



**BREAKER
TECHNOLOGY,
INC.**

an Astec company

SCT SERIES

Shotcrete Transport Vehicle

BTI's SCT Series of Shotcrete Transport vehicle is a heavy duty, low profile vehicle specifically designed for remix operations in underground applications.

Features & Benefits

Bi-directional Drum Rotation

The mixer is driven hydrostatically over a planet gear. The necessary driving power is achieved by a variable axle piston pump enabling a continuously adjustable rpm regulation between 0 rpm to 14 rpm, in both turning directions. The bi-directional rotation of the remix drum allows variable mixing or discharge rate proportional to rotation speed. The drum speed is controlled by two proportional joysticks, one at the discharge end of the drum, the other at the operator's position on the vehicle.

Internal Drum Flutes

provide remixing and material discharge without tilting the drum. This allows low profile operation and discharge, and allows the drum to be self-cleaning, eliminating the requirement to tilt the drum.

Oval Loading Hatch

front to rear, allowing truck to be jockeyed for optimum loading.



SCT-6
on LP15ARW Carrier

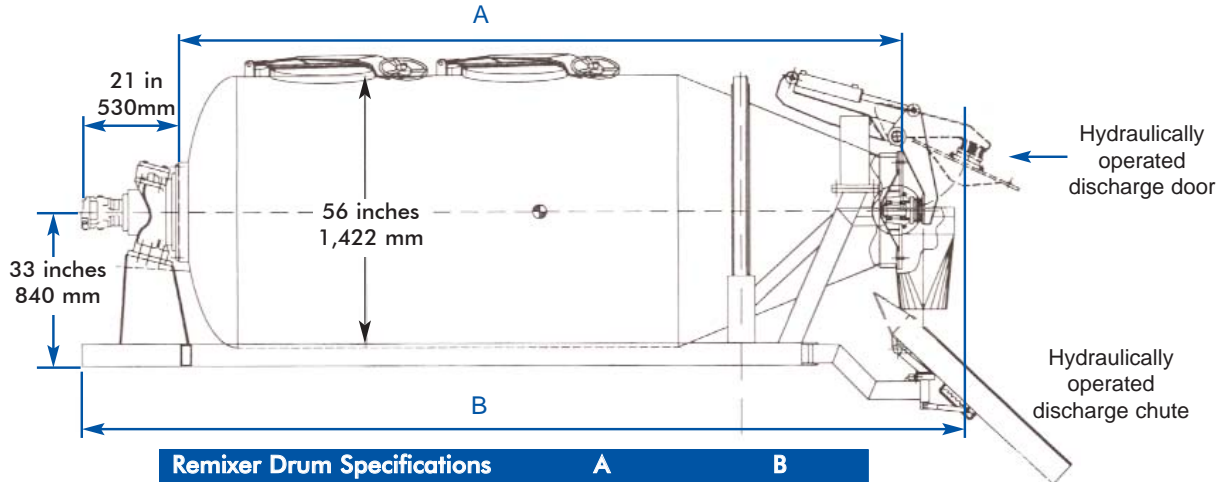
High Load Capacity Bearings and Rollers

The large bearings of the gearbox and the two rollers mounted at the discharge end of the drum form a three point support system that allows the vehicle frame to flex without transmitting the flexing to the body of the drum.

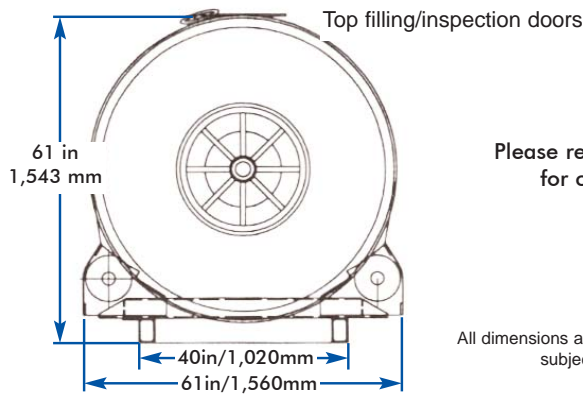
The discharge door is opened externally by means of hydraulic control levers operating the external cylinder. The chute is hydraulically powered for both tilt and swing movements.

The discharge door seal is fabricated from hardwearing polyurethane material.

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Remixer Drum Specifications		A	B
3 cubic meter	in/mm	113 / 2,862	147 / 3,732
4 cubic meter	in/mm	137 / 3,491	182 / 4,361
5 cubic meter	in/mm	162 / 4,120	196 / 4,990
6 cubic meter	in/mm	187 / 4,750	221 / 5,620



Please refer to LP Series brochure for carrier specifications.

All dimensions and specifications are approximate and subject to change without notice.



Standard Features

Shotcrete Mixer Chute

Tires:	3 & 4 cubic meter models	12:00 x 20
	5 & 6 cubic meter models	14:00 x 24 Rock Lug
Axles:	3 & 4 cubic meter models	D65 - cassette or dedicated trucks
	5 & 6 cubic meter models	John Deere 1200 Series

Options

- Catwalk
- Auxiliary Power Pack - 20 HP/15 kW
- Accelerator tank and transfer pump
- High pressure washer
- Elevated discharge with hydraulic lift cylinders or lift jacks
- Form oil tank and sprayer
- Cassette System Frame (for 3 & 4 cubic meter models)



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