

# IM 7043 SERIES



ELECTRIC & DIESEL-ELECTRIC SCISSOR LIFTS | INDOOR / OUTDOOR

## IM 7043 RT

### PERFORMANCE

Platform Height 43'  
Working Height 49'

### STANDARD EQUIPMENT

- Manual deck extension (full capacity on extension deck)
- Auto-leveling jacks
- Front driving and steering wheels
- Hydraulic transmission 4WD
- Oscillating front axle
- Negative parking brakes
- Free wheel device
- Manual emergency lowering device
- Proportional controls
- Multi-function indicator on upper control box includes hour meter / battery charge indicator and fault code indicator
- Cylinder holding valves
- Manual deck extension 59 in (1.5 m)
- Tilt sensor with motion cut out and alarms
- Load sensor
- Motion alarm (travel and elevated)
- Rough terrain tires extra grip non-marking
- Removable control box
- Inward fold down railings
- Flashing beacon
- 120 V cable with plug socket and safety cut-out

### ELECTRIC EQUIPMENT

- AC Motor 48V-7.2kW
- Traction Battery 48V 300Ah (C5)
- Battery charger with automatic switch off
- Battery control system with low voltage cut-out protection
- Battery cut-out handle
- Rough terrain tires extra grip non-marking 28" X 9 1/2"

### DIESEL-ELECTRIC EQUIPMENT

- Yanmar water cooled diesel engine
- Start-up battery 12V 66Ah
- Start-up battery alternator
- AC Motor 48V-7.2kW
- Traction Battery 48V 300Ah (C5)
- Battery charger with automatic switch off
- Battery control system with low voltage cut-out protection
- Battery cut-out handle
- Rough terrain tires extra grip non-marking 28" X 9 1/2"



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Driveable at full height and fully extended



Manual deck extension of 59"  
1100 lb Capacity (Stabilized)  
Number of Occupants - 4

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This machine meets or exceeds applicable ANSI and CSA requirements based on machine configuration as originally manufactured for intended applications. R number plate on the machine for additional information.



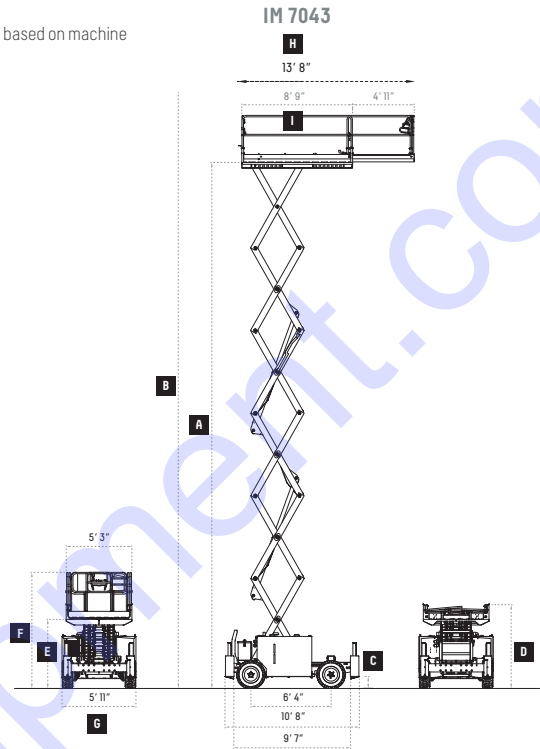
**59"**

deck extension



extension supports  
4 workers

Manual deck extension of 59" (1.5 m)  
for a total length of 13' 8" (4.2 m).  
2 person unit authorized for indoor and outdoor use.



IM 7043	IM 7043 RT E (13180 E)				IM 7043 RT DE (13180 DE)			
	Imperial		Metric		Imperial		Metric	
A Platform Height	ft	43'	mm	12800	ft	43'	mm	12800
B Working Height	ft	49'	mm	14800	ft	49'	mm	14800
C (Pot-hole raised/lowered)	inch	12	mm	300	inch	12	mm	300
D Height Stowed	ft	6' 9"	mm	2056	ft	6' 9"	mm	2056
E Height (ground to platform bottom)	ft	5' 6"	mm	1698	ft	5' 6"	mm	1698
F Height Storage (with guardrails)	ft	9' 8"	mm	2944	ft	9' 8"	mm	2944
G Width (outside tires)	ft	5' 11"	mm	1800	ft	5' 11"	mm	1800
H Platform length - extended	ft	13' 8"	mm	4200	ft	13' 8"	mm	4200
I Platform length	ft	8' 9"	mm	2700	ft	8' 9"	mm	2700
Extension platform length	ft	4' 11"	mm	1500	ft	4' 11"	mm	1500
Capacity (stabilized)*	lb / #	882 (1100) / 4*	kg / #	400 (500) / 4*	lb / #	882 (1100) / 4*	kg / #	400 (500) / 4*
Min. height from chassis to ground	inch	12	mm	300	inch	12	mm	300
Electric drive motors	V / HP	48 / 10	kW	48 / 7.2	V / HP	--	kW	--
Diesel engine - Yanmar	HP	--	kW	--	HP	25	kW	18.8
Lifting power pack - hydraulic type	V / HP	48 / 3	V / kW	48 / 2.1	V / HP	48 / 3	V / kW	48 / 2.1
Lifting / Lowering time (loaded)	sec	36/35	sec	36/35	sec	36/35	sec	36/35
Battery charger	V / A	48/30A	V / A	48/30A	V / A	48/30A	V / A	48/30A
Hydraulic tank capacity	gal	14.8	l	56	gal	14.8	l	56
Drive speed	mp / h	2.5	km / h	4	mp / h	D: 3.4 / E: 2.5	km / h	D: 5.5 / E: 4
Safety traction	mp / h	0.4	km / h	0.6	mp / h	0.4	km / h	0.6
Internal steering radius	ft	5' 7"	m	1.94	ft	5' 7"	m	1.94
Gradeability	2WD: 25% / 4WD: 35%				2WD: 25% / 4WD: 35%			
External steering radius (without stabilizers)	ft-In	15'-10" (14'-10")	m	4.83 (4.52)	ft-In	15'-10" (14'-10")	m	4.83 (4.52)
Tire size (wheel dimension)	inch	28" x 9 1/4"	m	720 x 245	inch	28" x 9 1/4"	m	720 x 245
Max side/longitudinal tilt angle	degrees 2.0 / 2.5				degrees 2.0 / 2.5			
Total weight (without stabilizers)	lb	10360 (10470)	kg	4700 (4750)	lb	10800 (10580)	kg	4900 (4800)

\* 2 people for outdoor use with non-stabilized platform

