

SST-37/40

Articulated / Telescopic Aerial Lift

WORKING HEIGHT: Up to 45' (13.7m)

HORIZONTAL REACH: Up to 27' 9" (8.5m)

PLATFORM CAPACITY: Up to 450 lbs. (204kg)



General Specifications (based on 40" frame)

INSULATED MODELS	SST-37-EIH	SST-40-EIH	SST-37-ENH	SST-40-ENH	SST-37-NE	SST-40-NE
Horizontal Reach	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)
Standard Platform Capacity	300 lbs. (136 kg)	300 lbs. (136 kg)	300 lbs. (136 kg)	300 lbs. (136 kg)	300 lbs. (136 kg)	300 lbs. (136 kg)
Maximum Platform Capacity	450 lbs. (250 kg.)	450 lbs. (250 kg.)	450 lbs. (250 kg.)	450 lbs. (250 kg.)	400 lbs. (181 kg.)	400 lbs. (181 kg.)
Outer Boom Lift Eye Capacity	500 lbs. (227 kg)	500 lbs. (227 kg)	500 lbs. (227 kg)	500 lbs. (227 kg)	500 lbs. (227 kg)	500 lbs. (227 kg)

WITH STANDARD PEDESTAL

Height to Bottom of Platform	37 ft. 0 in. (11.3 m)	40 ft. 0 in. (12.2 m)	37 ft. 0 in. (11.3 m)	40 ft. 0 in. (12.2 m)	37 ft. 0 in. (11.3 m)	40 ft. 0 in. (12.2 m)
Working Height	42 ft. 0 in. (12.8 m)	45 ft. 0 in. (13.7 m)	42 ft. 0 in. (12.8 m)	45 ft. 0 in. (13.7 m)	42 ft. 0 in. (12.8 m)	45 ft. 0 in. (13.7 m)
Stowed Travel Height	10 ft. 4 in. (3.1 m)	10 ft. 4 in. (3.15 m)	10 ft. 4 in. (3.15 m)	10 ft. 4 in. (3.15 m)	10 ft. 4 in. (3.15 m)	10 ft. 4 in. (3.15 m)
Weight of Lift <i>(without oil and mounting hardware)</i>	2230 lbs. (1012 kg)	2335 lbs. (1059 kg)	2190 lbs. (933 kg)	2295 lbs. (1041 kg)	2190 lbs. (933 kg)	2295 lbs. (1041 kg)

HYDRAULIC SYSTEM (ENH/EIH)

Operating Pressure	2250 PSI (158 kg/cm)	<p>OPTIONS:</p> <ul style="list-style-type: none"> • 4-Axis Control System • Continuous Rotation • 180° Rotating Platform • Hydraulic Tool Circuit at the Platform • Back Up Pump • Independent Outriggers • Chassis Insulation System (Lower Boom Insert, Insulated Units Only) • Two-Speed Throttle Control • Front & Rear Torsion Bars • 120 Volt to Platform (Non-Insulated Units) • TruGuard™ (Insulated Units) • Automatic Boom Latch <p>NOTE:</p> <ol style="list-style-type: none"> 1. Specifications may vary without prior notice 2. Required GVWR can vary significantly with chassis, lift mounting, location, service body, accessories and desired payload.
Flow Rate	3 GPM (11 lpm) on ENH/EIH 2 GPM (8 lpm) on NE	
Filtration	10 micron return 100 mesh suction	
System Type	Open center	
BOOM ACTION		
Inner Boom	116 in (2.9 m) Extension	
Outer Boom	-14° to +74°	
Lower Boom	-7° to vertical	
Rotation	370° non-continuous	
INSULATION GAP <i>(insulated units only)</i>		
Upper Boom fully retracted Flow	42 in. (1.07 m)	
Lower Boom Insert (optional)	12 in. (0.3 m)	

AMBIENT TEMPERATURE RANGE FOR STRUCTURAL INTEGRITY

Temperature Range	-40°F (-40°C) to 125°F (52°C)
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