

SPECIFICATIONS

ITEM	LX31	LX41	LX50
Platform Size (Inside toeboards)			
Standard	3,97 m x 1,73 m [156 in x 68 in.]	3,97 m x 1,73 m [156 in x 68 in.]	3,97 m x 1,73 m [156 in x 68 in.]
slide-out Deck Extended	4,8 m x 1,73 [190 in. x 68 in.]	4,8 m x 1,73 [190 in. x 68 in.]	4,8 m x 1,73 [190 in. x 68 in.]
Max. Platform Capacity			
Standard	907 kg [2,000 lbs.]	680 kg [1,500 lbs.]	454 kg [1,000 lbs.]
Dual Deck	794 kg [1750 lbs.]	567 kg [1,250 lbs.]	340 kg [750 lbs.]
on Extension	227 kg [500 lbs.]	227 kg [500 lbs.]	227 kg [500 lbs.]
Max. No. of occupants			
Standard	5 people	5 people	4 people
Dual Deck		4 people	3 people
Height			
Working Height	11,4 m [37 ft.]	14,33 m [47 ft.]	17 m [56 ft.]
Max. Platform Height	9,45 m [31 ft.]	12,34 m [40 ft. 6 in.]	15,09 m [49 ft. 6 in.]
Min. Platform Height	1,43 m [56.3 in.]	1,66 m [65.3 in.]	1,93 m [76 in.]
Drivable Height, Standard	9,4 m [31 ft.]	12,3 m [40 ft. 6 in.]	12,34 m [49 ft. 6 in.]
Drivable Height, Dual Deck			12,2 m [40 ft.]
Dimensions			
Weight, Standard	2WD: 4282 kg [9,440 lbs.] 4WD: 4404 kg [9,710 lbs.]	4994 kg [11,010 lbs.] 5117kg [11,280 lbs.]	GAS: 5756 kg [12,690 lbs.] DIES: 5788 kg [12,760 lbs.] GAS: 5879 kg [12,960 lbs.] DIES: 5910 kg [13,030 lbs.]
Weight, Dual Deck	2WD: 4613 kg [10,170 lbs.] 4WD: 4736 kg [10,440 lbs.]	5325 kg [11,740 lbs.] 5448 kg [12,010 lbs.]	GAS: 6087 kg [13,420 lbs.] DIES: 6119 kg [13,490 lbs.] GAS: 6210 kg [13,690 lbs.] DIES:6241 kg [13,760 lbs.]
Overall Width	2,29 m [90 in.]	2,29 m [90 in.]	2,29 m [90 in.]
Overall Height, guardrails up	2,53 m [99.8 in.]	2,77 m [109 in.]	3 m [118.3 in.]
Overall Height, guardrails lowered	1,64 m [64.5 in.]	1,87 m [73.5 in.]	2,1 m [82.5 in.]
Overall Length, deck in	4,06 m [160 in.]	4,06 m [160 in.]	4,06 m [160 in.]
Overall Length, deck extended	4,88 m [192 in.]	4,88 m [192 in.]	4,88 m [192 in.]
Surface Speed			
Platform Lowered	0 to 5,0 km/h [0 to 3.1 mph]	0 to 5,0 km/h [0 to 3.1 mph]	0 to 5,0 km/h [0 to 3.1 mph]
Platform Raised	0 to 0,48 km/h [0 to 0.5 mph]	0 to 0,48 km/h [0 to 0.5 mph]	0 to 0,48 km/h [0 to 0.5 mph]
System Voltage	12 Volt DC	12 Volt DC	12 Volt DC
Hydraulic Tank Capacity	107,13 l [28.3 US Gallons]	107,13 l [28.3 US Gallons]	107,13 l [28.3 US Gallons]
Maximum Hydraulic System Pressure	206,8 bar [3000 psi]	206,8 bar [3000 psi]	206,8 bar [3000 psi]
Hydraulic Fluid			
Normal Temperature (>32° F [0° C])	ISO #46	ISO #46	ISO #46
Low Temperature (<32° F [0° C])	ISO #32	ISO #32	ISO #32
Extreme Temperature (<0° F [-17° C])	ISO #15	ISO #15	ISO #15
Lift System	One Single Stage Lift Cylinder	One Single Stage Lift Cylinder	Two Single Stage Lift Cylinders
Lift Speed	Raise: 40 sec. Lower: 52 sec.	Raise: 45 sec. Lower: 60 sec.	Raise: 80 sec. Lower: 112 sec.
Power Source	Diesel or Gasoline 20 HP Kubota, 3 Cylinder, Water Cooled	Diesel or Gasoline 20 HP Kubota, 3 Cylinder, Water Cooled	Diesel or Gasoline 20 HP Kubota, 3 Cylinder, Water Cooled
Drive Control	Proportional	Proportional	Proportional
Control System	Smooth one-hand Joystick	Smooth one-hand Joystick	Smooth one-hand Joystick
Horizontal Drive	2WD: 2 Wheel, Hyd. Motors 4WD: 4 Wheel, Hyd. Motors	2 Wheel, Hyd. Motors 4 Wheel, Hyd. Motors	2 Wheel, Hyd. Motors 4 Wheel, Hyd. Motors
Tires	10-16.5 NHS 8 Ply	10-16.5 NHS 8 Ply	10-16.5 NHS 8 Ply
Tire Air Pressure	3,4 bar [50psi.]	3,4 bar [50psi.]	NA
Parking Brakes	Dual Disc, Spring Applied, Hydraulic Release	Dual Disc, Spring Applied, Hydraulic Release	Dual Disc, Spring Applied, Hydraulic Release
Turning Radius (inside)	1,22 m [48 in.]	1,22 m [48 in.]	1,22 m [48 in.]
Maximum Gradeability:	2WD: 17° [30%] 4WD: 19° [35%]	17° [30%] 19° [35%]	13,5° [24%] 13,5° [24%]
Wheel Base	2WD: 2,9 m [114.5 in.] 4WD: 2,95 m [116 in.]	2,9 m [114.5 in.] 2,95 m [116 in.]	2,9 m [114.5 in.] 2,95 m [116 in.]
Ground Clearance	0,24 m [9.5 in.]	0,24 m [9.5 in.]	0,24 m [9.5 in.]
Guardrails	1.1 m [43.5 in.] high, Fold Down with gate.	1.1 m [43.5 in.] high, Fold Down with gate.	1.1 m [43.5 in.] high, Fold Down with gate.
Toeboard	152 mm [6 in.] High	152 mm [6 in.] High	152 mm [6 in.] High