

OVER 50 YEARS OF SERVICE TO THE INDUSTRY

# Broce Broom

## THE LEADER 350 Series



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**ASK YOUR  
NEAREST BROCE  
DEALER FOR A  
DEMONSTRATION  
TODAY!**

  
RCT-350



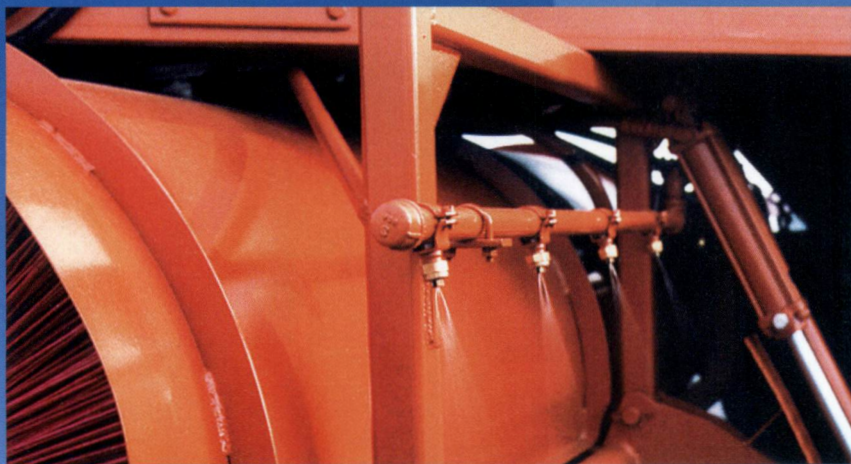
## OPTIONAL CURB SWEEPER



## EASY TO OPERATE WITH CONTROLS AT OPERATOR'S STATION

The Broce Curb Sweeper is a special option available on all 4-wheel model Broce Brooms. This attachment has been designed to help clean in places that are tough to reach and are outside the sweeping radius of the main broom core.

The Broce Curb Sweeper features a 27" diameter brush, heavy-duty construction, a reversible hydraulic motor and hydraulically operated float and down pressure for heavy sweeping.

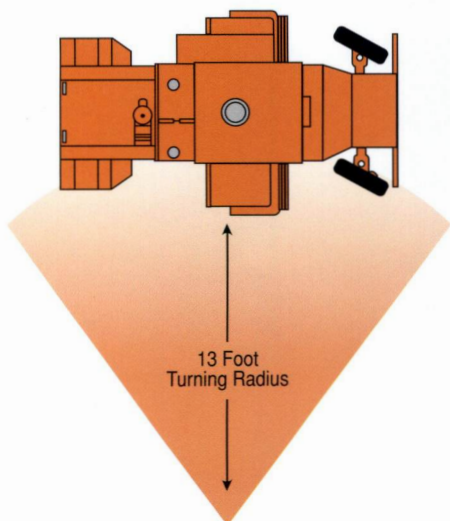


## WATER SPRAY SYSTEMS DUST CONTROL WHEN YOU NEED IT



## KEEP THE DUST TO A MINIMUM FOR CONVENIENCE AND SAFETY

Our 150 gallon rust proof water spray system consists of a low profile polyethylene tank, 2.1 gpm electric pump, strainer filter and 8 spray nozzles to control excessive dust with the push of a button. This system also includes a back flow valve to prevent tank drainage when not in use.



With our compact wheel base, the Broce Broom offers better maneuverability for working in tight places.

## EXCLUSIVE

Joystick broom control with easy access from operator's station.



## OPTIONAL Suspension seat.







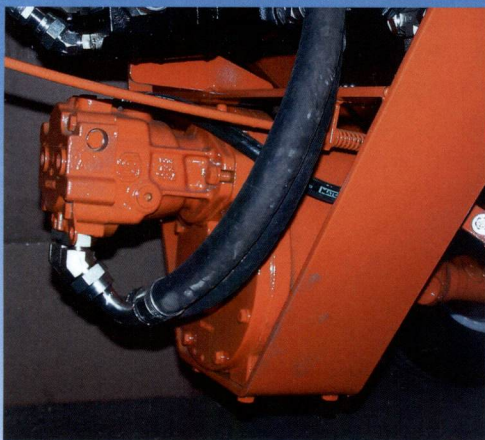
## ENGINE MAINTENANCE & EASE OF ACCESSIBILITY

The enclosed engine cover is standard equipment on all Broce Brooms. Tilt back cover design offers maximum accessibility and ease of maintenance.



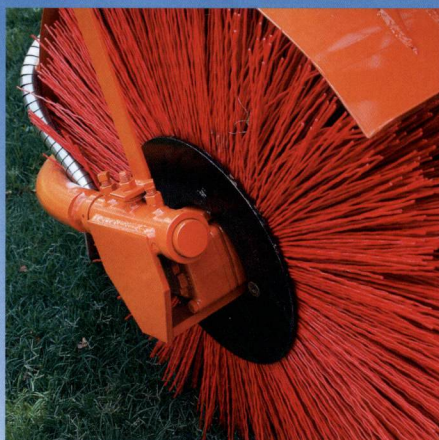
## STANDARD

Front Disc Brakes



## HYDROSTATIC DRIVE WITH 2 SPEED GEAR BOX

All Broce Brooms are supplied with our unique hydrostatic drive train with a hot oil shuttle built into the drive motor for continuous oil flow back to the cooler.



## DIRECT DRIVE CORE MOTOR

Broce uses a Danfoss HD High Torque Motor with two roller bearings designed for high side loads. Now a full 8 ft. brush.



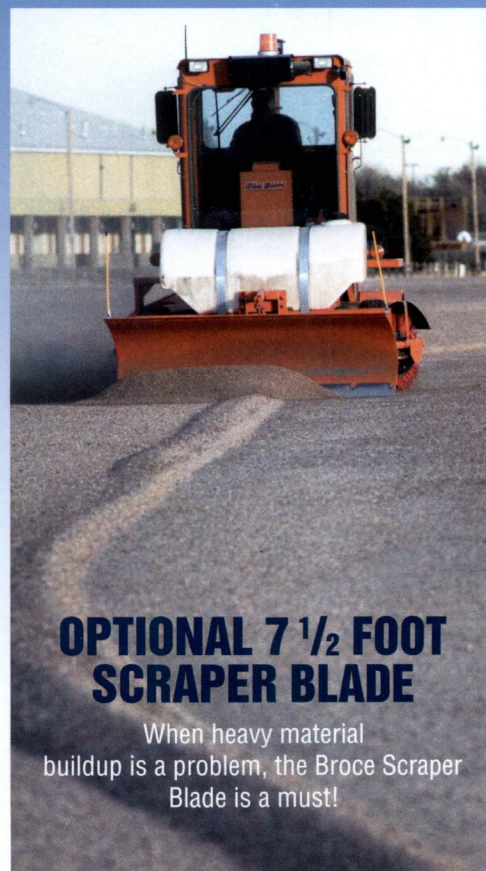
## DEFROSTER PLENUM

Plenum utilizes the fan and the warm air from the heater and has three vents to direct the warm air onto the windshield.



## USE THE BLADE FOR CLEANING BEHIND YOUR MILLING MACHINE OR CHIP AND SEAL JOBS

The blade will hydraulically lift vertically for clearance and angle right to left with a control located at operator's station. A quick coupling allows the blade to be removed when not in use. The replaceable cutting edge will give hours of continued use.



## OPTIONAL 7 1/2 FOOT SCRAPER BLADE

When heavy material buildup is a problem, the Broce Scraper Blade is a must!



# BROCE BROOM HYDROSTATIC DRIVE SPECIFICATIONS

## Standard Equipment Specs

- Certified Roll Over Structure and Canopy complies with ISO3471
- Main Frame - All Welded 6" Channel
- Heavy Structural Steel with Gussets at Stress Points
- 6" Rectangular Tubing - Front and Rear Bumpers
- Front Fenders are Standard Equipment on Some Configurations
- Weight (standard unit) - 5,000 lbs. 6,025 lbs with Cab and Water Tank
- Overall Length - 14' 4"
- Overall Width for Transport - 8' 2"
- Overall Height - 8' 6"
- Inside Turning Radius - 13'
- Brakes - Equipped with Dual Master Cylinder, Four Wheel Hydraulic Self Adjusting on Rear and Disc on Front, and Mechanical Parking Brake
- **Brush Core - 8' all Steel Welded Construction**
- Brush Filler - 10" x 32" Wafers - Prostran
- Sweeping Width - 8'
- **Brush Drive - Direct Drive Motor**  
enclosed in Core, 192 RPM under load
- Core Cover - 140 degrees 14 Gauge Steel with Rock Deflector
- Swing Frame - Mounted on 10 Heavy Duty Sealed Ball Bearings
- Sweeping Angle - 45 degrees Left or Right
- **Broom Controls - Single Lever Joystick Control Valve w/Adjustable Down Pressure and Float Position**
- Hydraulic Tank Capacity - 27 US Gallons w/100 Mesh Suction Strainer
- Operating Pressure - 3,000 PSI
- Pump Capacity - 26 GPM at 2400 RPM
- Filter - Two 10 Micron Replaceable Element (suction and return)
- **Fuel Capacity - 27 US Gallons**
- Front Axle - Heavy Duty Oscillating w/Disc Brakes
- Rear Axle - Dana Heavy Duty Truck Type w/Drum Brakes
- Wheels - 6 x 16 - 6 Bolt on 5 1/2 Centers
- **Tires - LT225X75X 16 Load Range E**
- Steering - Orbital Type Power Steering
- Padded Seat with Arm Rest and Seat Belts Complies with ISO 6683
- Cross-Link Electrical Wiring Complies with SAE J-1128
- Instruments and Controls - Water Temperature, Oil Pressure, Volt Meter, Tachometer, Hour Meter, Fuel Gauge, Reverse Alarm, Rear View Mirror, Controls for Broom Drive, Core Angling, Core Height, Electric Core Lock, Engine Throttle, Brakes, Directional Control, Parking Brake with Engaging Light, Traffic Horn
- Transmission - Hydrostatic Pump and Motor coupled to a 2-Speed Gearbox with Neutral Shift for Towing. Low Gear 13 MPH, High Gear 34 MPH
- Air Cleaner - Donaldson Dual Element Type with Precleaner
- Engine Options: Model  
**RCT-350 2.8 Turbocharged Cummins Diesel, 74 HP @2500-Tier 4 Final**

*In an effort to improve the product, Broce Mfg. reserves the right to change without prior notice or obligation any specifications and/or features.*

## Optional Equipment

- 150 Gallon Water Sprinkling System w/Poly Tank **Adds 175 lbs.**
- Tilt & Telescoping Steering
- 7 1/2 Ft. Scraper Blade
- Canopy Windshield
- **Light Group - Turn Signals, Warning Lights, Halogen Headlights and Taillights**
- Work Lights - Side or Rear
- **Amber Beacon or Strobe Light**
- **Turbo II Precleaner or Sy-Klone**
- Extension Air Cleaner Stack
- Spare Tire with Mount
- **Enclosed Cab with Safety Glass and Wiper** **Adds 850 lbs.**
- **Cab Heater and Defroster Plenum**
- **Pressurized Air Conditioning**
- **Rear Windshield Wiper**
- **Windshield Washer - Front or Rear**
- Hydraulic Temperature Gauge
- Tow Hitch with Safety Chains - Surge Brake Available
- **Suspension Seat**
- **Audible Engine Alarm System**
- **96" Poly Tube Broom**
- **Hydrostatic Hand Control**
- Heavy Duty Rear Axle
- Curb and Gutter Brush
- Safety Engine Shut Down System
- Block Heater
- AM/FM Stereo Package
- **Vari-Speed Brush**
- Down Pressure Limit Valve
- 41 Gallon Fuel Tank
- Hanging Rock Guard



Visit our web site at  
[www.brocebroom.com](http://www.brocebroom.com)

**Broce Broom**

**Broce Manufacturing Co.** • 205 E. Main • Norman, OK 73069-1304  
CALL TOLL FREE - Sales: 866-579-2488 • Parts & Service: 877-227-8811



**The following will be Standard Equipment on all Four Wheel Units:**

- \* Certified Roll-Over Protection Structure/Canopy & Retractable Seat Belt
  - \* 8' Steel Core with 10" x 32" Poly Wafer Filler
  - \* Full Gauge Package with Tach & Hour Meter
  - \* Power Steering & Traffic Horn
  - \* 4-Wheel Hydraulic Brakes
  - \* Radial Tires
  - \* Hydrostatic Transmission
  - \* Dual Element Air Cleaner/Engine Precleaner
  - \* Reverse Alarm
  - \* Brush Lock
  - \* Joy Stick Control
  - \* Enclosed Engine Cover
  - \* Front and Rear Fenders
  - \* 27 Gallon Fuel Tank and 27 Gallon Hydraulic Tank with Shutoff Valves
  - \* Air Cleaner Stack Extension
  - \* Safety Engine Shutdown System
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**Added Items to standard unit**

Electronic Variable Speed Brush Control  
Suspension Seat  
Down Pressure Valve  
Light Group  
Work Lights  
Cab with front wiper  
Heavy Duty Heater and Defroster  
Air Conditioner  
Mirrors, left and right  
Cummins 74 hp Diesel Engine

Celebrating over **55 years** as the leader in construction & road sweepers.



**BROCE MANUFACTURING COMPANY**  
**1460 S. SECOND AVENUE**  
**DODGE CITY, KS 67801**  
**Office: (620) 227-8811 or Cell: (620) 430-0126**  
**Fax: (620) 227-3012**

### **WARRANTY SERVICES AND ALLOWANCES**

- ❑ Warranty Policy of the Broce Manufacturing Co. will apply to all matters pertaining to claims against the company for replacement of parts or compensation for service.
- ❑ Parts and/or components of our suppliers that are claimed to be defective will be returned to the factory prepaid for inspection. The defective parts and/or components need to be sent back to Broce Manufacturing as soon as possible. Broce will refuse any payment on any parts that are not sent back within 30 days. This applies to parts and/or components built by Broce Manufacturing or supplied by Broce Manufacturing.
- ❑ Replacement on non-defective parts or parts that have failed due to accident, abuse or normal wear do not qualify for warranty adjustment.
- ❑ Warranty service on any part and/or component not built by Broce Manufacturing will only be covered to the extent of the supplier's warranty policy.
- ❑ Broce Manufacturing limits its warranty allowance on parts and labor in the field or in the shop to its cost of the part and the standard labor allowance that it takes to do the warranty work. **Broce Manufacturing will not warranty items such as filters, engine oils, coolant, hydraulic oils, hyd oil leaks, battery's, sealed beams, light bulbs, rubber hoses, freon, oil leaks, tires or fuses.** All claims turned in for warranty need to have service work order supplied and signed by the customer who is renting or have purchased the broom. In cases that don't need parts for repair pictures are required before any warranty will be considered. Additionally, warranty does not cover wear items such as broom wafers, brakes or adjustments required due to normal operation. Like any construction equipment this machine requires periodic tightening of fasteners. Daily visual inspection needs to be done for loose fittings, bolts, etc. and general broom operation.
- ❑ Broce Manufacturing will pay the Dealer for warranty work performed at 100% of the Broce Manufacturing approved labor time allowances (copy attached). Broce Manufacturing must approve dealer shop rates.

- ❑ Parts or assembled components needed to correct the defect will (at the choice of Broce) be new, remanufactured or Broce approved repaired parts.

Continued

### **WARRANTY SERVICES AND ALLOWANCES**

- ❑ Broce Manufacturing must authorize all warranty service and travel prior to starting the task. A Service Authorization Number will be provided to you. Only the work detailed will be authorized and only authorized work will be reimbursed.
- ❑ Service truck mileage is \$.60 per mile, provided that travel has been authorized.
- ❑ If extensive travel from dealer's location is required, Broce may authorize service from a closer alternative.
- ❑ Broce will not pay for driving time.
- ❑ Factory Service Assistance is available for problems that Broce Manufacturing cannot resolve.
- ❑ The manufacturer handles Warranty Services for engines.