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	$2.5^{o}/4^{o}$	

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	$2.5^{O}/4^{O}$	
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	$3.5^{O}/4^{O}$	
Allowable manual force	400N	

■ 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

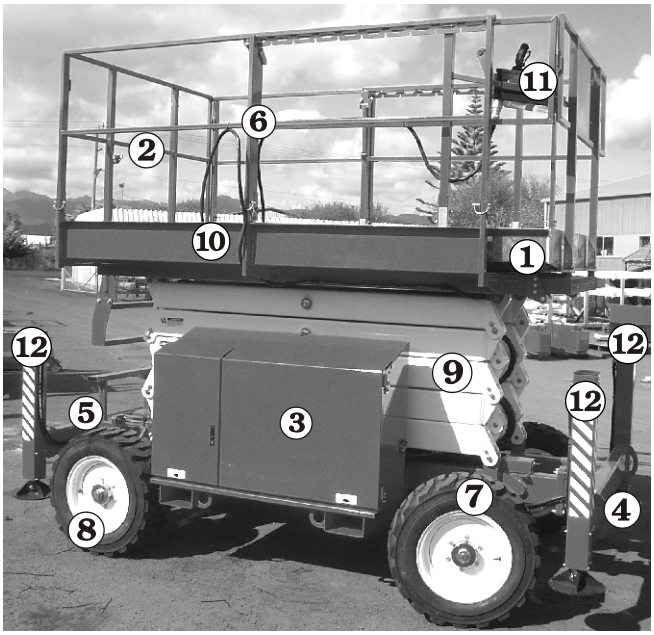
❑ DF752

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

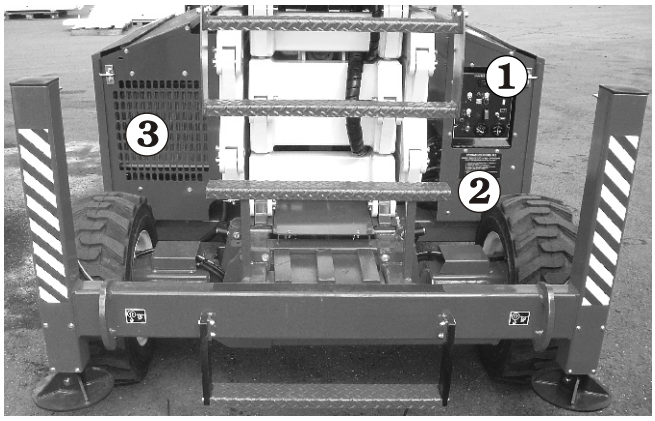
❑ D902

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

Machine Component Identification



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)



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