

SJ9233/43/53 RT

ROUGH TERRAIN SCISSORS

 **AERIAL TITANS**



STANDARD FEATURES

- AXLDRIVE™ 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

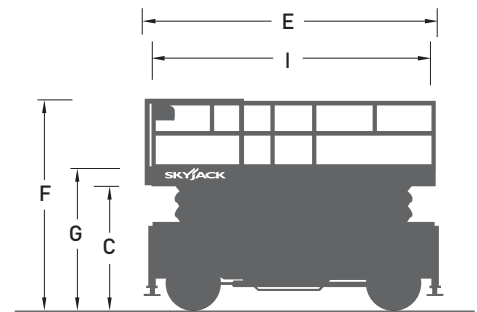
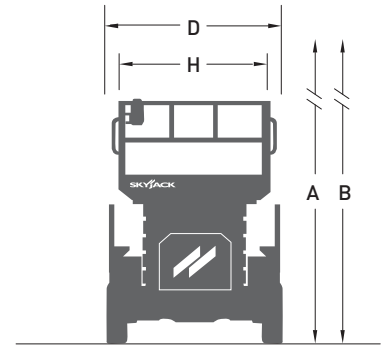
- Dual 5' (1.52 m) roll-out extension deck
- Auto leveling outriggers (standard on SJ9253 RT)
- 3.5 kW Belt driven generator
- Welder ready package
(Includes 7.5 kW hydraulic generator, hydraulic oil cooler, 3-phase power connection in platform)
- Positive air shut-off valve
- Cold weather start kit
(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.

SJ9233/43/53 RT ROUGH TERRAIN SCISSORS

| Dimensions | SJ9233 RT | SJ9243 RT | SJ9253 RT |
|---|-----------------|-----------------|-----------------|
| A Work Height | 39' (11.89 m) | 49' (14.94 m) | 59' (17.98 m) |
| B Raised Platform Height | 33' (10.06 m) | 43' (13.11 m) | 53' (16.15 m) |
| C Lowered Platform Height | 64" (1.62 m) | 73" (1.85 m) | 82" (2.08 m) |
| D Overall Width | 90.6" (2.30 m) | 90.6" (2.30 m) | 90.6" (2.30 m) |
| E Overall Length | 174" (4.42 m) | 174" (4.42 m) | 174" (4.42 m) |
| F Stowed Height (Rails Up) | 9.09' (2.77 m) | 9.91' (3.02 m) | 10.73' (3.27 m) |
| G Stowed Height (Rails Down) | 6.43' (1.96 m) | 7.32' (2.23 m) | 8.27' (2.52 m) |
| H Platform Width (Inside Dimension) | 71.65" (1.82 m) | 71.65" (1.82 m) | 71.65" (1.82 m) |
| I 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% | 32% |
| 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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