



Simmons Equipment Company

**S280 Model
Battery Scoop**



Dimensions (approximate)

Overall length:		
From Bucket Tip to Rear of Machine	30'10"	
Overall width:		
With Clean Bottom Bucket	123"	
Wheelbase	13'6"	
Steering Articulation	90°	

S280 Weights:

Empty Vehicle Weight	40,000-47,000 lbs.*
*Dependent on Battery Size	

Ground Clearance

With 35" Tires	8"
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Main Frame Details

Main Frame Thickness	Approx. 23"
Oil Tank Location	Rear Frame Standard

Tram Speed	5 MPH
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Lift Capacity

24,000 lbs at 48" from Implement Pivot Center

Electrical Controls

AC System	240V Magnetek M-Force VFD With Digital Display Regenerative Braking
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DC System Optional	128V Saminco Q750 DC Drive With Digital Display
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Motors

Tram Motor	75 HP AC Traction / 50 HP DC Optional
Pump Motor	47 HP AC Pump / 16 HP DC Optional

Lighting

Standard	12V MCI LED
Optional	12V, 120V Halogen MCI/Ocenco

Batteries

240V Option	East Penn/Deka 13 Plate Layout Optional Cell Heights
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128V Option

East Penn/Deka 21 Plate Layout Optional Cell Heights
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Battery Changing System

Standard	SE Ground Based System with Proprietary Easy Latch Locking
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Battery Plug Arrangement

Type	J&R 2000 Single Connector Standard 600 Amp Rated
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Axles (Front/Rear)

Type	Outboard Planetary
Differential type	Bevel Gear and Pinion
Service/Parking Brake	SAHR -4 Wheel

Wheels

SE Specifications	Heavy Duty Fabricated
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Tires - Standard

Size	35x15x15 Foam Filled Other Sizes/Fills Optional
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Oscillation

Type	Double Row Ball Bearing
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Service Capacities

Hydraulic tank	50 Gallon
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Fire Suppression

Standard	ANSUL 4 Point Manual Checkfire Automatic Optional
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Canopy

Standard	Simmons Exclusive Two Post Design High Visibility
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