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Caterpillar 277B Compact Track Loader

CATEGORY: COMPACT TRACK LOADERS →
MANUFACTURER: CATERPILLAR →
MODEL: 277B →

The Caterpillar 277B Compact Track Loader boasts impressive dimensions and performance capabilities, making it a versatile and efficient machine for a variety of job sites. With a powerful engine and hydraulic system, this loader offers a high level of productivity and reliability. Its compact size and maneuverability, combined with a range of operating specifications and weights, make it an ideal choice for construction, landscaping, and agriculture applications. Learn more about the features and capabilities of the Caterpillar 277B in the detailed specifications below.

[See all Caterpillar 277Bs for sale](#)

General Specifications

Cab

FOPS	SAE J/ISO 3449 APR98 Level I ISO 3449:1992 Level I
FOPS Level II	SAE J/ISO 3449 APR98 Level II ISO 3449:1992 Level II

ROPS

SAE J1040 MAY94 ISO 3471:1994

Dimensions

Bucket Pin Height - Carry Position	10 in (25 cm)
Bucket Pin Height - Maximum Lift	10 ft (3 m)
Clearance at Max Lift and Dump	8 ft (2 m)
Clearance at Maximum Lift and Dump	93 in (236 cm)
Ground Clearance	14 in (36 cm)
Height - Top of Cab	7 ft (2 m)
Length - Track on Ground	81 in (206 cm)
Length - with Bucket	12 ft (4 m)
Length - With Bucket on Ground	145 in (368 cm)
Maximum Overall Height	158 in (401 cm)
Maximum Reach - With Arms Parallel	57 in (146 cm)
Overall Length - Track	98 in (249 cm)
Reach at Max Lift and Dump	2 ft (1 m)
Reach at Maximum Lift/Dump	27 in (69 cm)
Turn Radius from Center - Bucket	99 in (251 cm)
Turn Radius from Center - Coupler	63 in (160 cm)
Turn Radius from Center - Rear	61 in (154 cm)

Turning Radius from Center - inc bucket	99 in (251 cm)
Turning Radius from Center - machine rear	61 in (155 cm)
Vehicle Width	75 in (190 cm)
Width Over Tracks	6 ft (2 m)

Engine

Aspiration	turbocharged
Bore	4 in (9 cm)
Displacement	201 cu in (3,294 cu cm)
Engine Model	Cat 3044C DIT
Engine Power - ISO 14396	80 hp (60 kw)
Gross Power	82 hp (61 kw)
Gross Power - SAE J1995	82 hp (61 kw)
Net Power	78 hp (58 kw)
Net Power - EEC 80/1269	78 hp (58 kw)
Net Power - ISO 9249 EEC	78 hp (58 kw)
Net Power - SAE 1349	78 hp (58 kw)
Stroke	5 in (12 cm)

Hydraulic System

Hydraulic Flow	Standard
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Hydraulic Power	43 hp (32 kw)
Loader Hydraulic Flow	22 gpm (83 lpm)
Loader Hydraulic Pressure	3335 psi
Pump Flow	22 gpm (83 lpm)
Relief Valve Pressure	3335.9 psi

Loader

Breakout Force	5,483 lbs (2,487 kg)
Operating Load	2,950 lbs (1,338 kg)
Tipping Angle	5899.6 degrees

Operating Specifications

Alternator Supplied Amperage	90 amps
Breakout Force - Tilt Cylinder	5,484 lbs (2,488 kg)
Cooling System Fluid Capacity	3 gal (10 l)
Engine Oil Capacity	3 gal (10 l)
Fuel Capacity	25 gal (95 l)
Ground Contact Area	2,898 cu in (47,490 cu cm)
Ground Pressure	3.1 psi
Hydraulic System Fluid Capacity	14 gal (52 l)
Max Speed - high range	7 mph (11 kph)

Operating Voltage	12 volts
Operating Weight	9,370 lbs (4,250 kg)
Rated Operating Capacities - 35% Tipping Load	2,065 lbs (937 kg)
Rated Operating Capacities - 50% Tipping Load	2,950 lbs (1,338 kg)
Tipping Load	5,900 lbs (2,676 kg)

Power Train

Travel Speed Forward	7 mph (11 kph)
Travel Speed Reverse	7 mph (11 kph)

Service Refill Capacities

Cooling System	3 gal (10 l)
Engine Crankcase	3 gal (10 l)
Fuel Tank	25 gal (95 l)
Hydraulic System	14 gal (52 l)
Hydraulic Tank	9 gal (35 l)

Undercarriage

Ground Contact Area	2,899 cu in (47,500 cu cm)
Ground Pressure	3.2 psi

Length of Track on Ground7 ft (2 m)

Weights

Operating Weight9,411 lbs (4,269 kg)

Caterpillar 277Bs currently for sale

A 2005 Caterpillar 277B From Schmidt Equipment Inc. for \$16,900.00 USD

A 2005 Caterpillar 277B From United Construction & Forestry for \$16,900.00 USD

**Our Main Office**

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