LiuGong

TD-16N

CRAWLER DOZER

ENGINE	OPERATING WEIGHT	NET POWER	BLADE CAPACITY
Cummins B6.7	45,570 lb	173 hp @ 2,200 rpm	5.8 yd³



XTRACARE
WARRANTY

TD-16N SPECIFICATIONS >>>

ENGINE

Model	Cummins B6.7
Emission regulation	EPA Tier 4F / EU Stage V
Net power (2,200 rpm) ISO 9249 / SAE J1349	173 hp (129 kW)
Engine power - Maximum (2,000 rpm) ISO 14396	194 hp (145 kW)
Peak torque	650 lb-ft (881 N·m) @ 1,300rpm
Bore and stroke	4.21 in × 4.88 in (107 mm ×124 mm)
Displacement	408 in³ (6.7L)
Aspiration	Turbocharged & CAC

ELECTRICAL SYSTEM

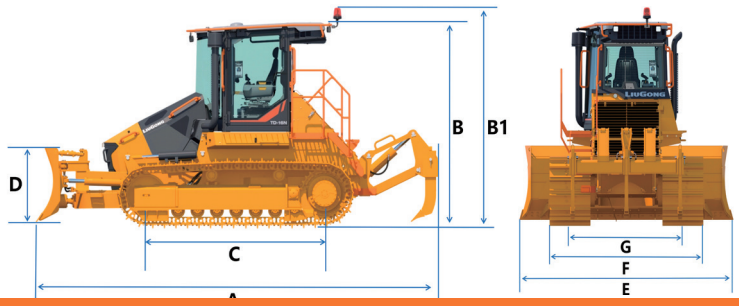
Voltage	24 V
Number of batteries	2
Alternator rating	120 A
Battery capacity	960 CCA

POWERTRAIN

Transmission	Hydrostatic drive, dual-path
Steering	Single level steering, speed, direction control, and counter-rotation
Final drives	Double-reduction final drives mounted directly to the track frames
Maximum travel speed	6.5 mph (10.5 km/h)
Maximum drawbar pull	68,567 lbf (305 kN)

UNDERCARRIAGE

Suspension	Oscillation-type with pinned equalizer bar and forward mounted pivot shafts
Track type	Single grouser track, sealed and lubricated
Track shoe width	30 in (762 mm)
Track pitch	8 in (203.2 mm)
Shoes, each side	44
Top idlers, each side	2
Track rollers, each side	7
Ground pressure	5.48 psi (37.78 kPa)



HYDRAULIC SYSTEM

Type	Load sensing hydraulic system
Pump type	Piston pump, variable-displacement
Pump displacement	29.8 gpm (113 L/min)
System relief pressure	3,625 psi (25 Mpa)

BLADE SPECS

Type	6-way (VPAT)
Blade capacity	5.8 yd³ (4.4 m³)
Blade lift height	43.3 in (1,100 mm)
Blade digging depth	23.6 in (600 mm)
Blade tilt	19.8 in (504 mm)
Blade angle	25°

RIPPER SPECS

Type	Three-shank ripper
Ripper digging depth	28 in (680 mm)
Ripper penetration force	16,860 lb (75 kN)
Ripper pryout force	70,140 lb (312 kN)

DIMENSIONS

A Overall length with ripper	23 ft 3 in (7,090 mm)
B Overall height - cab	11 ft 1 in (3,390 mm)
B1 Overall height - beacon	12 ft 3 in (3,750 mm)
C Track length on ground	10 ft 4 in (3,140 mm)
D Blade height	48.42 in (1,446 mm)
E Blade width / folded blade width	156.7 in / 113.9 in (3,980 mm / 2,893 mm)
F Width over track	9 ft 5 in (2,860 mm)
G Track gauge	6 ft 11 in (2,100 mm)

OPERATING WEIGHT

Operating weight with ripper	45,570 lb (20,670 kg)

SERVICEABILITY

Fuel tank	99 US gal (375 L)
Cooling system	16.8 US gal (64 L)
Engine oil	4.9 US gal (18.5 L)
Final drive, each side	1.6 US gal (6 L)
Hydraulic reservoir	55.3 US gal (210 L)
AdBlue (DEF)	7.9 US gal (30 L)

MHVP PTY LTD
11 Des Young Drive, Moree, NSW, 2400
Call us on: (02) 6752 4082
E: paul@mhvp.com.au

Specifications and designs are subject to change without notice. Machines shown may include optional equipment.
LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.