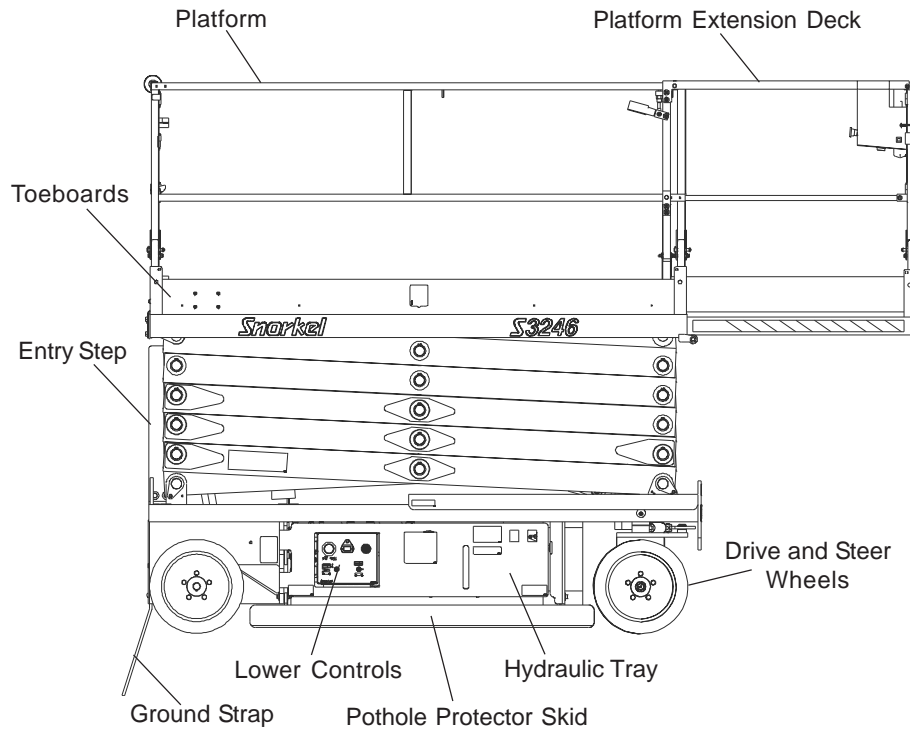
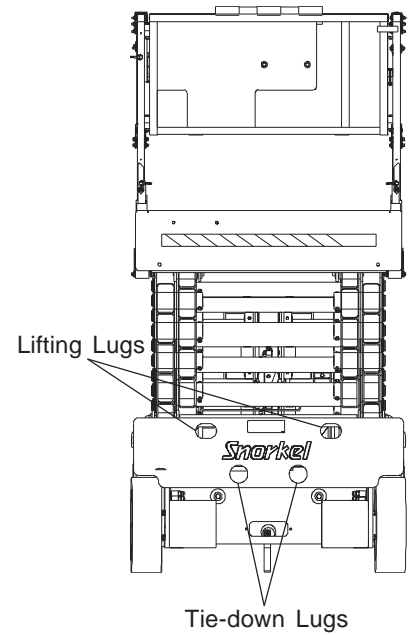


Chapter 2 – Specifications

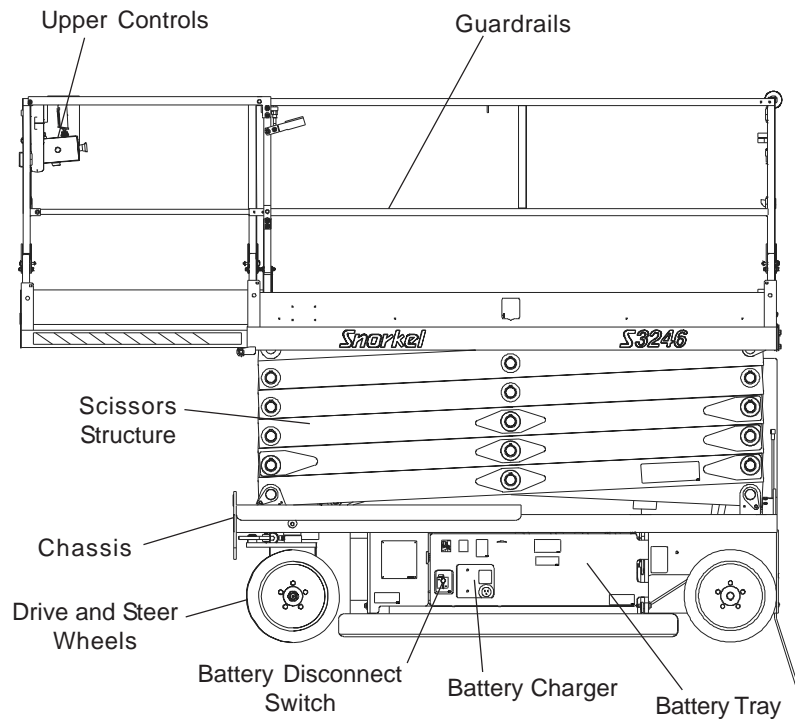
Component Identification



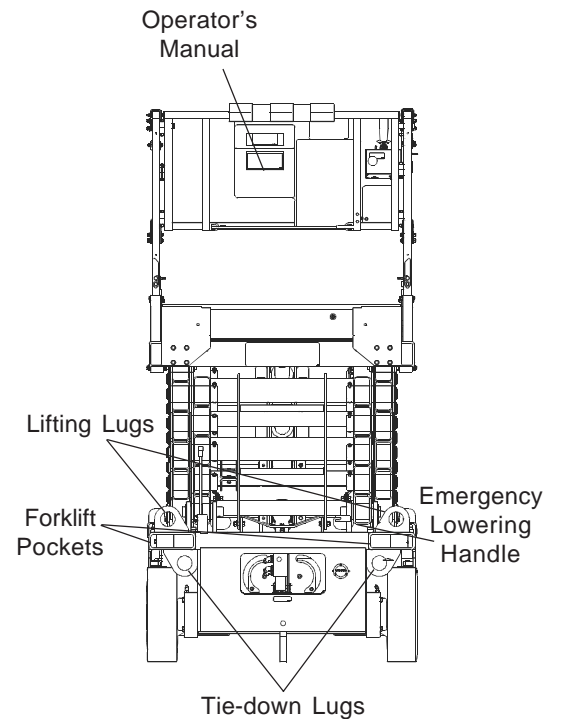
Right Side



Front



Left Side



Rear

General Specifications S3246

Aerial Platform

Working height	11.58 m (38')
Maximum platform height	9.75 m (32')
Turning radius	
Inside	25.4 cm (10")
Outside	2.5 m (101")
Wheelbase	1.9 m (75")
Ground clearance	
Pothole protector raised	10.1 cm (4")
Pothole protector lowered	2.5 cm (1")
Maximum wheel load	1328 kg (2,928 lbs)
Maximum ground pressure	13.8 kg/cm ² (196 psi)
Weight, GVW	
Approximate	3003 kg (6,620 lbs)
Stowed width	116.8 cm (46")
Stowed length	254 cm (100")
Stowed height	
Guardrails raised	251.4 cm (99")
Guardrails lowered	182.8 cm (72")

Platform

Dimensions	
Main	45" x 94" (114.3 cm x 238.7 cm)
Extension	41" x 36" (104.1 cm x 91.4 cm)
Total length with extension	130" (330.2 cm)
Rated work load	
Total	317.5 kg (700 lb)
Extension	113.3 kg (250 lb)
Maximum number of occupants	
Outside	1 person
Inside	2 people

Function Speed

Platform raise	40 to 50 seconds
Platform lower	50 to 60 seconds
High drive	
Platform lower than 2.1 to 2.4 m (7 to 8 feet)	3.2 km/h (0 to 2 mph)
Low drive	
Platform higher than 2.1 to 2.4 m (7 to 8 feet)	0.8 km/h (0 to 0.5 mph)

Drive System

Standard	Two wheel drive
Gradeability	25%
Maximum drive height	9.75 m (32')

Drive/Lift Level Sensor Interlock

Side-to-side	2 degrees
Front-to-rear	4 degrees

Tires

Nonmarking solid rubber	40.6 cm x 12.7 cm (16" x 5")
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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	40 amp

Hydraulic System

Maximum pressure	21,373.75 kPa (3,100 psi)
Reservoir capacity	34 l (9 US gal)
System capacity	35 l (9.25 US gal)
Maximum operating temperature	71°C (160°F)
Hydraulic fluid recommended	
Above -13°C (10°F)	Mobil DTE-13M (ISO VG32)
Below -13°C (10°F)	Mobil DTE-11M (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/sec²

Sound Threshold

below 70 dB(A)