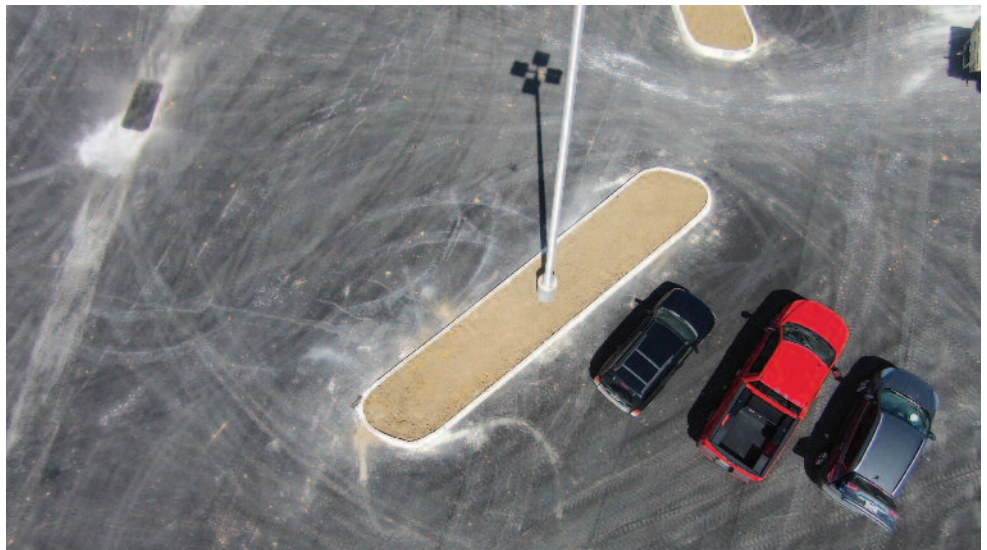
The 150 can handle molds up to 12" (30 cm) wide and 12" (30 cm) tall. Choose from one of our stock profiles or contact our mold engineers to customize a mold to meet your requirements.



Curves and hills are no problem for the 150.



The standard hollow-shaft auger can be used for feeding longitudinal rebar through the mold.



Best used on existing pavement, the 150 is ideal for parking lot work.



The 150 can be used to pour either concrete or asphalt curb. The pneumatic tires (left) are standard. The hard rubber wheels (right) are an option.



For jobs that require less expensive scab-on curb, extruded curb can be the ideal solution.



The extrusion process propels the machine forward.



The 150 is easy to operate; one person steers while another ensures that the concrete or asphalt is reaching the auger.



Three lifting jacks make adjusting on the fly quick and easy.



Using a chalk or paint line on the ground as a guide, the operator has a clear view of the path in front of the machine.



The 150 can pour clean, straight curb on a subgrade of 95% compaction, or on existing pavement.

Unique Applications

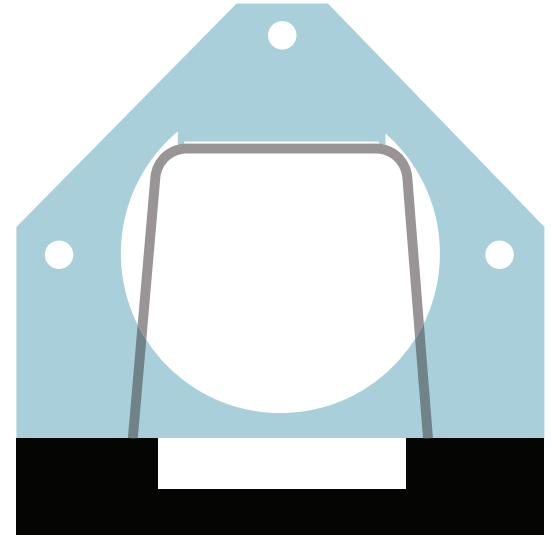
150 Extruder Adapts to Your Job



The front wheels of the 150 can be shifted to allow the machine to pour over a trench.



Trench curb can easily be poured with the 150 extruder.



The width of the trench must be less than the width of the mold.

▲ Trench Curb

In some applications, you may need to extrude curb over a trench. This is done to help secure the concrete curb to the subgrade on which it is being poured. This can be done easily with the 150, as long as the width of the trench is less than the width of the curb mold.

Some operators pour trench curb in one pass, with the trench filling as the curb is formed. Others fill the trench first and then extrude the curb on top of it while the concrete in the trench is still wet. Either method will result in curb that is securely anchored.

Pouring over a trench requires that the forecarriage on the machine be shifted to the side to allow the wheels to run beside the trench.

▲ Pouring Over Pins

The 150 can be used to pour over steel reinforcing pins or dowels embedded in the asphalt subgrade. This type of reinforcement helps anchor scab-on curb onto the asphalt.

This requires modifications to both the machine and mold, and pin height is limited by the height of the mold.

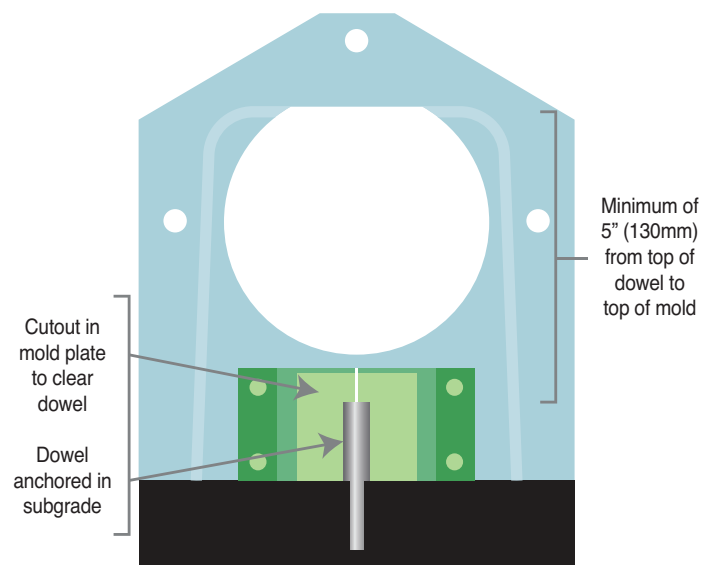
The mold must be designed with a slot to allow the pins to pass through the mold during pouring.

▲ Other Methods of Adhering to Subgrade

Some contractors use construction adhesives to give their extruded curb extra hold onto the pavement surface.

Another common tack technique is to use emulsified asphalt painted or poured onto the asphalt surface in front of the machine while pouring.

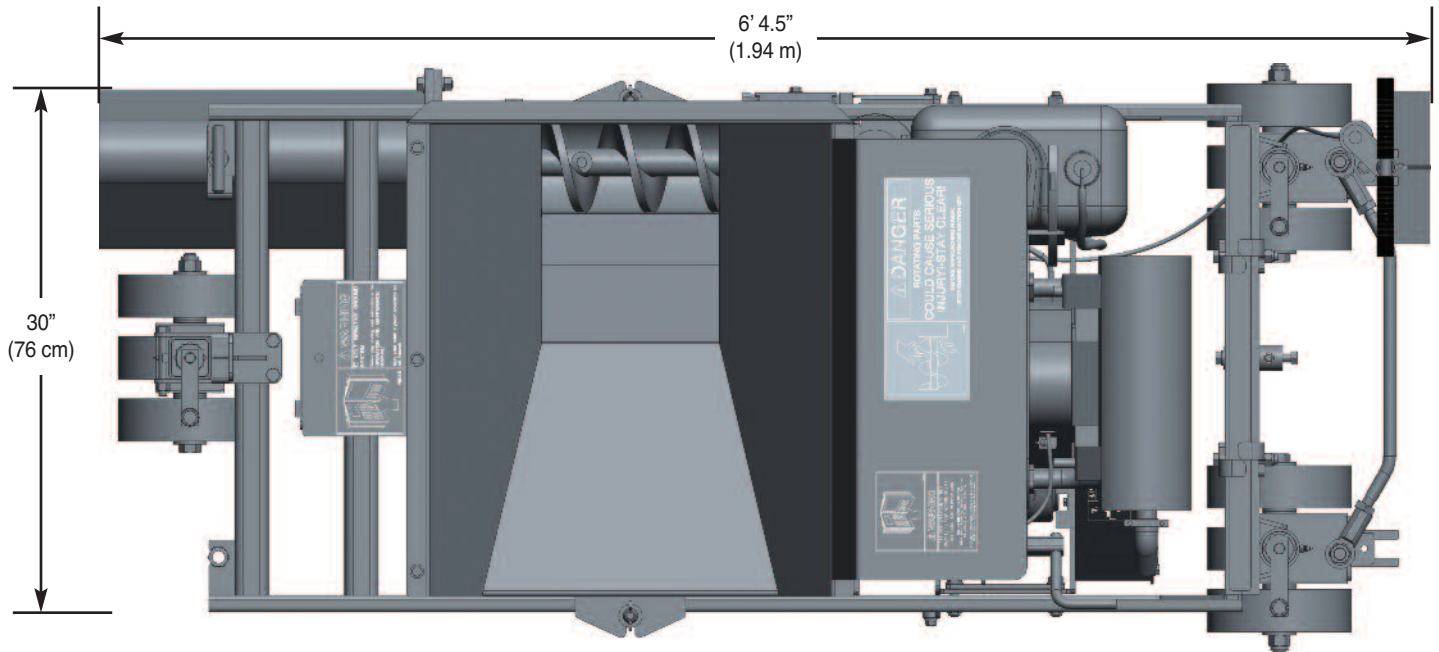
Still another way to secure your curb is to pound dimples into the subgrade and then extrude the curb over the dimples.



The maximum dowel height is the height of the mold minus the diameter of the auger, minus one inch (25 mm). There must be a minimum of 5" (130 mm) from the top of the dowel to the top of the mold.

150 Extruder

Specifications & Options



▲ Engine

Type: Honda GX630R, 4-cycle air-cooled, engine guard
Power: 21 HP (15.5 kW) @ 3600 RPM

▲ Drivetrain

- Centrifugal clutch with V-belt drive and chain-driven auger
- Single auger drive with compaction chamber

▲ Controls

- Electric start with heavy-duty battery
- Throttle control mounted on steering handle

▲ Steering & Elevation

- High-flotation design with 9 pneumatic tires and 3 lifting jacks
- Option:** Hard rubber wheels in lieu of pneumatic tires

▲ Auger

- 6" hollow-shaft steel auger with 5/8" interior dimension. Can be used for feeding longitudinal rebar through the mold (3/8" [10 mm] maximum rebar diameter). One spare auger is included.
- Options:** 5" hollow-shaft steel auger, for small profile molds; 6" cast auger (solid shaft). Spare augers available in all sizes.

▲ Mold

- 1 curb mold included
- Options:** Extra molds available

▲ Paving Specifications

Paving Speed (Maximum): 25 feet/minute (7.6 m/min)
Curb Width: 12" (30 cm) maximum
Curb Height: 12" (30 cm) maximum
Clearance: Within 1" (2.5 cm) of obstructions
Radius (minimum): 24" (60 cm)

▲ Hopper Capacity

- 4 cubic feet (0.1 cubic meters)

▲ Dimensions

Length: 6' 4.5" (1.94 m) with steering handle upright (8' 5" with steering handle in the brake position)
Width: 30" (76 cm)
Height: 32.5" (83 cm)
Weight: 725 lbs (329 kg)

▲ Other Optional Equipment

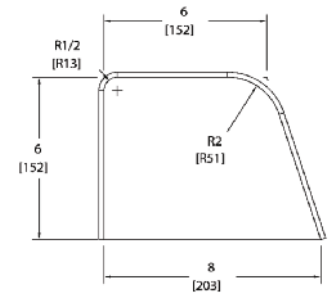
Dual-side Pouring: Second mold, auger, housing, compaction chamber, and shaft for left- or right-side extrusion

Stock Molds

We stock a variety of commonly used molds for quick ordering or send us a drawing of your mold requirements.

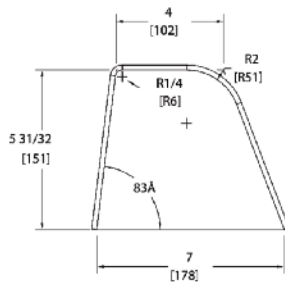
MOLD NUMBER 15-381-L

ESTIMATED YIELD
84.5 ft/yd
33 m/cu m



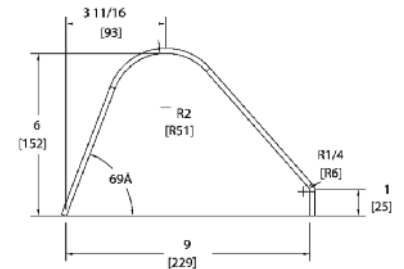
MOLD NUMBER 15-011-L

ESTIMATED YIELD
107.5 ft/yd
42.8 m/cu m



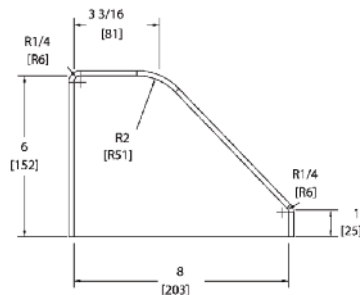
MOLD NUMBER 15-C-L

ESTIMATED YIELD
97 ft/yd
39 m/cu m



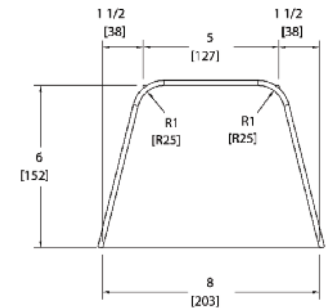
MOLD NUMBER 15-019-L

ESTIMATED YIELD
97 ft/yd
39 m/cu m



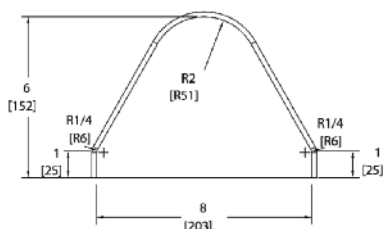
MOLD NUMBER 15-D-7-L

ESTIMATED YIELD
90 ft/yd
36 m/cu m



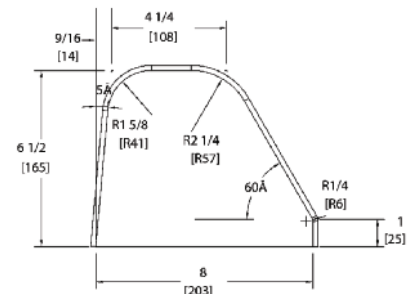
MOLD NUMBER 15-070-L

ESTIMATED YIELD
103 ft/yd
41.5 m/cu m



MOLD NUMBER 15-K-L

ESTIMATED YIELD
96 ft/yd
38.4 m/cu m



Power Curbers Family Of Products

Your Single Source for all your Concrete Paving Needs



▲ 5700-C Slipform Curb Machine



▲ Power Curbers 150 Extruded Curb Machine



▲ Power Pavers SF-2700 and SF-3000 Slipform Pavers



▲ Power Pavers FP-2700 and FP-3000 Form Riding Pavers



▲ Power Pavers PS-2700 and PS-3000 Belt Placer/Spreaders



▲ Power Pavers TC-2700 Texture/Curing Machine



▲ Anvil American Stringline Accessories

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