

■ Specifications

The S3970RT / S3370RT / S2770RT series machines are scissor-supported elevating work platforms built to conform to the following standards.

OSHA Paragraph 1910.67 Title 29, C.F.R., Vehicle-Mounted Elevating and Rotating Work Platforms - Labour. OSHA Paragraph 1926.556 Title 29, C.F.R., Aerial Lifts - Construction. Australian Standard AS1418-10(Int) 2004 Elevating Work Platforms.

■ General Specifications, Standard Machine S3970RT

| SPECIFICATIONS | S3970RT | |
|---|-------------------|------------------|
| Nominal working height (wheels) | 13.5m | 44.2' |
| Nominal working height (stabilisers) | 13.81 | 45.3' |
| Roll out deck size | 1200mm | 48" |
| Drive speed (below 2.4m) | 0 to 4.5kph | 0 to 2.8mph |
| Drive speed (above 2.4m) | 0 to 0.35kph | 0 to 0.22mph |
| Safe working load - Main deck (Roll out deck not extended) | 350kg | 771lbs |
| Safe working load - Main deck Safe working load - Roll out deck extended | 230kg 120kg | 507lbs 264lbs |
| Platform size | 2.73 x 1.65m | 8' 11" x 5' 5" |
| Stowed height | 2.95m | 9.6' |
| Stowed height (hand rails folded down) | 2.15m | 7' |
| Overall length | 3.36m | 11' 0" |
| Overall width | 1.77m | 5' 9" |
| Gradeability | 30% | |
| Lift time | 50 seconds | |
| Turning radius (inner) | 2.38m | 7' 8" |
| Turning radius (outer) | 4.75m | 15' 6" |
| Maximum wind speed (12.5m/s) | 45km/h | 28mph |
| Insulation rating | Nil | |
| Tyres - Poly filled loader lug | 27" x 10.5" x 15" | |
| Overall weight | 3790kg | 8355lbs |
| Ground clearance | 350mm | 13.8" |
| Maximum sound level at platform | 86db | |
| Stabiliser maximum load | 2075kg | 4574lb |
| Maximum chassis inclination | 2.5°/4° | |

3. Specifications

■ General Specifications, Standard Machine S3370RT

| SPECIFICATIONS | S3370RT | |
|---|-------------------|------------------|
| Nominal working height | 12.12m | 39' 2" |
| Roll out deck size | 1200mm | 48" |
| Drive speed (below 2.4m) | 0 to 4.5kph | 0 to 2.8mph |
| Drive speed (above 2.4m) | 0 to 0.35kph | 0 to 0.22mph |
| Safe working load - Main deck (Roll out deck not extended) | 450kg | 990lbs |
| Safe working load - Main deck Safe working load - Roll out deck extended | 330kg 120kg | 726lbs 264lbs |
| Platform size | 2.73 x 1.65m | 8' 11" x 5' 5" |
| Stowed height | 2.7m | 8' 10" |
| Stowed height (hand rails folded down) | 2.0m | 6' 6" |
| Overall length | 3.36m | 11' 0" |
| Overall width | 1.77m | 5' 9" |
| Gradeability | 35% | |
| Lift time | 50 seconds | |
| Turning radius (inner) | 2.38m | 7' 8" |
| Turning radius (outer) | 4.75m | 15' 6" |
| Maximum wind speed (12.5m/s) | 45km/h | 28mph |
| Insulation rating | Nil | |
| Tyres - Poly filled loader lug | 27" x 10.5" x 15" | |
| Overall weight | 3620kg | 7964lbs |
| Ground clearance | 350mm | 13.8" |
| Maximum sound level at platform | 86db | |
| Stabiliser maximum load | 2075kg | 4574lb |
| Maximum chassis inclination | 2.5°/4° | |
| Allowable manual force | 400N | |

■ General Specifications, Standard Machine S2770RT

| SPECIFICATIONS | S2770RT | |
|---|-------------------|-------------------|
| Nominal working height | 10.28m | 33' 9" |
| Roll out deck size | 1200mm | 48" |
| Drive speed (below 2.4m) | 0 to 4.5kph | 0 to 2.8mph |
| Drive speed (above 2.4m) | 0 to 0.9kph | 0 to 0.6mph |
| Safe working load - Main deck (Roll out deck not extended) | 580kg | 1280lbs |
| Safe working load - Main deck Safe working load - Roll out deck extended | 460kg 120kg | 1015lbs 265lbs |
| Platform size | 2.73 x 1.65m | 8' 11" x 5' 5" |
| Stowed height | 2.5m | 8' 2" |
| Stowed height (hand rails folded down) | 1.7m | 5' 8" |
| Overall length | 3.36m | 11' 0" |
| Overall width | 1.7m | 5' 8" |
| Gradeability | 35% | |
| Lift time | 26 seconds | |
| Turning radius (inner) | 2.83m | 9' 3" |
| Turning radius (outer) | 4.6m | 15' 1" |
| Maximum wind speed (12.5m/s) | 45km/h | 28mph |
| Insulation rating | Nil | |
| Tyres - Poly filled loader lug | 27" x 10.5" x 15" | |
| Overall weight | 2800kg | 6272lbs |
| Ground clearance | 350mm | 13.8" |
| Maximum sound level at platform | 86db | |
| Stabiliser maximum load | 1730kg | 3813lb |
| Maximum chassis inclination | 3.5°/4° | |
| Allowable manual force | 400N | |

3. Specifications

■ Engine Data

| Engine Make | Kubota | | |
|---------------------|--|--|--|
| Model | DF752 | | D902 |
| Fuel | gasoline | LPG | Diesel |
| Fuel grade | Unleaded 85 octane (motor method) Do not use gasoline blended with methyl alcohol. | HD5 Gas Processors Association Standard 2140 Category: special duty propane | ASTM Grade 2-D S5000 Tier 4 Compliance: Low Sulpher ASTM Grade 2-D S500 Centane number >44 (For operating temp. Below 32°F (0°C) use “winterized” number 2-D.) |
| Coolant | 50% water + 50% ethylene glycol | | |
| Maximum temperature | 110°C | | |
| Oil Capacity | 3.7L | | |
| Oil grade | API: Quality better than CD | | |
| Oil weight | See chart below | | |

Engine Oil Charts

□ DF752

| Ambient temperature | Engine oil weight |
|---------------------------------|-------------------|
| Above 77°F (25°C) | SAE30 or 10W30 |
| 32°F to 77°F (0°C) to (25°C) | SAE20 or 10W30 |
| 0°F to 32°F (-17°C) to (0°C) | SAE10W or 10W30 |

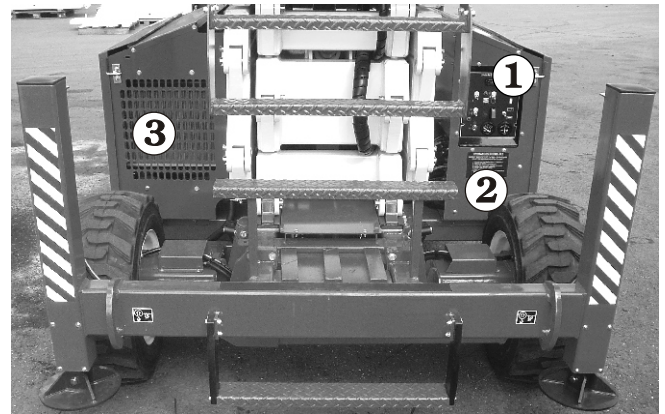
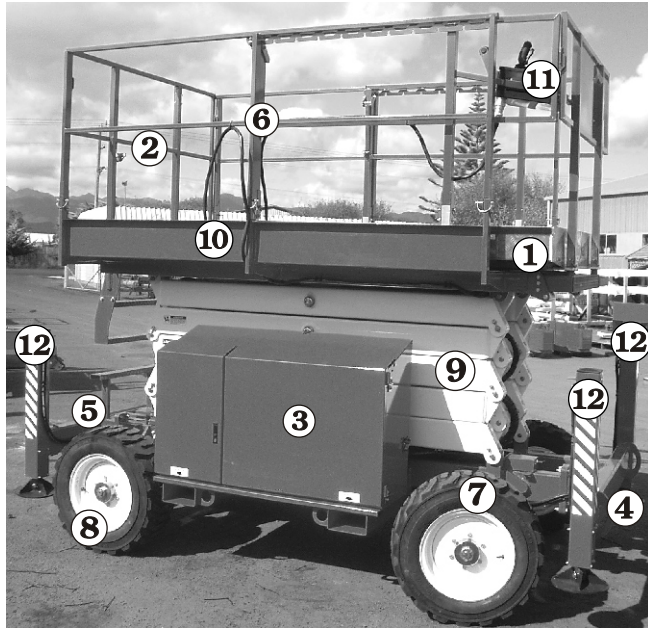
□ D902

| Ambient temperature | Engine oil weight |
|---------------------------------|--------------------------|
| Above 77°F (25°C) | SAE30 or 10W30 10W40 |
| 32°F to 77°F (0°C) to (25°C) | SAE20 or 10W30 10W40 |
| Below 32°F (0°C) | SAE10W or 10W30 10W40 |

NOTE:

For further details regarding lubricants, maintenance schedules and service please refer to the Maintenance and Repair Parts Manual for this machine.

Machine Component Identification



1. Base control panel
2. Serial number plate
3. Engine & fuel compartments

1. Extendable platform
2. Entry gate
3. Hydraulic compartment
4. Front end
5. Rear end
6. Guard rails
7. Steering (front) wheels
8. Rear Wheels
9. Scissor arms
10. Platform
11. Platform control box
12. Stabilisers / outriggers (Option)