

# TOW BEHIND SWEEPER

## RBR32 (GAS OR DIESEL)



- Tow behind sweeper for installation on truck
- Hydraulic lift and angulation
- Independent hydraulic unit activated by gas or diesel engine
- 32" diameter brush

## Standard features

### Brush Drive

- The speed of the brush rotation is controlled by the engine speed
- The brush is driven by one or two hydraulic motors mounted directly on the center of the brush beam

### Hydraulic control

- Brush (stop / start), lift, angulation is activated by a wired or wireless remote control
- Electric start and stop of the engine with the remote control

### Brush

- Replaceable disc brush, exterior diameter 32" with a 10" interior diameter (core)
- Choice of brushes: polypropylene only or polypropylene / wire

### Mechanical components

- Ground pressure is controlled by two springs
- Two shock absorbers to reduce brush hopping
- Brush flotation system
- The brush is supported by two balls bearings

### Caster Wheels

- Prevent tapering brush wear & extra weight on brush
- Diameter of front wheels 18.5"
- Remain aligned when the sweeper is lifted up

### Dust Deflector

- The role of the dust deflector is to reduce the projection of the dust and stones
- The dust deflector is mounted on two adjustable slides in order to control the height once the brush starts to wear

### Lights

- Lateral and frontal on the drawbar of the sweeper

### Structure

- Laser cut parts for a better design and smoother finish
- Tubular structure, robust construction
- 16-gauge steel hood covering 180° of the brush
- All parts, including hood, sides and wheels are bolted and easy to replace

### Finish

- Powder coat
- All parts are individually painted

## Motor and hydraulic unit

### Motor

- Gas injection engine
- Electric starter from the remote control
- 12 volt electrical circuit, 20 amp charging system, 500 amp battery
- Gas/Fuel tank
- Anti-vibration motor support
- Air filter with pre-cleaner (Turbo 3)

### Hydraulic Unit

- Pump to activate the hydraulic motor of the 16 GPM brush

## Standard features

- 30 gallons hydraulic tank with gage, drain plug, outlet filter & 20 micron inlet filter

### Trailer Tires & Axles

- Automobile wheels on the rear with steel casing
- Tapered ball bearings
- Rear axles 6000 lbs (2727 kg)
- Torsion axles 5200 lbs (2364 kg) which absorbs road imperfections during higher speed travel

### Trailer Construction

- Heavy duty tubular frame combined with laser cut parts

### Circulation lights

- LED lights comply with road safety standards
- Transport Canada certification

### Lifting

- 2 ½" diameter hydraulic cylinder

### Angulation

- 2" diameter hydraulic cylinder

### Trailer attachment

- 2" trailer hitch or 3" ring with a height choice
- Cylinder with crank on the side 1590 kg. (3500 lbs)
- Security chain

## Options

### Diesel motor

- Kubota diesel engine with activator for engine revolution
- Electric starter with remote control
- Battery 12 volts, 500 amps
- 20 amp alternator
- 36 liter diesel tank with level gage
- Emergency stop solenoid (shut-off)
- Anti-vibration motor support
- Same hydraulic unit as gasoline model, 34 gallon pump on dual hydraulic motor model
- Engine cooler

### Water tank & sprinklers

- The role of the sprinkler system is to reduce dust
- 575 liters (150 gallons US) tank with support & sprinkler nozzles
- Electric pump 12 volts 2.3 GPM
- Sprinkler nozzles fit on the cover to dampen the brush

### Control box with wire

- Ignition key, lift, angulation, brush activation, water pump and engine revolution (diesel engine only)
- Choice of wired or wireless remote control

### Connection for the control

- Quick connection for wired remote control

### Brakes

- Electric brakes
- Hydraulic brakes 10 000 lbs  
(Brake mandatory if exceeds 1300 kg (Québec), 1 500 kg (Other))