

**General Specifications – S3226E**

**Aerial Platform**

Working height	9.8 m (32')
Maximum platform height	7.9 m (26')
Turning radius	
Inside	76.2 cm (30")
Outside	2.36 m (93")
Wheelbase	1.77 m (69.72")
Ground clearance	
Pothole protector raised	9.53 cm (3.75")
Pothole protector lowered	1.9 cm (0.75")
Maximum wheel load	1112 kg (2,450 lbs)
Maximum ground pressure	12.3 kg/cm <sup>2</sup> (175 psi)
Weight, EVW	
Approximate	2045 kg (4,500 lbs)
Maximum allowable manual force (side pull)	
Indoors	445 N (100 lbs)
Outdoors	222 N (50 lbs)
Stowed width	81.3 cm (32")
Stowed length	2.3 m (90.6")
With step removed	2.25 m (88.7")
Stowed height	2.30 m (90.6")
With rails folded	1.86 m (73.13")

**Platform**

Dimensions	
Main	71.6 cm x 214.3 cm (28.5" x 84.38")
Extension	71.6 cm x 91.4 cm (28.25" x 36")
Total length with extension	305.8 cm (102.38")
Guardrail height	1.1 m (43.3")
Toeboard height	15.2 cm (6")
Rated work load	
Total	250 kg (550 lb)
Extension	113 kg (250 lb)
Maximum number of occupants	1 outdoors 2 indoors

**Function Speed**

Platform raise	12 to 20 seconds
Platform lower	20 to 26 seconds
High Drive	
Platform lower than 1.8 m (6')	0 to 3.2 km/h (0 to 2 mph)
Low Drive	
Platform higher than 1.8 m (6')	0 to 0.6 km/h (0 to 0.4 mph)

**Drive System**

Standard	Two-wheel drive
Gradeability	25%
Maximum drive height	7.9 m (26')

**Drive/Lift Level Sensor Interlock**

Side-to-side	1.5 degrees
Front-to-rear	4 degrees

**Tires**

Nonmarking solid rubber	38.1 cm x 10.2 cm (15" x 4")
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**Electrical System**

Voltage	24 V DC negative chassis ground
Source	Four - 6 V 240 amp hour batteries
Fluid recommended	distilled water
Charger	25 amp
Input	120/240 V

**Hydraulic System**

Maximum pressure	20,684 kPa (3,000 psi)
Reservoir capacity	17 l (4.5 US gal)
System capacity	19 l (5 US gal)
Maximum operating temperature	71°C (160°F)
Hydraulic fluid recommended	
Above -12°C (10°F)	ISO VG32
Below -12°C (10°F)	ISO VG15

**Ambient Air Temperature Operating Range**

Celsius	-18°C to 43°C
Fahrenheit	0°F to 110°F

**Maximum Wind Speed**

Gust or steady	12.5 m/s (28 mph)
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**Vibration**

less than 2.5 m/sec<sup>2</sup>

**Sound Pressure Level**

At work station	below 70 dB(A)
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**Group Classification**

Heavy Duty – intended life	100,000 load cycles
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