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Home/ Specifications/ Skid Loader with Steer/ Case/ 450 serie III Length with bucket 3570 mm Length without bucket 2790 mm Between tyres width 1830 mm Height to cab upper part 2110 mm Ground clearance at maximum lifting and unloading 2400 mm Wheelbase 1190 mm Clearance 234 mm Radius at maximum lifting and unloading 671 mm Machine rear swing radius from center 1350 mm Turning radius with bucket from center 2150 mm Working weight 3915 kg Fuel Capacity 78.3 l. Cooling system fluid volume 11.4 l. Engine oil volume 12 l. Hydraulic system fluid volume 64.3 l. Chain transmission fluid volume on either side 7.6 l. Working speed 10 km/h Maximum speed 10 km/h Tyre size 12.00 x 16.5 10 layers Operating voltage 12 V Generator current strength 95 amperes Manufacturer Case Model 445T/M3 diesel III Level III certified Full power 67 kW Effective power 62 kW Power measured at 2300 rev / min Displacement 4.5 l. Aspiration turbocharging Cylinders number 4 Bucket volume 0.48 m3 Workload range 1111 kg Tipping load 2223 kg Breakout power 2580.5 kg Type of pump gear type pump Pump bandwidth 83 l/min Overflow valve pressure 21029 kPa 1. Length with bucket 3570 mm 2. Between tyres width 1830 mm 3. Height to cab upper part 2110 mm 4. Wheelbase 1190 mm 5. Clearance 234 mm 6. Length without bucket 2790 mm 7. Ground clearance at maximum lifting and unloading 2400 mm 8. Radius at maximum lifting and unloading 671 mm Dimensions A Length With Bucket B Width Over Tires C Height To Top Of Cab F Length W/O Bucket G Clearance At Max Lift And Dump H Reach At Max Lift And Dump I Turning Radius From Center - Machine Rear J Turning Radius From Center - Inc Bucket Home » Case » Case 450 Manufacturer Case Model 450 Type Skid steer loader Lift Design Radial Years Made 2005-2007 The Case 450 specs shown below are from Series 3. US Metric Horsepower 90.0 HP 67.1 kW Lifting Capacity (35% Tipping) Lifting Capacity (50% Tipping) 2450 lbs 1111.3 kg Operating Weight 8630 lbs 3914.5 kg Tipping Load 4900 lbs 2222.6 kg Lift Breakout Force 5689 lbs 2580.5 kg Tilt Breakout Force 7213 lbs 3271.8 kg Max. Travel Speed 6.2 mph 10.0 km Optional High Speed 11.3 mph 18.1 km Raise Lift Arms 3.5 sec Lower Lift Arms 2.2 sec. Bucket Rollback 1.6 sec. Bucket Dump 2.2 sec. US Metric Pump Flow 21.9 GPM 83.0 LPM Relief Pressure 3050 psi 210.3 Bar Optional Flow 41.8 GPM 158.0 LPM Hydraulic Capacity 17.0 gal 64.4 L Manufacturer Case Model 445T/M3 Type Diesel Cylinders 4 Emissions Tier III Rated Speed 2300 RPM Torque Power 1300 RPM Combustion Direct injection Compression Ratio 17:1 Firing Order 1-3-4-2 US Metric Gross Power 90.0 HP 67.1 kW Net Power 83.0 HP 61.9 kW Displacement 273.7 cu in 4.485 cc Bore 4.1 in 10.4 cm Stroke 5.2 in 13.2 cm Peak Torque 288 ft-lb 390.5 N-m Coolant Capacity 3.0 gal 11.4 L Engine Oil Capacity 3.2 gal 12.0 L Fuel Tank Capacity 20.7 gal 78.3 L US Metric Height 83.2 in 211.3 cm Bucket Hinge Pin 124.5 in 316.2 cm Width 72.2 in 183.2 cm Length 140.7 in 357.4 cm Dump Height 94.4 in 239.8 cm Dump Reach 26.4 in 67.1 cm Ground Clearance 9.2 in 23.4 cm Dump Angle 44° Rollback Angle 30° Departure Angle 26° Front 12 x 16.5 Rear 12 x 16.5 Find Case 450 Parts on Amazon 1 Select Type: -- Select Type -- Skid Steer Loader Compact Track Loader 2 Select Manufacturer: -- Select Manufacturer -- 3 Select Model: -- Select Model -- Skip to content Length With Bucket 11.72 ft in (3570 mm) Width Over Tires 6.01 ft in (1830 mm) Ground Clearance 9.22 in (234 mm) Height To Top Of Cab 6.93 ft in (2110 mm) Wheelbase 3.91 ft in (1190 mm) Length W/O Bucket 9.16 ft in (2790 mm) Clearance At Max Lift And Dump 7.88 ft in (2400 mm) Reach At Max Lift And Dump 26.42 in (671 mm) Turning Radius From Center - Machine Rear 53.15 in (1350 mm) Turning Radius From Center - Inc Bucket 84.65 in (2150 mm) Number Of Cylinders 4 Engine Make Case Engine Model 445T/M3 diesel Tier III certified Gross Power 89.9 hp (67 kw) Net Power 83.2 hp (62 kw) Power Measured @ 2300 rpm Aspiration Turbocharged Displacement 274.7 cu in (4.5 L) Operational Weight 8631 lb (3915 kg) Fuel Tank Capacity 20.7 gal (78.3 L) Cooling System Fluid Capacity 3.1 gal (11.4 L) Engine Oil Fluid Capacity 3.2 gal (12 L) Max Speed 6.3 mph (10 km/h) Hydraulic System Fluid Capacity 17 gal (64.3 L) Chain Box Fluid Capacity - Each Side 2.1 gal (7.6 L) Operating Speed 6.3 mph (10 km/h) Tire Size 12.00 x 16.5 10 ply Operating Voltage 12 V Alternator Supplied Amperage 95 amps Breakout Force 5689 lb (2580.5 kg) Operating Load Rating 2449 lb (1111 kg) Tipping Angle 4900.9 degrees (4900.8758 degrees) Bucket Capacity 0.7 yd3 (0.5 m3) Pump Type Gear Pump Flow Capacity 22 gal/min (83 L/min) Relief Valve Pressure 3050 psi (21029 kPa) Engine Operational Cooling System Fluid Capacity Engine Oil Capacity Hydraulic System Fluid Capacity Alternator Supplied Amperage Max Speed - Low Range Max Speed - High Range Loader Hydraulic Home / Compact Track Loaders / Case Compact Track Loaders / Case 450CT The Case 450CT compact track loader is powered by 274 cu.in (4.5L) Case 445T/M2 four-cylinder direct injection turbocharged diesel engine with a rated power of 89 hp (66 kW). The Case 450CT is equipped with a two-speed hydrostatic transmission, planetary single reduction, 17.7" (450 mm) rubber tracks with steel inserts, and radial-lift loader boom. The hydraulic system has a pump with fluid flow rate of 21.9 gpm (83 lpm). The hydraulic pressure is 3050 psi (210 bar). The track loader has a rated operating capacity of 2700 lbs (1225 kg) and tipping load of 7716 lbs (3500 kg). The lift height is 124.5" (3160 mm) to hinge pin, and dump height is 94.5" (2400 mm). Engine Model Case 445T/M2 Engine Type 4-Stroke direct injection turbocharged diesel Number of Cylinders 4 Displacement, cu in (L) 274 (4.50) Engine Bore, in (mm) 4.1 (104.0) Engine Stroke, in (mm) 5.2 (132.0) Aspiration Turbocharged Rated Engine Power, hp (kW) 89.0 (66.0) Rated Engine Speed, rpm 2300 Maximum Torque, Nm (ft-lb) 357 (263) Torque Speed, rpm 1400 High Idle Speed, rpm 2450 Low Idle Speed, rpm 1100 Firing Order 1-3-4-2 Fuel System Injection pump Fuel Filter Type In-line strainer Governor Type Mechanical Lubricating System Positive pressure Oil Filter Type Full-flow cartridge Cooling System Pressurized Water Pump Type Integral Air Cleaner Type Dry element Fuel Tank Capacity, gal (L) 20.7 (78.3) Oil Capacity, qts (L) 12.7 (12.0) Coolant Capacity, qts (L) 18.0 (17.0) Electrical System Rating, Volts 12 Charging System Alternator Alternator Rating, Amps 95 Drive System Type Hydrostatic direct drive Number of Gears 2 (low/high) Drive Pump Type Tandem, axial-piston Drive Motor Type Fixed displacement, radial piston Final Drive Type Single reduction planetary Brakes Type Hydraulic wet disc Forward Speed (Low), mph (kph) 5.1 (8.2) Forward Speed (High), mph (kph) 8.0 (12.8) Reverse Speed (Low), mph (kph) 5.1 (8.2) Reverse Speed (High), mph (kph) 8.0 (12.8) Tracks Type Rubber with steel inserts Track Adjustments Hydraulic Track Width (Std), in (mm) 17.7 (450) Track Width (Opt), in (mm) 15.7 (400) Ground Pressure (Std Track), psi (Bar) 4.8 (0.311) Ground Pressure (Opt Track), psi (Bar) 5.4 (0.372) Track Rollers (per side) 4, triple flange Front Idler Diameter, in (mm) 13.7 (350) Rear Idler Diameter, in (mm) 11.4 (290) Sprocket Teeth Number 17 Hydraulic System Type Open center Hydraulic Pump Type Gear Pump Flow (Standard), gpm (Lpm) 21.9 (83.0) Pump Flow (High Flow), gpm (Lpm) 41.8 (158.0) System Pressure, Bar (psi) 210 (3050) Hydraulic Reservoir Capacity, gal (L) 6.5 (24.5) Hydraulic System Capacity, gal (L) 17.0 (64.3) Number of Valves 3 Rated Operating Capacity (35% tipping load), lbs (kg) 2700 (1225) Rated Operating Capacity (50% tipping load), lbs (kg) 3858 (1750) Tipping Load, lbs (kg) 7716 (3500) Boom Lifting Force, lbs (kg) 5290 (2405) Bucket Breakout Force, lbs (kg) 6200 (2820) Loader Boom Type Radial-lift Length (Track On Ground), in (mm) 64.7 (1645) Length (w/o Bucket), in (mm) 108.7 (2770) Length (Bucket On Ground), in (mm) 140.8 (3590) Width (w/o Bucket), in (mm) 65.4 (1660) Height (Operator Cab), in (mm) 150.3 (3820) Height to Hinge Pin (Fully Raised), in (mm) 124.5 (3160) Dump Angle At Max Height, deg 40 Dump Height (Fully Raised), in (mm) 94.5 (2400) Dump Reach At Max Height, in (mm) 30.7 (780) Rollback Angle At Max Height, deg 30 Rollback Angle At Ground Level, deg 55 Departure Angle, deg 39 Bucket Width, in (mm) 84 (2130) Ground Clearance, in (mm) 9 (230) Shipping Weight, lbs (kg) 10100 (4580) Operating Weight, lbs (kg) 10915 (4950) COMPACT TRACK LOADERS SPECIFICATIONS ASV RC-30 RT-40 RT-60 RT-75 VT-70 All Models Bobcat T140 T300 T590 T650 T740 All Models Caterpillar 239D3 247B3 279C 289C 299C All Models Case 420CT 450CT TR270 TR340B TV380 All Models Gehl CTL55 CTL65 CTL85 RT210 VT320 All Models John Deere 317G 323D 329E 331G 333E All Models New Holland C175 C190 C227 C232 C238 All Models Steve Mcsweeny/Moment Open/Getty Images Specifications for a Case 450 bulldozer include a weight of 10,040 lbs. and a height of 85 inches to the top of the exhaust stack. The Case 450 bulldozer has a ground clearance of 12 inches, notes Murphy Tractor & Equipment Co. The Case 450 bulldozer is seven feet, one inches wide and 13 feet, 10 inches long with the blade angled. The blade is 95 and three eighths of an inch by 35 inches. The top speed of the bulldozer is 5.81 miles per hour in forward drive and 6.39 in reverse. In first gear it can reach 1.59 mph in forward drive or 1.75 mph in reverse. The Case 450 bulldozer can dig 18 inches below the ground. It can lift to 32 inches above the ground. With a straight blade, its turning circle clearance is 18 feet, four inches. The tracks of the Case 450 have a standard gauge of 50 inches. The standard track shoes are 12-inch grouser. It has five lower track rollers on each side, and these have been permanently lubricated and sealed, with bronze bearings. The length of the tracks on the ground is 68.5 inches. The ground pressure from the tracks is 6.71 per square inch. MORE FROM REFERENCE.COM CASE Construction Equipment's rich, proud history spans more than 170 years. Growing from J.I. CASE's innovations in steam-powered machinery in the late 1800s, CASE developed... Show More CASE Construction Equipment's rich, proud history spans more than 170 years. Growing from J.I. CASE's innovations in steam-powered machinery in the late 1800s, CASE developed road-building equipment that helped create 20th century streets and highways across the world. By the early 1900s, CASE was well on its way to establishing itself as a full-line manufacturer of construction equipment including Compact Track Loaders, Compaction Equipment, Crawler Dozers, Compact Excavators, Excavators - Standard, Excavators - Wheeled, Forklifts, Loader Backhoes, Loader Tool Carriers, Motor Graders, Skid Steer Loaders, Telehandlers, Compact Wheel Loaders, Wheel Loaders and Attachments. Browse All Case or Skid Steer Loader Models Contents: Length With Bucket 11.74 ft in (3590 mm) Width Over Tires 5.38 ft in (1640 mm) Ground Clearance 9.1 in (231 mm) Height To Top Of Cab 6.67 ft in (2030 mm) Wheelbase 3.83 ft in (1170 mm) Length W/O Bucket 9.06 ft in (2770 mm) Clearance At Max Lift And Dump 7.88 ft in (2400 mm) Reach At Max Lift And Dump 26.7 in (678 mm) Turning Radius From Center - Machine Rear 62.2 in (1580 mm) Turning Radius From Center - Inc Bucket 84.3 in (2140 mm) Number Of Cylinders 4 Engine Make Case Model Family III 445T/M2, Tier II certified Gross Power 88 hp (65.7 kw) Net Power 82 hp (61.2 kw) Power Measured @ 2300 rpm Aspiration turbocharged Displacement 274 cu in (4.5 L) Operational Weight 8830 lb (4005 kg) Fuel Capacity 20.7 gal (78.3 L) Cooling System Fluid Capacity 4.5 gal (17 L) Engine Oil Fluid Capacity 3.2 gal (12 L) Max Speed 12.3 mph (19.8 km/h) Hydraulic System Fluid Capacity 17 gal (64.3 L) Chain Box Fluid Capacity - Each Side 2 gal (7.6 L) Tire Size 12.00 x 16.5 Operating Voltage 12 V Alternator Supplied Amperage 95 amps Breakout Force 6200 lb (- -) Operating Load Rating 2450 lb (1111 kg) Tipping Angle 4900 degrees Bucket Capacity 0.7 yd3 (0.5 m3) Pump Type Gear pump Pump Flow Capacity 22.1 gal/min (83.9 L/min) Relief Valve Pressure 3000 psi (20684.3 kPa) Heavy Haulers offer trustworthy and reliable transportation services for all varieties of freight including shipments of individual, commercial, and heavy machinery. Click To See All Of Our Videos Skid Steer Loader // Case Case 450 SERIES III Skid Steer Loader is equipped with 445T/M3 diesel Tier III certified 89.9hp (gross power) engine. Combine value of all its cylinders is 274.7cu in (displacement). Case 450 SERIES III's fuel capacity is 20.7gal. It comes with 3.1gal and 17gal cooling system fluid capacity and hydraulic system fluid capacity respectively. Case 450 SERIES III loader has 5689lb breakout force and 4900.9degrees tipping angle. Its length with bucket is 11.72ft in and length without bucket is 9.16ft in. Case 450 SERIES III's height to top of cab is 6.93ft in. And its wheelbase is 3.91ft in. Length With Bucket: 11.72ft in Width Over Tires: 6.01ft in Ground Clearance: 9.22in Height to Top of Cab: 6.93ft in Wheelbase: 3.91ft in Length W/O Bucket: 9.16ft in Clearance at Max Lift and Dump: 7.88ft in Reach at Max Lift and Dump: 26.42in Engine Make: 2239 Engine Model: 445T/M3 diesel Tier III certified Gross Power: 89.9hp Displacement: 274.7cu in Net Power: 83.2hp Fuel Capacity: 20.7gal Cooling System Fluid Capacity: 3.1gal Hydraulic System Fluid Capacity: 17gal Max Speed: 6.3mph Chain Box Fluid Capacity Each Side: 2.1gal Operating Speed: 6.3mph Tire Size: 12.00 x 16.5 10 ply Breakout Force: 5689lb Operating Load Rating: 2449lb Tipping Angle: 4900.9degrees Pump Flow Capacity: 22gal/min Relief Valve Pressure: 3050psi Equipment specs and information guide for farmers and construction professionals around the world! © 2025 Specs Front - Equipment Data. Terms & Conditions Privacy Go to top Engine Engine Model 445T/M3 diesel Tier III certified Operational Operational Weight Cooling System Fluid Capacity Engine Oil Fluid Capacity Hydraulic System Fluid Capacity Chain Box Fluid Capacity - Each Side Tire Size Alternator Supplied Amperage Loader Operating Load Rating Tipping Angle Hydraulic Pump Flow Capacity Relief Valve Pressure Make Case Model 450CT Type Compact Track Loader Standard Flow 22. GPM High Flow 37. GPM Pressure 3000 PSI Hydraulic HP Standard Flow 38. HP Hydraulic HP High Flow 65.1 HP Engine HP 82 HP Width 82.6 in. Lift Capacity at 35% 2700 lb. Lift Capacity at 50% 3857. lb. Operating Weight 10915 lb. Tire Size You've come to the right place!