

ROADTEC RX-50 SPECIFICATIONS

DIESEL ENGINE

Cummins KTA-19, 600 hp @ 2100 rpm. 24 volt charging system. Emergency shutdown.

DRIVE SYSTEM

Mechanical V-belt drive to cutter drum planetary. Hydrostatic drive for propulsion and conveyor system.

SUSPENSION

Three-point suspension operated hydraulically adjusts either manually or automatically by grade controls.

TRACKS

Three D-5 track drives with 15" wide grousers. Travel speed 0-4.2mph. Working speed 0-160 fpm.

STEERING

Two front track steering, three track crab steering.

WATER SYSTEM

Hydraulically driven water pump w/ shut off for spray bars located on front and rear of cutter housing. High pressure wash down system.

CUTTER

Cutting width6'6"
7'2"
Cutting depth12"
Tip diameter44"
Tooth spacing5/8"

GRADE CONTROLS

Standard hydromechanical system with sensors on both sides of machine. Electric over hydraulic slope control.

GRADE SYSTEM

Grade is set by two averaging ski assemblies on either side of machine and can be used in conjunction with the slope control unit.

CONVEYOR SYSTEM

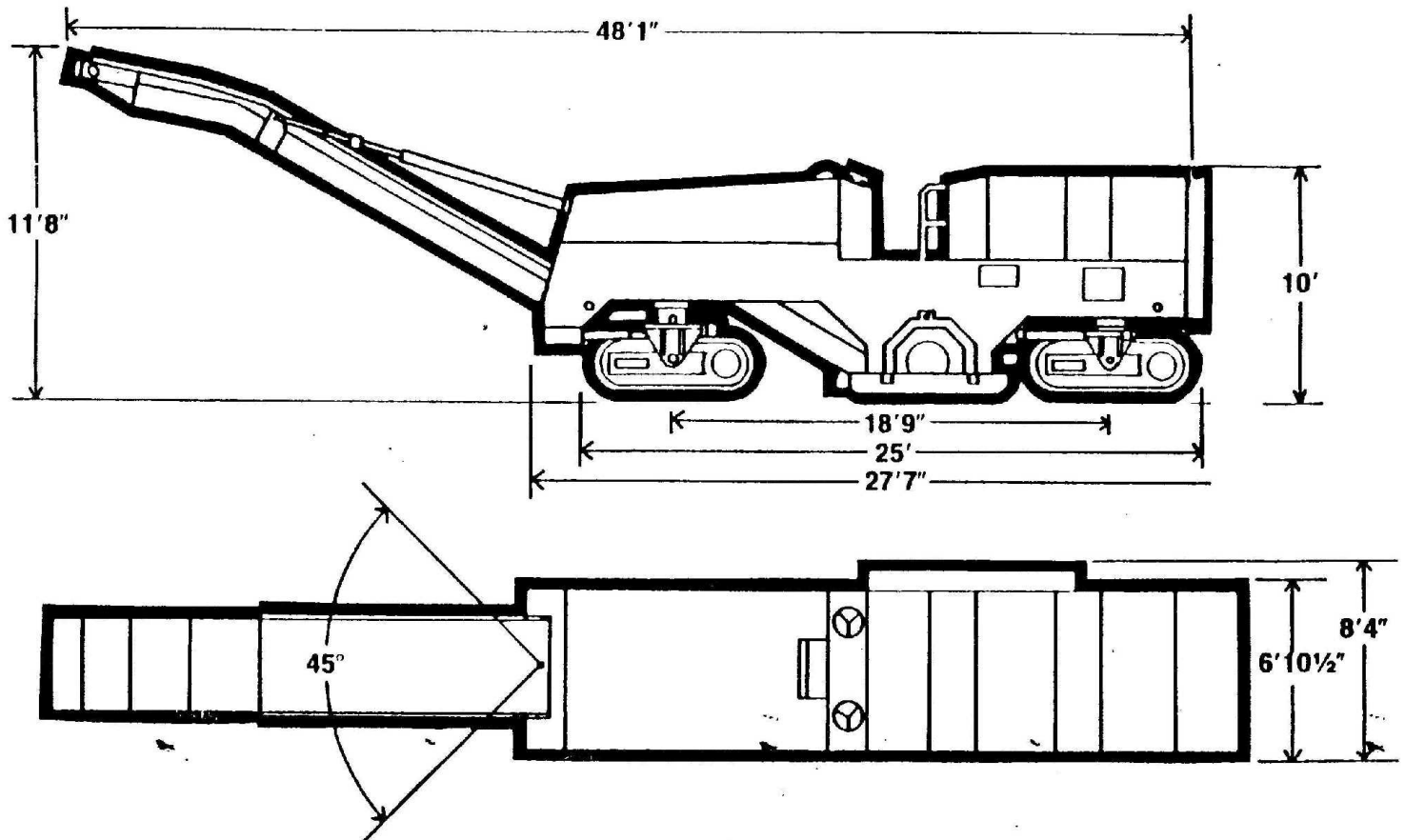
42" wide primary feed belt and 36" secondary load out belt both with variable speed control. Conveyor swings 45 degrees to either side.

SERVICE CAPACITY

Fuel400 gal
Water1100 gal
Hydraulic system80 gal

WEIGHTS(approximate)

Shipping weight68,000 lbs
Operating weight79,000 lbs



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