

TEUPEN® LEO 30T - SPIDER LIFT

Measurements

Platform Height Max	28 m / 91 ft 10 in
Machine Height	1.98 m / 6 ft 6 in
Working Height Max	30 m / 98 ft 5 in
Horizontal outreach with 80kg	15.70 m / 51 ft 6 in
Horizontal outreach with 200kg	14.00 m / 45 ft 11 in
Platform height (A)	1.10 m / 3 ft 7 in
Platform length (B)	1.20 m / 3 ft 11 in
Platform width (C)	0.80 m / 2 ft 8 in
Length, overall (D)	7.20 m / 23 ft 7 in
Length, without basket (E)	1.98 m / 6 ft 6 in
Height, travel position (F)	1.58 m / 5 ft 2 in
Width, minimal overall width (G)	0.27 m / 9 in
Ground clearance, max. (H)	1.92 m x 0.25 m / 6 ft 3 in x 10 in
Length outrigger footprint standard (I)	5.30 m / 17 ft 4 in
Width outrigger footprint standard (J)	4.75 m / 15 ft 7 in
Length footprint one side narrow (K)	6.64 m / 21 ft 9 in
Width footprint one side narrow (L)	3.95 m / 12 ft 11 in
Width footprint both side narrow (M)	2.99 m / 9 ft 9 in
Outrigger plate (L x W)	0.31 m x 0.22 m / 12 in x 8.7 in

Performance

Basket capacity	200 kg / 441 lbs
Movable jib	180°
Basket rotation	180°
Turret rotation	450°
To be jacked up on ground slope of	16.7°/ 30.0 %
Height and width track adjustment	22 & 17 cm / 8 in & 6 in
Gradeability, max	16.7°/ 30.0 %
Slope angle	16.7°/ 30.0 %
Travel Speed	3.0 km/h / 1.9 mph

Weight

Total weight	4300 kg
Live load in travelling position	3.7 kN/m²
Live load in Working position	2.0 kN/m²
Point load per outrigger plate, max	26.0 kN

Power

Standard power sources (Electric and combustion engine)	1) Electric: 230 V, 12.9 A, 2.2kW
	2) Diesel: Kubota D 902-E3 (16.1 kW/21.6hp)

Optional power source	Battery: 80 V
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Fuel Tank capacity Diesel engine	40.0 l
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