

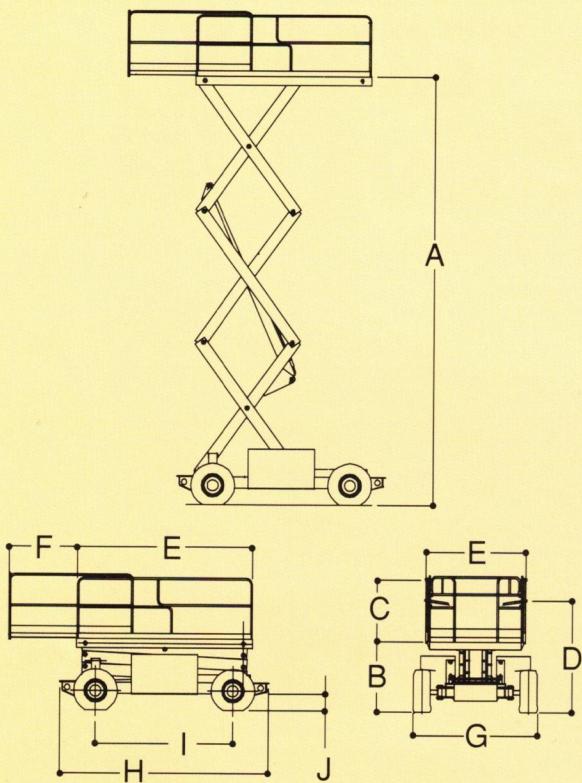
ROUGH TERRAIN SCISSOR LIFTS



25RTS
33RTS **40RTS**
400RTS **500RTS**

JLG[®]

25RTS



DIMENSIONAL DATA

A. Platform Height Elevated	25 ft. (7.62 m)
B. Platform Height Lowered	4 ft. 4 in. (1.32 m)
C. Railing Height*	43.5 in. (1.10 m)
D. Overall Height (rails lowered*)	6 ft. 10 in. (2.08 m)
E. Platform Dimensions	71 in. x 126 in. (1.80 x 3.20 m)
F. Deck Extension	4 ft. (1.23 m)
G. Overall Width	7 ft. 6 in. (2.29 m)
Overall Width w/Optional Tires	7 ft. 7 in. (2.31 m)
H. Overall Length	12 ft. 5 in. (3.78 m)
I. Wheelbase	98 in. (2.50 m)
J. Ground Clearance	12 in. (0.30 m)
Capacity	2,000 lbs. (907 kg)
Capacity with Optional Deck Extension	1,750 lbs. (795 kg)
Capacity on Optional Deck Extension	500 lbs. (227 kg)
Lift/Lower Speed .....	.55/35 sec.
Maximum Drive Height	full height
4 Ft. Front Deck Extension	optional manual
Platform Material	steel tread plate

*Additional 3 in. (0.08 m) height with optional deck extension

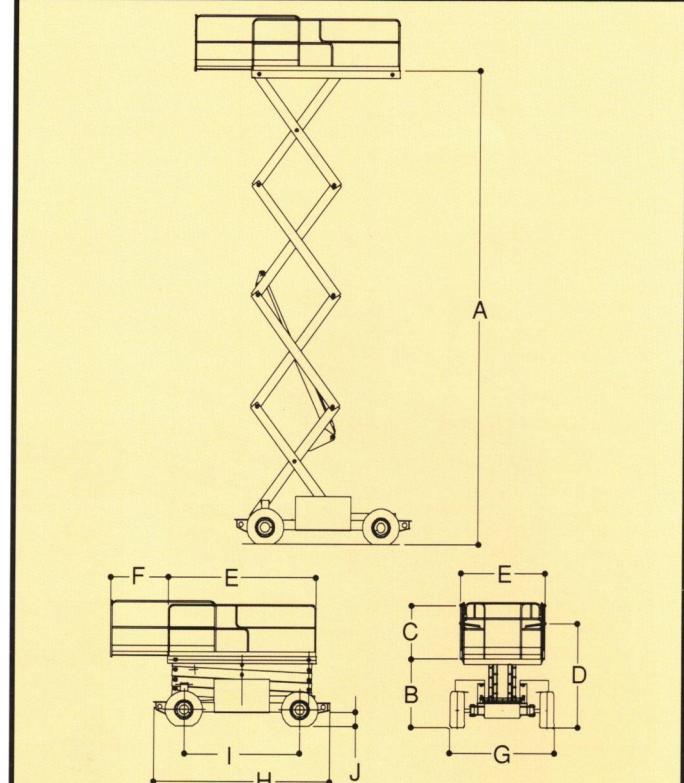
CHASSIS

Drive Speed – 2 Wheel Drive	3.5 mph (5.6 kph)
Drive Speed – 4 Wheel Drive (optional)	2.8 mph (4.5 kph)
Gradeability – 2 Wheel Drive	35%
Gradeability – 4 Wheel Drive (optional)	45%
Turning Radius (inside) – 2 Wheel Steer	16 ft. 10 in. (5.13 m)
Turning Radius (inside) – 4 Wheel Steer	5 ft. 6 in. (1.68 m)
Turning Radius (outside) – 2 Wheel Steer	24 ft. 4 in. (7.42 m)
Turning Radius (outside) – 4 Wheel Steer	11 ft. 3 in. (3.43 m)
Axle Oscillation (optional) .....	.8 in. (0.20 m)
Tire Size	12 x 16.5
Tire Type	air
Brakes	spring applied multi-disc

POWER SYSTEM

Dual Fuel Engine	Ford VSG 411 35 hp (26 kW)
Diesel Engine (optional)	Deutz F2L-1011 28 hp (21 kW)
Fuel Tank Capacity	15 gal. (56.8 m)
Hydraulic Reservoir .....	.20 gal. (75.7 L)
Gross Vehicle Weight	8,500 lbs. (3,856 kg)

33RTS



DIMENSIONAL DATA

A. Platform Height Elevated	33 ft. (10.06 m)
B. Platform Height Lowered	5 ft. (1.52 m)
C. Railing Height*	43.5 in. (1.10 m)
D. Overall Height (rails lowered*)	7 ft. 6 in. (2.29 m)
E. Platform Dimensions	71 in. x 126 in. (1.80 x 3.20 m)
F. Deck Extension	4 ft. (1.23 m)
G. Overall Width	7 ft. 6 in. (2.29 m)
Overall Width w/Optional Tires	7 ft. 7 in. (2.31 m)
H. Overall Length	12 ft. 5 in. (3.78 m)
I. Wheelbase	98 in. (2.50 m)
J. Ground Clearance	12 in. (0.30 m)
Capacity	1,500 lbs. (680 kg)
Capacity with Optional Deck Extension	1,250 lbs. (565 kg)
Capacity on Optional Deck Extension	500 lbs. (227 kg)
Lift/Lower Speed .....	.60/35 sec.
Maximum Drive Height	full height
4 Ft. Front Deck Extension	optional manual
Platform Material	steel tread plate

*Additional 3 in. (0.08 m) height with optional deck extension

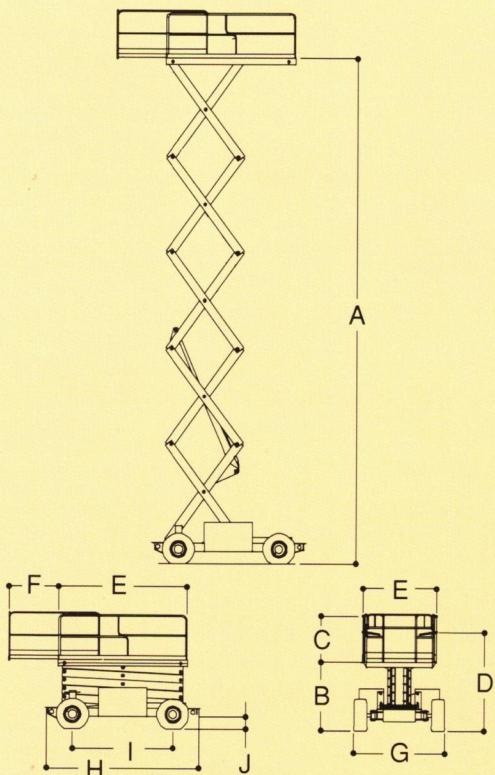
CHASSIS

Drive Speed – 2 Wheel Drive	3.5 mph (5.6 kph)
Drive Speed – 4 Wheel Drive (optional)	2.8 mph (4.5 kph)
Gradeability – 2 Wheel Drive	35%
Gradeability – 4 Wheel Drive (optional)	45%
Turning Radius (inside) – 2 Wheel Steer	16 ft. 10 in. (5.13 m)
Turning Radius (inside) – 4 Wheel Steer	5 ft. 6 in. (1.68 m)
Turning Radius (outside) – 2 Wheel Steer	24 ft. 4 in. (7.42 m)
Turning Radius (outside) – 4 Wheel Steer	11 ft. 3 in. (3.43 m)
Axle Oscillation (optional) .....	.8 in. (0.20 m)
Tire Size	12 x 16.5
Tire Type	air
Brakes	spring applied multi-disc

POWER SYSTEM

Dual Fuel Engine	Ford VSG 411 35 hp (26 kW)
Diesel Engine (optional)	Deutz F2L-1011 28 hp (21 kW)
Fuel Tank Capacity	15 gal. (56.8 m)
Hydraulic Reservoir .....	.20 gal. (75.7 L)
Gross Vehicle Weight	9,200 lbs. (4,173 kg)

40RTS



DIMENSIONAL DATA

A. Platform Height Elevated.....	39 ft. 6 in. (12.1 m)
B. Platform Height Lowered.....	5 ft. 8 in. (1.73 m)
C. Railing Height*	43.5 in. (1.10 m)
D. Overall Height (rails lowered*)	8 ft. 2 in. (2.49 m)
E. Platform Dimensions	71 in. x 126 in. (1.80 x 3.20 m)
F. Deck Extension	4 ft. (1.23 m)
G. Overall Width.....	7 ft. 6 in. (2.29 m)
H. Overall Length.....	12 ft. 5 in. (3.78 m)
I. Wheelbase	98 in. (2.50 m)
J. Ground Clearance.....	12 in. (0.30 m)
Capacity	1,000 lbs. (454 kg)
Capacity with Optional Deck Extension	750 lbs. (340 kg)
Capacity on Optional Deck Extension.....	500 lbs. (227 kg)
Lift/Lower Speed .....	.65/.35 sec.
Maximum Drive Height	full height
4 Ft. Front Deck Extension	optional manual
Platform Material	steel tread plate

*Additional 3 in. (0.08 m) height with optional deck extension

CHASSIS

Drive Speed – 2 Wheel Drive	3.5 mph (5.6 kph)
Drive Speed – 4 Wheel Drive (optional)	2.8 mph (4.5 kph)
Gradeability – 2 Wheel Drive	35%
Gradeability – 4 Wheel Drive (optional)	45%
Turning Radius (inside) – 2 Wheel Steer	16 ft. 10 in. (5.13 m)
Turning Radius (inside) – 4 Wheel Steer	5 ft. 6 in. (1.68 m)
Turning Radius (outside) – 2 Wheel Steer	24 ft. 4 in. (7.42 m)
Turning Radius (outside) – 4 Wheel Steer	11 ft. 3 in. (3.43 m)
Axle Oscillation (optional) .....	.8 in. (0.20 m)
Tire Size	12 x 16.5
Tire Type.....	air
Brakes	spring applied multi-disc

POWER SYSTEM

Dual Fuel Engine	Ford VSG 411 35 hp (26 kW)
Diesel Engine (optional)	Deutz F2L-1011 28 hp (21 kW)
Fuel Tank Capacity	15 gal. (56.8 m)
Hydraulic Reservoir	20 gal. (75.7 L)
Gross Vehicle Weight	10,400 lbs. (4,717 kg)

400RTS



DIMENSIONAL DATA

A. Platform Height Elevated	40 ft. (12.19 m)
B. Platform Height Lowered.....	5 ft. 10 in. (1.78 m)
C. Railing Height*	43.5 in. (1.10 m)
D. Overall Height (rails folded down)*	7 ft. 2.5 in. (2.20 m)
E. Platform Dimensions	71 in. x 168 in. (1.80 x 4.27 m)
F. Deck Extension .....	.4 ft. (1.23 m)
G. Overall Width	7 ft. 6 in. (2.29 m)
H. Overall Length	7 ft. 7 in. (2.31 m)
I. Wheelbase	14 ft. 5 in. (4.39 m)
J. Ground Clearance	122 in. (3.10 m)
Capacity.....	2,000 lbs. (907 kg)
Capacity with Optional Deck Extension	1,500 lbs. (680 kg)
Capacity on each Optional Deck Extension.....	500 lbs. (227 kg)
Lift/Lower Speed .....	.60/.60 sec.
Maximum Drive Height**	full height
4 Ft. Front Deck Extension	optional hydraulic
4 Ft. Rear Deck Extension	optional hydraulic
Platform Material	steel tread plate

*Additional 3 in. (0.08 m) height with optional deck extension

** 32 ft. with optional pneumatic tires

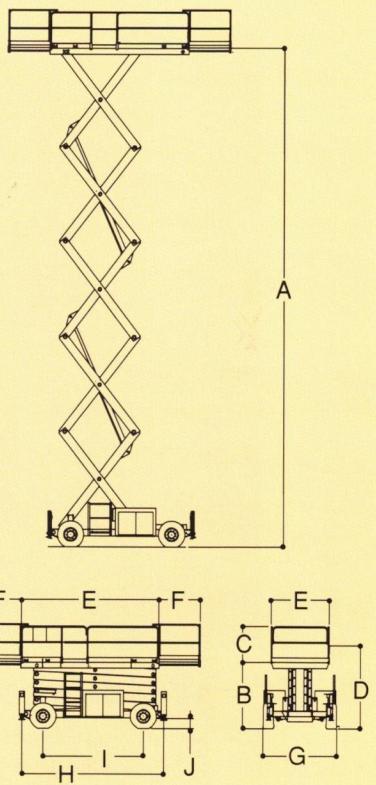
CHASSIS

Drive Speed – 2 Wheel Drive	3.5 mph (5.6 kph)
Drive Speed – 4 Wheel Drive (optional)	2.8 mph (4.5 kph)
Gradeability – 2 Wheel Drive	35%
Gradeability – 4 Wheel Drive (optional)	45%
Turning Radius (inside) – 2 Wheel Steer	20 ft. 2 in. (6.15 m)
Turning Radius (inside) – 4 Wheel Steer	6 ft. 6 in. (1.98 m)
Turning Radius (outside) – 2 Wheel Steer	27 ft. 8 in. (8.43 m)
Turning Radius (outside) – 4 Wheel Steer.....	12 ft. 1 in. (3.68 m)
Axle Oscillation (optional) .....	.8 in. (0.20 m)
Tire Size	12 x 16.5
Tire Type	foam
Brakes	spring applied multi-disc

POWER SYSTEM

Dual Fuel Engine	Ford LSG 425 70 hp (52 kW)
Diesel Engine (optional)	Deutz F2L-1011 42 hp (36 kW)
Fuel Tank Capacity	15 gal. (56.8 m)
Hydraulic Reservoir.....	20 gal. (75.7 L)
Gross Vehicle Weight	15,000 lbs. (6,806 kg)

500RTS



DIMENSIONAL DATA

A. Platform Height Elevated	50 ft. (15.24 m)
B. Platform Height Lowered	6 ft. 8 in. (2.03 m)
C. Railing Height*	43.5 in. (1.10 m)
D. Overall Height (rails folded down)*	8 ft. 0.5 in. (2.45 m)
E. Platform Dimensions	71 in. x 168 in. (1.80 x 4.27 m)
F. Deck Extension	4 ft. (1.23 m)
G. Overall Width	7 ft. 6 in. (2.29 m)
Overall Width w/Optional Tires	7 ft. 7 in. (2.31 m)
H. Overall Length	15 ft. 5 in. (4.70 m)
I. Wheelbase	122 in. (3.10 m)
J. Ground Clearance	12 in. (0.30 m)
Capacity	2,500 lbs. (1,134 kg)
Capacity with Optional Deck Extension	2,000 lbs. (907 kg)
Capacity on each Optional Deck Extension	500 lbs. (227 kg)
Lift/Lower Speed	72/72 sec.
Maximum Drive Height	22 ft. (6.71 m)
4 Ft. Front Deck Extension	optional hydraulic
4 Ft. Rear Deck Extension	optional hydraulic
Platform Material	steel tread plate

*Additional 3 in. (0.08 m) height with optional deck extension

CHASSIS

Drive Speed – 2 Wheel Drive	3.5 mph (5.6 kph)
Drive Speed – 4 Wheel Drive (optional)	2.8 mph (4.5 kph)
Gradeability – 2 Wheel Drive	35%
Gradeability – 4 Wheel Drive (optional)	45%
Turning Radius (inside) – 2 Wheel Steer	20 ft. 2 in. (6.15 m)
Turning Radius (inside) – 4 Wheel Steer	6 ft. 6 in. (2.98 m)
Turning Radius (outside) – 2 Wheel Steer	27 ft. 8 in. (8.43 m)
Turning Radius (outside) – 4 Wheel Steer	12 ft. 1 in. (3.68 m)
Axle Oscillation (optional)	8 in. (0.20 m)
Tire Size	12 x 16.5
Tire Type	air
Brakes	spring applied multi-disc

POWER SYSTEM

Dual Fuel Engine	Ford LSG 425 70 hp (52 kW)
Diesel Engine (optional)	Deutz F2L-1011 42 hp (36 kW)
Fuel Tank Capacity	15 gal. (56.8 m)
Hydraulic Reservoir	37 gal. (140 L)
Gross Vehicle Weight	17,200 lbs. (7,802 kg)

Standard Fold Down Handrails

The 400RTS and 500RTS are equipped with fold down handrails which take minutes to fold and reduce the overall height of the machine for transportation and access to the jobsite. The rails are secured by utilizing lockpins and require no tools to dismantle.



Release lockpins to dismantle handrails.

Removable Handrails

The main deck handrails on the 25RTS, 33RTS and 40RTS can be removed without tools, the deck extension handrails fold at the midrail reducing overall stowed height by 17 in. (0.43 m).

RTS models can be driven from the ground by using the moveable control box and umbilical cord.

PERFORMANCE FEATURES



Moveable Platform Control Box

Platform controls are encased in a tough, polyethylene box, and feature easy-to-identify graphics. The control box can be moved quickly and easily for security or repositioned in the platform for improved visibility when traveling.



Proportional Drive

For operator convenience and comfort, an all-in-one control lever is provided for the drive and steer functions. Steer is operated by using the thumb rocker at the top of the lever. Drive is fully proportional with "ramp" on/off for smoother acceleration and deceleration.



Enable Button

The control box is equipped with an enable button to prevent inadvertent operation of controls. The button has to be engaged prior to use of any of the functions.

High Rated Capacities on a Strong Platform Deck

RTS models have maximum capacities ranging from 1,000lbs. (454kg) to 2,5000lbs. (1,134kg) to lift personnel, materials and work tools to the jobsite. The platform deck is constructed of heavy duty, diamond tread steel plate surrounded by a 6 inch (0.15m) toe plate.



Optional Roll Out or Powered Deck Extension

A 4ft. (1.23 m) roll out deck extension is available providing access over work locations. A single (front) or dual (front and rear) powered deck extensions are available on the 400RTS and 500RTS giving increased deck space for large sized building materials.



Manual Descent

A manual descent system is provided to lower the platform from the ground station in the event of complete loss of machine power.



Manual descent hand pump on the 400 RTS and 500 RTS



Optional Leveling Jacks*

Hydraulic leveling jacks allow the machine chassis to be levelled on an uneven surface before elevating the platform. Each jack can be independently operated for precise leveling on a 5° angle from side to side, and a 3° angle from front to rear.

(* Standard on the 500 RTS)



JLG Lift Cylinders – Strong and Durable

JLG manufactures its own lift cylinders using state-of-the-art technology to achieve tight tolerances in the cylinder. All cylinders are tested prior to installation to check for structural integrity and oil leaks.

PERFORMANCE FEATURES



Tires

RTS models use pneumatic 12.5 x 16 Sure Grip Loader Lug Tires (Foam filled on 400RTS). The tires are designed for excellent traction for use in soft soil conditions where traction and flotation are required.



Optional Oscillating Axle

The oscillating axle pivots on a central pin, allowing both front wheels to follow the contours of uneven ground providing improved ground contact and mobility while driving when the platform is fully lowered.



35% Gradeability

All models are able to climb an impressive grade of 35%. For more demanding work-sites, models equipped with optional four wheel drive provide an outstanding 45% grade climbing ability.



STANDARD FEATURES

Fully Proportional Drive, Fold Down Handrails (400RTS and 500RTS), Removable Control Box, Enable Button, 12.5 x 16 Sure Grip Loader Lug Tires, Ford VSG-411 32HP Gasoline Engine (25RTS, 33RTS, 40RTS), Ford LSG-423 63HP Gasoline Engine (400RTS and 500RTS), Manual Descent, Voltmeter, Oil Pressure Gauge, Water Temperature Gauge.

AVAILABLE OPTIONS

4 ft. (1.23m) Roll Out Deck Extension¹, Powered Front or Dual Deck Extension², AC Duplex Outlet in the Platform, Platform Work Lights, Air Line to Platform, Four Wheel Drive, Four Wheel Steer, Oscillating Axle, Foam Filled Tires³, High Flotation Tires, Hydraulic Leveling Jacks⁴, Tow Package, Hydraulic Oil Cooler, Head Lights and Tail Lights, 110 Volt/2500 Watt Generator, 5 Degree Tilt Alarm / Light, Travel Alarm, Descent Alarm, All Motion Alarm, Flashing Amber Beacon, Deutz Diesel Engine, Dual Fuel Conversion, Spark Arrestor Muffler⁵, Engine Block Heater⁵, Low Oil Pressure Warning, Cylinder Bellows².

1 - Option available on 25RTS, 33RTS, and 40RTS

2 - Option available on 400RTS and 500RTS

3 - Foam Filled is standard on 400RTS

4 - Standard on 500RTS

5 - Applies to Ford Engine only

The JLG

"1 & 5" Warranty

JLG Industries, Inc. backs our products with our exclusive "1 & 5" Warranty.

We provide coverage on all products for one (1) full year and cover all specified major structural components for five (5) full years.

This warranty represents our commitment to superior quality and manufacturing standards and underscores our pledge of being "The Provider of Choice Worldwide – for Access and Material Handling Equipment."

Due to continuous product improvements, we reserve the right to make specification and/or equipment changes without prior notification. This machine meets or exceeds applicable OSHA Regulations in 29 CFR 1910.67, 29 CFR 1926.453, and ANSI A92.6 - 1990 and CSA Standard (B354), as originally manufactured for intended applications.

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