

Reachstacker

LRS 545-27 Toplift

Maximum lifting capacity

Row: 1 / 2 / 3
45t / 27t / 13t

Maximum stacking height

8'6" Container: 5 / 4 / 3
9'6" Container: 4 / 3 / 2

Average fuel consumption*

12 - 14l

* depending on operation conditions

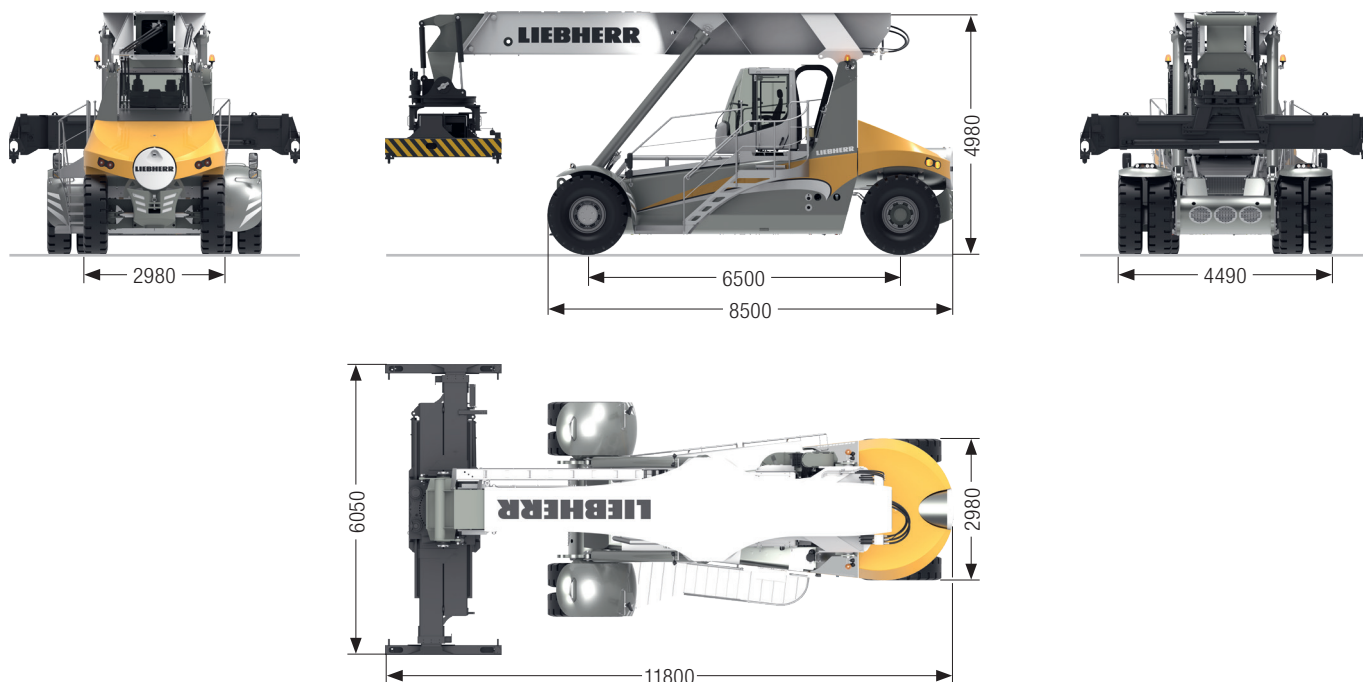


Similar to illustration, may contain special equipment

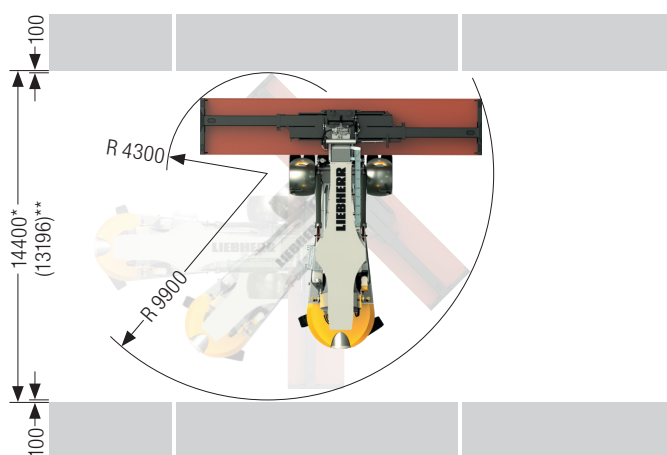
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Dimensions

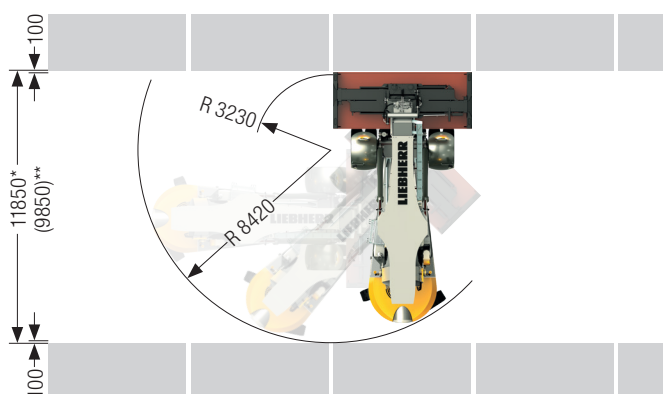
LRS 545-27 Toplift



40' Container



20' Container



* Distance center of front axle to center of spreader = 2000 mm

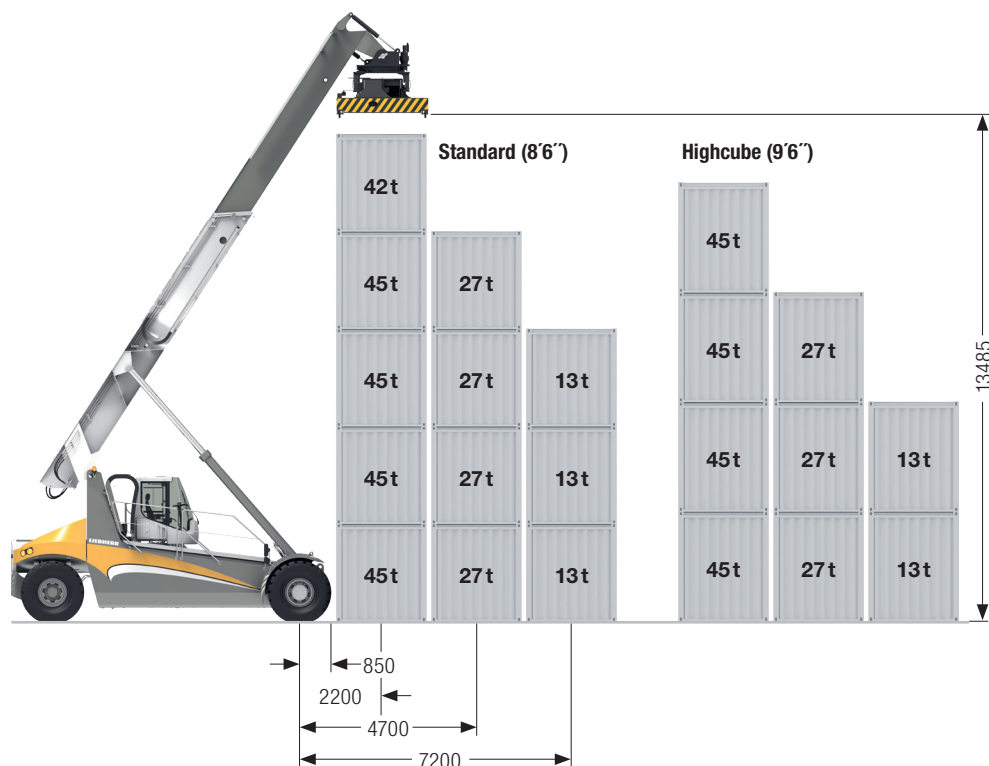
** Distance center of front axle to center of spreader = 0 mm

Dimensions

	Unit	LRS 545-27 Toplift
Overall length of machine	mm	8500
Overall length incl. spreader	mm	11800
Width incl. front wheels	mm	4490
Min. ground clearance	mm	300
Wheelbase	mm	6500
Boom angle (min./max.)	°	0/60.3
Max. lifting height (row 1/2)	mm	14050 (13485/10935)
Min. distance ground to spreader	mm	1865
Seat height	mm	2600
Boom height (min./max.)	mm	4980/16860
Total weight (unladen/laden)	t	65/110

Load Chart

LRS 545-27 Toplift



Load Data

	Unit	LRS 545-27 Toplift (row 1/2/3)
Capacity	t	45/27/13
Distance from centre of tyres to centre of container	mm	2200/4700/7200
Face of tyres to centre of container	mm	1350/3850/6350
Stacking height – 8'6" container		5/4/3
Stacking height – 9'6" container		4/3/2

Driveline

	Unit	LRS 545-27 Toplift
Engine manufacturer/type		Liebherr D944
Emission standard		Stage IV/Tier 4 final
Power		230 kW at 1700 rpm
Torque		1440 Nm at 1350 rpm
Displacement/number of cylinder	cm ³	7964/4
Average fuel consumption	l/h	12 - 14
Tank volume (hydraulic/diesel/AdBlue)	l	1100/500/46
Noise level (inside)	dBa	71
Transmission		stepless/hydrostatic
Operation brake		hydrostatic/wet disc brake
Parking brake		wet disc brake

* depending on operation conditions

Technical Data

LRS 545-27 Toplift

Performance

	Unit	LRS 545-27 Toplift
Drive speed* (unladen / laden)	km/h	25 / 20
Lifting speed (unladen / laden)	m/s	0.40 / 0.25
Lowering speed (unladen / laden)	m/s	0.40 / 0.40
Gradeability (unladen / laden)	%	18 / 10

*forward and backward

Wheels

	Unit	LRS 545-27 Toplift
Tyre type		pneumatic
Tyre dimension		18.00 x 25 / 40PR
Rim dimension		13.00 x 25
Tyre pressure	bar	10
Number of wheels (front / rear)		4 / 2
Track width (front / rear)	mm	3345 / 2437

Lifting Attachments

	Unit	LRS 545-27 Toplift
Spreader type		Toplift
Spreader width (min. / max.)	mm	6050 / 12175
Spreader side shift	mm	+/- 800
Spreader rotation	°	-105 / +195
Mechanical pile slope (mechanical levelling)	°	+/- 3
Power damping (forward / backward)		optional