

Genie® Self-Propelled Articulating Booms

Z-45 DC & Z-45 FE

Specifications

Model		Z-45 DC	Z-45 FE
Maximum height	14.0 m (45 ft 9 in.)	14.0 m (45 ft 9 in.)	14.0 m (45 ft 9 in.)
Maximum height w/extension	15.5 m (50 ft 8 in.)	15.5 m (50 ft 8 in.)	15.5 m (50 ft 8 in.)
Maximum horizontal reach	5.20 m (17 ft 1 in.)	5.20 m (17 ft 1 in.)	5.20 m (17 ft 1 in.)
Maximum height at 5.20 m	10.7 m (35 ft 1 in.)	10.7 m (35 ft 1 in.)	10.7 m (35 ft 1 in.)
Maximum height at 3.05 m	12.8 m (42 ft 0 in.)	12.8 m (42 ft 0 in.)	12.8 m (42 ft 0 in.)
Maximum height at 1.83 m	13.7 m (44 ft 9 in.)	13.7 m (44 ft 9 in.)	13.7 m (44 ft 9 in.)
Maximum height at 0.91 m	14.0 m (45 ft 9 in.)	14.0 m (45 ft 9 in.)	14.0 m (45 ft 9 in.)
Maximum extension - center	3.05 m (10 ft 0 in.)	3.05 m (10 ft 0 in.)	3.05 m (10 ft 0 in.)

Dimensions

	Z-45 DC	Z-45 FE
Overall width	2.03 m (6 ft 8 in.)	2.03 m (6 ft 8 in.)
Overall depth	2.03 m (6 ft 8 in.)	2.03 m (6 ft 8 in.)
Weight	4,000 kg (8,818 lb)	4,000 kg (8,818 lb)
Weight capacity	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 11.3 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 13.7 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 15.5 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 17.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 18.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 20.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 22.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 23.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 25.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 27.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 28.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 30.5 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 32.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 33.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 35.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 37.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 38.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 40.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 42.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 43.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 45.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 47.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 48.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 50.5 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 52.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 53.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 55.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 57.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 58.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 60.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 62.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 63.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 65.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 67.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 68.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 70.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 72.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 73.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 75.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 77.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 78.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 80.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 82.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 83.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 85.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 87.1 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 88.8 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)
Weight capacity w/extension at 90.4 m	1,133 kg (2,500 lb)	1,133 kg (2,500 lb)</



Merkmale

Hersteller: GENIE Typbezeichnung: Z-45 FE

Bauart:	Gelenk-Teleskop-Arbeitsbühne mit Korbarm	
Arbeitshöhe:	15,92 m	
Plattformhöhe:	13,92 m	
Max. seitr. Reichweite:	6,94 m	
Tragfähigkeit max.:	300 kg	
Korb / Plattform drehbar?:	ja	
Korblänge / Plattformlänge:	0,76 m	
Korbbreite / Plattformbreite:	1,83 m	
Transportlänge:	5,87 m	
Transportbreite:	2,29 m	
Transporthöhe:	2,29 m	
Eigengewicht / Gesamtgewicht:	6568 kg	
Antrieb:	Elektro / Diesel Bi-Energy	
Eignung für Außeneinsatz / Inneneinsatz:	Aussen und Innen	
Geländegängig:	ja	
Steigfähigkeit:	45%	
Schwenkbereich der Arbeitsbühne:	355°	
Raupen- oder Radmobil:	Rad	

Sonderausstattung:

- Permanent aktives Pendelachssystem erhöht die Traktion auf unwegsamem Gelände
- Allradantrieb und 45 % Steigfähigkeit für hervorragende Geländegängigkeit
- Hocheffizienter Drehstromantrieb für verbesserte Fahrleistung und vereinfachte Wartung
- Zwei Betriebsarten, rein elektrisch und Hybrid, bieten herausragende Wirtschaftlichkeit und vielfältige Einsatzmöglichkeiten
- Duales Parallelogramm der Gelenkausleger und Proportionalsteuerung für präzise Auslegerpositionierung und sanfte Bewegungsabläufe
- 1,52 m Korbarm, 135° vertikal schwenkbar zur exakten Positionierung der Plattform

Einsatzbereiche: Zwei Maschinen in einer: die Genie® Z®-45 FE Hybrid-Gelenkteleskoparbeitsbühne ist die perfekte, umweltfreundliche Lösung für hohe Wirtschaftlichkeit und niedrige Betriebskosten. Im reinen Elektromodus bietet die Maschine mit einer einzigen Batterieladung circa einen ganzen Tag lang emissionsfreien

Betrieb. Im „Hybridbetrieb“ kommt sie eine Woche lang mit einer einzigen Tankfüllung aus.