
INTRODUCTION

SPECIFICATIONS: SPRH CHIPSPREADER

ROSCO / A LeeBoy Company is continuously improving its products. The information found in this manual was correct at the time it was approved for publication.

DIMENSIONS

WHEEL BASE	10 feet 6 inches (320 cm)
OUTSIDE TURNING RADIUS	26 feet (792.5 cm)
INSIDE TURNING RADIUS	19 feet 6 inches (594 cm)
HEIGHT	7 feet (213 cm)
WIDTH Without Front Hopper	19 feet 6 inches (594 cm)
WIDTH With Front Hopper	10 feet 6 inches to 16 feet 9 inches (320 to 511 cm)
OVERALL LENGTH	23 feet (701 cm)
OVERALL LENGTH Without Front Hopper	20 feet 6 inches (625 cm)
WEIGHT	15,200 lbs (6,895 kg)

FRAME

Lower members are structural box channels, unit welded rear and front axle holders. Conveyor sides have welded front pyramid and cross bearings to form one sturdy unit.

POWER TRAIN

The engine, clutch, transmission, reversing unit and rear planetary axle are in a straight line to prevent power loss. The engine is mounted under the operating platform to reduce sound and heat and to improve visibility.

ENGINE

Diesel: Cummins 6BT 5.9, Cummins 6BTA 5.9, Cummins 6CT 8.3
Consult factory for specifications.

ENGINE CLUTCH

Spring loaded 14 inch diameter.

TRANSMISSION

5 speeds forward, 1 speed reverse. High gear speeds to 20 MPH in forward.

REAR AXLE

26,000 lbs. 2 speed differential planetary drive puts the heavy torque in the wheel, not on the ring gear and pinion.

FRONT AXLE

16,000 lbs. capacity. Oscillating type.

STEERING

Orbital type, full hydraulic powered. Controlled through steering wheel with no mechanical linkage.

INTRODUCTION

BRAKES

Front drums 16-1/2 inches X 3-1/2 inches, rear disc, four wheel hydraulic power assist.

WHEELS

Budd disc type. Single front and rear. Dual available.

TIRES

Truck type 10.00 X 20, 12 ply. Optional sizes and types are available.

TRUCK HITCH OR TOW HITCH

Positive lock, hydraulic releasing of aggregate trucks without stopping. Controlled from operator's platform.

RECEIVING HOPPER

9 feet 6 inches wide, 3-1/2 yards struck capacity. Has adjustable feed control gates and rubber skirting to prevent spillage.

CONVEYORS

Two 20 inch conveyor belts, 4-ply rated, independently controlled by electric solenoid valves and powered by two directly coupled hydraulic motors. Full length side lining, head and self-cleaning tail pulleys.

FRONT HOPPER

Standard width: 10 feet (305 cm)

Optional width: 11, 12, 13, 13-1/2, 14, 15 or 16 feet (335 to 488 cm)

Spreadroll and agitator bar are gear and chain driven by a hydraulic motor. Adjustable cutoff gates allow for spreading widths from 6 feet up to the full width of the hopper. Radial type gates, controlled from the operator's platform, open in increments of 1/16 inch from 0 inches to 4-1/2 inches. Power open/close cutoff gates are operated by a hydraulic cylinder.

FRONT HOPPER REJECT SCREEN

Full width rod screen (grizzly) with 1 inch openings retains any oversize aggregate or foreign object.

DRIVING OPERATOR'S CONTROL PLATFORM

One man left hand operation is standard. Optional dual seats for one-man operation, or two man stations available.

INSTRUMENT PANEL

Volt meter, engine temperature gauge, engine oil pressure gauge, hydraulic oil temperature gauge, hour meter and tachometer.

OPTIONS

High speed reverser, ether injection system, lighting package, anti-vandalism package, hitch forward handle, warning system, strobe light, hot oil belt assembly, dual rear wheels (duplex, smooth), fire extinguishers, left hand walkway, variable speed conveyors (both one man and two man), tachometer option, fuel gauge option, coolant filter group, chevron belt assembly and stemco axle seal.