



# Simmons Equipment Company

**S280D Model  
Non-Permissible  
Diesel Scoop**



\*Option specific GA drawings available

\*\*All specifications are subject to change without notice.

## Dimensions (approximate)

Overall length:  
From Bucket Tip to Rear of Machine 31'5"

Overall width:  
With Clean Bottom Bucket 123"

Wheelbase 13'6"

S280D Weights:  
Empty Vehicle Weight 37,500 lbs.

Ground Clearance  
With 35" Tires 8"

Main Frame Detail:  
Frame Thickness 23"  
Engine Compartment Articulated  
Inside turn radius 14' 0"

Outside turn radius 25'

Steering articulation 100° total

Tram Speed 8 MPH

## Lift Capacity:

20,000 lbs at 48" from Implement Pivot Center

## Engine

Type Diesel, Turbo Charged, and 4 Cycle  
Cooling system Oil Cooled with water cooled  
\*Additional Specs Available Upon Request

## Start System

Starter motor type Electric, 12 V

## Intake Air Cleaner

Type Dry  
Intake Dual element type Primary & Secondary

## Exhaust Treatment

Gas / Particulate Catalytic Ceramic

## Transmission

Type Power shift with Fwd/Rev mod.  
Speeds, forward and reverse 4

## Torque Converter

Type Engine Mounted/Flex Plate

## Axles (Front/Rear)

Type Outboard Planetary  
Service/Parking Brake SAHR-4 Wheel

## Wheels

SE Specifications Heavy Duty Fabricated

## Tires - Standard

Size 35x15x15 Foam Filled

## Cooling

Triple Stacked Cooling Unit  
Engine Mounted Fan

## Bucket

Simmons Patented Clean Bottom Bucket with  
Trunnion Mounted Eject Cylinder and Shorter  
Blade Snout

## Oscillation

Type Double Row Ball Bearing

## Electrical System

Type Automotive  
Voltage 12V

## Lights

Number /location 2 front, 2 rear  
Type LED

## Alternator

Drive Electric  
Type 12V

## Service Capacities

Hydraulic tank 50 gallon  
Fuel tank 45 gallon

## Grade Ability

Front to rear up to 25%