

Specifications

Model	S-45
Height, working maximum	15.7 m
Height, platform maximum`	13.7 m
Height, stowed maximum	2.49 m
Horizontal reach, maximum	11.2 m
Width	2.3 m
Length, stowed	8.5 m
Maximum load capacity	227 kg
Maximum wind speed	12.5 m/s
Wheelbase	2.2 m
Turning radius (outside)	4.78 m
Turning radius (inside)	2.03 m
Turntable rotation (degrees)	Continuous
Turntable tailswing	86.4 cm
Controls	12V DC proportional
Platform dimensions, 1.2 m (length x width)	122 x 76 cm
Platform dimensions, 1.5 m (length x width)	152 x 76 cm
Platform dimensions, 1.8 m (length x width)	182 x 76 cm
Platform dimensions, 2.4 m (length x width)	244 x 91 cm
Platform leveling	self-leveling
Platform rotation	160°
AC outlet in platform	standard
Ground clearance	32 cm
Tire size, 2WD Industrial	
front tires only	12.5L-16SL
rear tires only	12-16.5 NHS
Tire size, RT	12-16.5 NHS
Tire size, high flotation	33/16LL500
Fuel tank capacity	76 liters
Hydraulic pressure, maximum (boom functions)	200 bar
System voltage	12V
Weight	7,248 kg

(Machine weights vary with option configurations. See serial label for specific machine weight.)

Airborne noise emissions

Sound pressure level at ground workstation	<84 dBA
Sound pressure level at platform workstation	<76 dBA
Guaranteed sound power level	<102 dBA

Total vibration value to which the hand/arm system is subjected does not exceed 2.5 m/s².

Highest root mean square value of weighted acceleration to which the whole body is subjected does not exceed 0.5 m/s².

Maximum slope rating, stowed position, 2WD

Platform downhill	30%	17°
Platform uphill	15%	9°
Side slope	25%	14°

Maximum slope rating, stowed position, 4WD

Platform downhill	40%	22°
Platform uphill	40%	22°
Side slope	25%	14°

Note: Slope rating is subject to ground conditions and adequate traction.

Drive speeds

Drive speed, stowed	7.7 km/h 12.2 m/5.7 sec
Drive speed, raised or extended – all models	1.1 km/h 12.2 m/40 sec

Floor loading information

Tire load maximum	3855 kg
Tire contact pressure	3.2 kg / cm ² 310 kPa
Occupied floor pressure	1107 kg / m ² 10.5 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

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