

# SJ9233/43/53 RT

## ROUGH TERRAIN SCISSORS



### STANDARD FEATURES

- AXLDRIIVE™ Axle-based 4WD system
- Operator controlled locking rear differential and limited slip front differential
- Drivable at full height (except SJ9253 RT)
- Up to 40% gradeability
- Wet disc SAHR brakes (rear axle)
- SKYCODED™ Color coded and numbered wiring system
- On-board visual interface with diagnostic capabilities
- Kubota D1305 Tier 4F diesel engine
- Auto leveling outriggers (SJ9253 RT only)
- Self-centering scissor design to support optional dual extension decks
- Lockable power disconnect switch
- Flashing light
- Proportional controls
- Up to 2,750 lbs (1,247 kg) capacity
- Oversized platform with optimal clearance over side of machine
- Fold down hinged railing system
- Full height entry gates
- 5' (1.52 m) Roll-out extension deck
- High strength and impact resistant composite control box
- Overload sensing system
- 110V AC Outlet on platform with GFI
- Tilt alarm (4.5° x 2.5°) with drive and lift cut-out
- Single point emergency lowering
- Hourmeter
- Operator horn
- All motion alarm
- Tie down / lifting lugs
- Grip lug solid tires
- Telematics ready
- 2-Year Gold Leaf Warranty (5-year structural warranty)

### OPTIONS

- Kubota 31hp WG972 dual fuel engine
- Dual 5' (1.52 m) roll-out extension deck
- Auto leveling outriggers (standard on SJ9253 RT)
- 3.5 kW Belt driven generator
- Welder ready package  
(Includes 7.5 kW hydraulic generator, hydraulic oil cooler, 3-phase power connection in platform)
- Diesel scrubber
- Positive air shut-off valve
- Cold weather start kit  
(Recommended for regions where average monthly low temperatures can reach 14°F / -10°C. Includes hydraulic oil tank heater, battery blanket, coolant or block heater)
- Arctic weather package  
(Recommended for regions where average monthly low temperatures can reach -0.4°F / -18°C. Includes cold weather start kit plus 60/40 coolant, arctic engine and gear oil)
- Heavy duty pipe rack
- Tool caddy
- Material handling stand
- Secondary Guarding Lift Enable (SGLE)
- Bio oil
- ELEVATE telematics
- Non-destructive testing
- Non-marking grip lug, solid tires
- Warranty options (3-year or 5-year plans available)

† Standard lead times may be increased when optional equipment is added, consult factory.  
‡ Capacities and machine weights may differ when options are added.



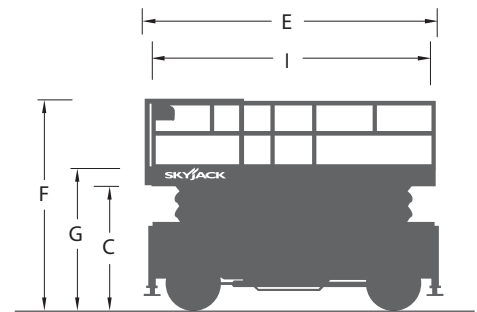
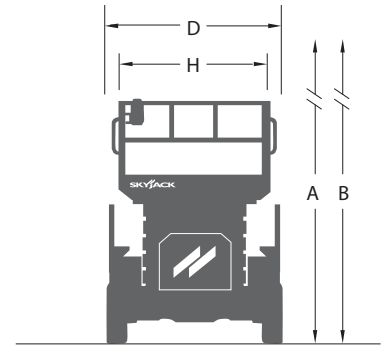
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Aerial Platforms Ltd, Denebrook Court, Greenfold Way, Leigh, WN7 3XJ

# SJ9233/43/53 RT ROUGH TERRAIN SCISSORS

Dimensions	SJ9233 RT	SJ9243 RT	SJ9253 RT
<b>A</b> Work Height	39' (11.89 m)	49' (14.94 m)	59' (17.98 m)
<b>B</b> Raised Platform Height	33' (10.06 m)	43' (13.11 m)	53' (16.15 m)
<b>C</b> Lowered Platform Height	64" (1.62 m)	73" (1.85 m)	82" (2.08 m)
<b>D</b> Overall Width	90.6" (2.30 m)	90.6" (2.30 m)	90.6" (2.30 m)
<b>E</b> Overall Length	174" (4.42 m)	174" (4.42 m)	174" (4.42 m)
<b>F</b> Stowed Height (Rails Up)	107.5" (2.73 m)	116" (2.96 m)	126" (3.19 m)
<b>G</b> Stowed Height (Rails Down)	77" (1.95 m)	85.5" (2.17 m)	94.5" (2.40 m)
<b>H</b> Platform Width (Inside Dimension)	71.65" (1.82 m)	71.65" (1.82 m)	71.65" (1.82 m)
<b>I</b> Platform Length (Inside Dimension)	171.7" (4.36 m)	171.7" (4.36 m)	171.7" (4.36 m)
Specifications	SJ9233 RT	SJ9243 RT	SJ9253 RT
Extension Deck	5' (1.52 m)	5' (1.52 m)	5' (1.52 m)
Ground Clearance	10" (26 cm)	10" (26 cm)	10" (26 cm)
Wheelbase	119" (3.02 m)	119" (3.02 m)	119" (3.02 m)
Weight	13,479 lbs (6,114 kg)	14,879 lbs (6,749 kg)	17,736 lbs (8,045 kg)
Gradeability	40%	40%	35%
Turning Radius (Inside)	128" (3.25 m)	128" (3.25 m)	128" (3.25 m)
Turning Radius (Outside)	252" (6.40 m)	252" (6.40 m)	252" (6.40 m)
Lift Time (With Rated Load)	35 sec	45 sec	69 sec
Lower Time (With Rated Load)	30 sec	40 sec	50 sec
Drive Speed (Stowed)	3.5 mph (5.6 km/h)	3.5 mph (5.6 km/h)	3.5 mph (5.6 km/h)
Drive Speed (Raised)	0.6 mph (1 km/h)	0.6 mph (1 km/h)	0.6 mph (1 km/h)
Maximum Drive Height	Full Height	Full Height	33' (10.06 m)
Capacity (Overall)	2,750 lbs (1,247 kg)	2,000 lbs (907 kg)	1,500 lbs (680 kg)
Main Platform (With 1 Extension Deck)	2,250 lbs (1,021 kg)	1,500 lbs (680 kg)	1,000 lbs (454 kg)
Front Extension Deck	500 lbs (227 kg)	500 lbs (227 kg)	500 lbs (227 kg)
Local Floor Load (With Rated Load)	135 psi (9.49 kg/sq cm)	133 psi (9.35 kg/sq cm)	141 psi (9.91 kg/sq cm)
Overall Floor Load (With Rated Load)	153 psf (747 kg/sq m)	163 psi (796 kg/sq m)	177 psf (864 kg/sq m)
Maximum Wind Rating	28 mph (12.5 m/s)	28 mph (12.5 m/s)	28 mph (12.5 m/s)
Personnel Rating at Max Wind Rating	7	6	5
Tire Type	Solid	Solid	Solid
Tire Size	33 x 12-20	33 x 12-20	33 x 12-20
Diesel Engine	Kubota 24.8 HP D1305	Kubota 24.8 HP D1305	Kubota 24.8 HP D1305
Fuel Tank Capacity	13 gal. (49 L)	13 gal. (49 L)	13 gal. (49 L)
Hydraulic Reservoir	23 gal. (87 L)	23 gal. (87 L)	23 gal. (87 L)



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