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
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# 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

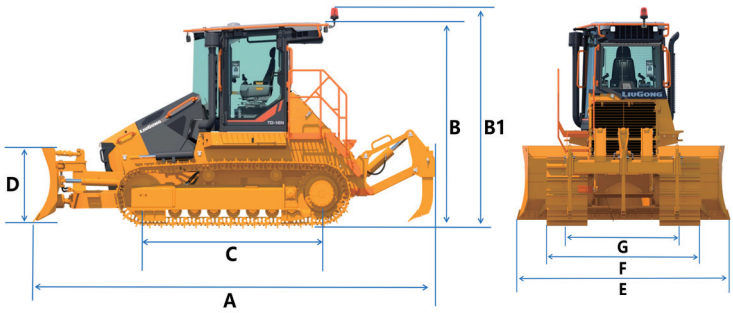
| | |
|---|---|
| Voltage | 24 V |
| Number of batteries | 2 |
| Alternator rating | 120 A |
| Battery capacity | 960 CCA |

## 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) |

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12/2025 Designed by LiuGong

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. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.