

SELF-PROPELLED ARTICULATING BOOMS Z[®]-45/25 RT & Z[®]-45/25J RT

Genie
A TEREX COMPANY

Specifications



MODELS	Z [®] -45/25 RT	Z [®] -45/25J RT
MEASUREMENTS	Metric	US
Working height maximum ¹	36 m	118 ft 11 in
Platform height maximum ²	16 m	52 ft 6 in
Horizontal reach maximum ³	7.02 m	23 ft
Ground over clearance maximum	7.10 m	23 ft 3 in
Platform length	19 m	62 ft 3 in
Platform width	1.52 m	5 ft
Height - retracted	2.11 m	6 ft 9 in
Length - retracted	5.50 m	18 ft 1 in
Width	2.29 m	7 ft 6 in
Wheelbase	5.10 m	16 ft 9 in
Ground clearance - axle	30 cm	1 ft 0 in

PRODUCTIVITY	227 kg	500 kg
Platform rotation	180°	180°
Vertical lift rotation	180°	180°
Turntable rotation	360°	360°
Turntable tilting	4°	4°
Drive speed - retracted	4 km/h	5 mph
Drive speed - extended	1 km/h	1.1 mph
Gradeability - 2WD - retracted ⁴	30%	30%
Gradeability - 4WD - retracted ⁴	40%	40%
Turning radius - retracted	1.70 m	5 ft 6 in
Turning radius - extended	6.5 m	21 ft 4 in
Controls	12 V DC ground level	12 V DC ground level
Type	3000-DIG	3000-DIG

POWER	12 V DC	12 V DC
Power source	12 V DC 400 A battery pack (UPS 75-100 kWh)	12 V DC 400 A battery pack (UPS 75-100 kWh)
Hydraulic power and	12 V DC 120 W	12 V DC 120 W
Hydraulic tank capacity	90 L	90 L
Fuel tank capacity	68 L	68 L

WEIGHTS	227 kg	500 kg
GS 200 (air level)	6,210 kg	13,675 kg
GS 400 (air level)	6,290 kg	13,875 kg
GS 200 (boom lifted level)	6,500 kg	14,300 kg
GS 400 (boom lifted level)	6,580 kg	14,500 kg

STANDARDS COMPLIANCE CE, EN1570, EN1571-1, EN1571-2

¹ The maximum height of the platform is 36 m (118 ft 11 in) when the boom is fully extended.
² The maximum height of the platform is 16 m (52 ft 6 in) when the boom is fully extended.
³ The maximum reach of the platform is 7.02 m (23 ft) when the boom is fully extended.
⁴ The maximum gradeability is 30% when the boom is fully extended.

