

CASE

CONSTRUCTION

COMPACT TRACKED SKID STEER **440CT**



Operating load
Engine Horsepower
Operating weight

1361 kg
66 kW - 89 hp
4043 kg

P R O F E S S I O N A L P A R T N E R

DRIVING FORCE

Turbocharged Case engine provides 89 hp (66 kW) of power and 357 Nm of torque, enough to push through the toughest site conditions. Gear type hydraulic pump ensures powerful breakout forces and up to 123 litres/min of hydraulic oil for high flow attachments.

Power to perform. Total versatility.

STRUCTURAL INTEGRITY

Fully welded steel chassis and loader arms. Radial kinematic linkage ensures powerful lifting and digging abilities. The 44OCT quick coupler is compatible with Case XT and 400 series skid steers, with the new Case E series compact wheel loaders and with all major manufacturers of skid steers and related attachments. Optional hydraulic quick coupler and ride control system available.

Loader strength. Robust design.



FINGERTIP CONTROL

Pilot controls and two-speed tracking boost productivity with a top speed of 12km/h. Ease of operation results in rapid cycle times and high performance, with low operator fatigue.

Rapid response. Reduced operator effort.

REDUCED DOWNTIME

Lift up panel in engine canopy and swing out rear panel provides easy access for daily service checks. Tilting cab allows technicians access to the engine, the transmission and hydraulics for maintenance, cutting service time and boosting productivity.

Easy access. Maximum uptime.

ADDITIONAL FLOW

Auxiliary hydraulics circuit of 83 l/mn is a standard feature. Additional electrical circuits available for control of attachments through pilot control levers. Optional high flow hydraulics to power planers and stump grinders.

Versatility built in. Operator control.

COMPACT DIMENSIONS

Excellent stability short dimensions offer superb manoeuvrability.

Heavier than a wheeled skid steer, the tracked 440CT retains a low ground bearing pressure for use in sensitive ground conditions. An agile yet powerful performer, capable of dozing, digging, lifting and loading as well as powering a wide range of attachments.

Stability and strength. Maximum productivity.

ALL TERRAIN

Dozer style undercarriage has rigid track frames and an elevated final drive for protection from damage and ease of service. Oversize bearings in line with drive sprocket offer durability and reliability. All sealed rollers and idlers are oil lubricated for longer service life.

Durable design. Reliability guaranteed.

PILOT CONTROLS



Hydraulic pilot control levers offer precision, low effort control of the machine. Straight line forward and reverse operations easier to control, increasing productivity in fine grading and dozing operations. Ease of operation boosts productivity and efficiency. Standard ISO pattern controls means direction (forward/reverse/counter-rotation) is controlled by the left hand, and equipment (arm and bucket) controlled by the right hand.

TWO SPEED



The 44OCT has standard two-speed tracking, offering a maximum travel speed of 12km/h. The final drive motors are elevated to keep them away from damaging rocks, and they use oversize bearings mounted in line with the drive sprocket for reliability and durability.

MAINTENANCE



Regular service items can be easily accessed through a lift up panel on top of the engine cover and a full swing-out door to the rear of the machine. For more in-depth maintenance the entire cab structure can easily be tilted back, to provide unparalleled access to the centre of the machine.



OPERATOR'S CAB

The ergonomically designed ROPS/FOPS cab is available with or without full glazing and optional air conditioning. Standard ISO pattern hydraulic pilot controls are responsive and easy to use, providing precision control with low fatigue for the operator. Visibility to the attachment is excellent and there is a good view to both sides and to the rear of the machine, with the arms on the ground or fully raised. Integral armrests and a safety seatbelt are standard equipment and the machine's hydraulic functions have a safety lockout system to prevent unintentional movement of the arms. The controls, switches and control panels are all mounted in the right hand side of the cab for convenience and visibility to the working area.

ENGINE



The 440CT is powered by a Case 445T/M2 turbocharged diesel engine, providing a powerful 89 hp (66 kW) at just 2300 rpm. A strong 357 Nm of torque offers more than enough rimpull to keep the machine moving in the toughest of conditions, aiding digging and loading performance.

HYDRAULICS



With standard auxiliary hydraulics, providing up to 83 litres/min of flow, the 440CT is well equipped to drive a wide variety of attachments. Optional High Flow hydraulics can be specified, providing up to 123 litres/min of flow for planers, stump grinders and other high flow attachments. As the 440CT can share all attachments with the popular Case skid steer range, it offers a highly versatile solution in wet, muddy or sensitive ground conditions.

LOADER/DOZER



The Case 440CT has a heavy duty fully welded steel chassis and loader arms. With an operating weight of 4043 kg, the compact machine has a tipping load capacity of 2721 kg and an operating load of 1361 kg. Breakout force at the bucket is a powerful 27610 N. Case skid steers are renowned for their durable build quality and high productivity. The 440CT takes that performance to a new level, boosting productivity for the customer.

DOZER STYLE UNDERCARRIAGE

BUILT WITH THE DOZER IN MIND

The rigid track frame with no moving parts reduces maintenance costs compared to suspension track systems. Designed with steel track scrapers and a tapered track frame to keep material and mud from impeding track movement.

DRIVE MOTOR/ FINAL DRIVE

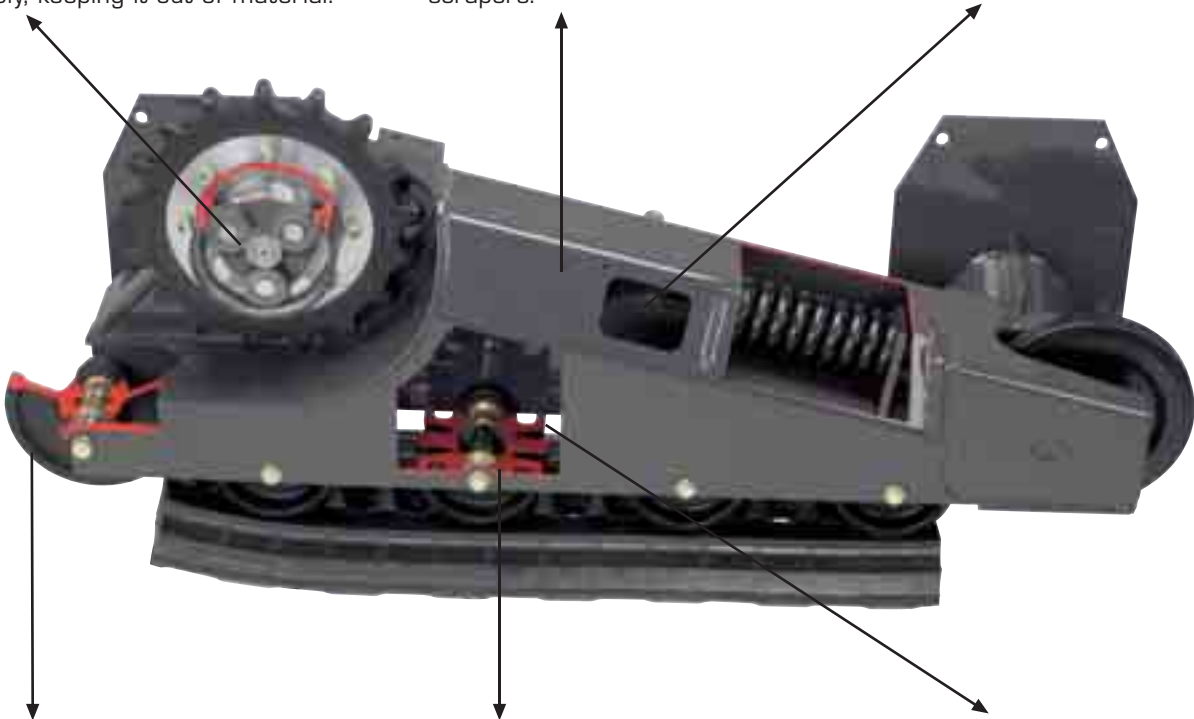
Increases component life by using an oversized bearing in line with the drive sprocket and elevating the drive assembly, keeping it out of material.

ANGLED TRACK FRAME COVER

Decreases mud and material build-up on the track frame with Case dozer-style angled track frame and material scrapers.

SIMPLE TRACK ADJUSTMENT

Simplifies track tensioning by adding grease to a hydraulic tensioning cylinder.



LIFETIME SEALED AND OIL LUBRICATED ROLLERS & IDLERS

Provides greater reliability and lowers maintenance costs by reducing the possibility of material and moisture getting into the rollers and idlers.

DUO CONE FACE SEAL TECHNOLOGY

Reduces maintenance costs and provides longer life by using proven dozer technology on rollers and idlers.

TRIPLE FLANGE ROLLERS

Helps prevent de-tracking on inclines by using dozer style rollers with a larger inner diameter flange positioned between the track tabs.



EXCELLENT FIT AND FINISH

Minimizes exposure to material and moisture with a tightly fit-and-finished track frame with fewer moving parts than competitive designs.



LONG LIFE, SMOOTH RIDE

Provides longer lasting track and a smoother ride by using steel embedded tracks and rolling on the rubber instead of on steel.

SPECIFICATIONS

ENGINE

Model _____ Case Family III 445T/M2 diesel, Tier II certified
 Type _____ 4-stroke, turbocharged
 Cylinders _____ 4

Horsepower per SAE J1349

Gross _____ 89 Hp (66kW) @ 2300 rpm
 Net _____ 82 Hp (61kW) @ 2300 rpm

Peak torque

@ 1400 rpm _____ 357 Nm
 Displacement _____ 4.5 l
 Fuel injection _____ Direct
 Water Pump _____ Integral

HYDRAULIC SYSTEM

Standard equipment pump

Type _____ Gear pump
 Displacement _____ 36 cc

Pump flow @ rated engine rpm

Total _____ 83 l/min

Optional high flow @ rated engine rpm

Total _____ 123 l/min
 Auxiliary hydraulics _____ 210 bar - 83 l/min

ELECTRICAL SYSTEM

Alternator _____ 95 amp
 Starter _____ 3.3 kW
 Battery _____ 12-volt low-maintenance
 850 cold-cranking amps @ -18° C

SERVICE CAPACITIES

Fuel tank _____ 83.3 l
 Engine oil with filter _____ 12 l
 Engine cooling system _____ 17 l

Hydraulic system

Reservoir _____ 26.8 l
 Total _____ 50.0 l

POWERTRAIN

Travel speed

low range _____ 8.2 km/h
 high range (trigger actuated) _____ 12.2 km/h

Drive pump _____ Tandem, axial
 piston hydrostatic transmission with integral
 charge pump driven directly off engine flywheel

Final drive _____ Single-reduction planetary

Controls _____ **Hydraulic Pilot Controls**

Undercarriage

Torque @ max displacement and relief pressure _____ 6230 Nm
 Track adjustment _____ Hydraulic
 Frame _____ Rigid
 Length of track on ground _____ 1436 mm
 Track rollers per side _____ 3
 Front idler diameter _____ 350 mm
 Rear idler diameter _____ 290 mm

Bottom Rollers

Outer flange diameter _____ 200 mm
 Center flange diameter _____ 214 mm

Sprocket Teeth

Number _____ 17
 Width _____ 46 mm

Track rollers and idlers sealed with duo cone face seals and permanently lubricated bushings.

Parking brakes

Spring applied, hydraulic release disc.

Engagement

Depress on/off brake button, raise seat bar, get off seat, or stop engine.

TRACKS 400 mm

Ground Pressure _____ 34.5 kPa - 0.35 kg/cm²
 Area _____ 11488 cm²
 Width to Outside of Track _____ 1802 mm

OPERATING WEIGHTS

Unit equipped with 400 mm track, 1.8 m foundry/excavating bucket, mechanical attachment coupler, full fuel tank and operator _____ 4043 kg
 Shipping weight _____ 3772 kg

Add-on weights

Side cab glass _____ 32 kg
 Glass door with wiper _____ 35 kg
 Suspension seat _____ 4.5 kg

OPTIONAL BUCKETS

FOUNDRY/EXCAVATING

Width	m	1.8	2.0
Weight	kg	177	225
Heaped Capacity	m ³	0.47	0.52

LOW PROFILE EXTENDED

Width	m	1.8	2.0
Weight	kg	216	228
Heaped Capacity	m ³	0.48	0.53

LOW PROFILE

Width	m	1.8
Weight	kg	193
Heaped Capacity	m ³	0.41

UTILITY/LIGHT MATERIAL

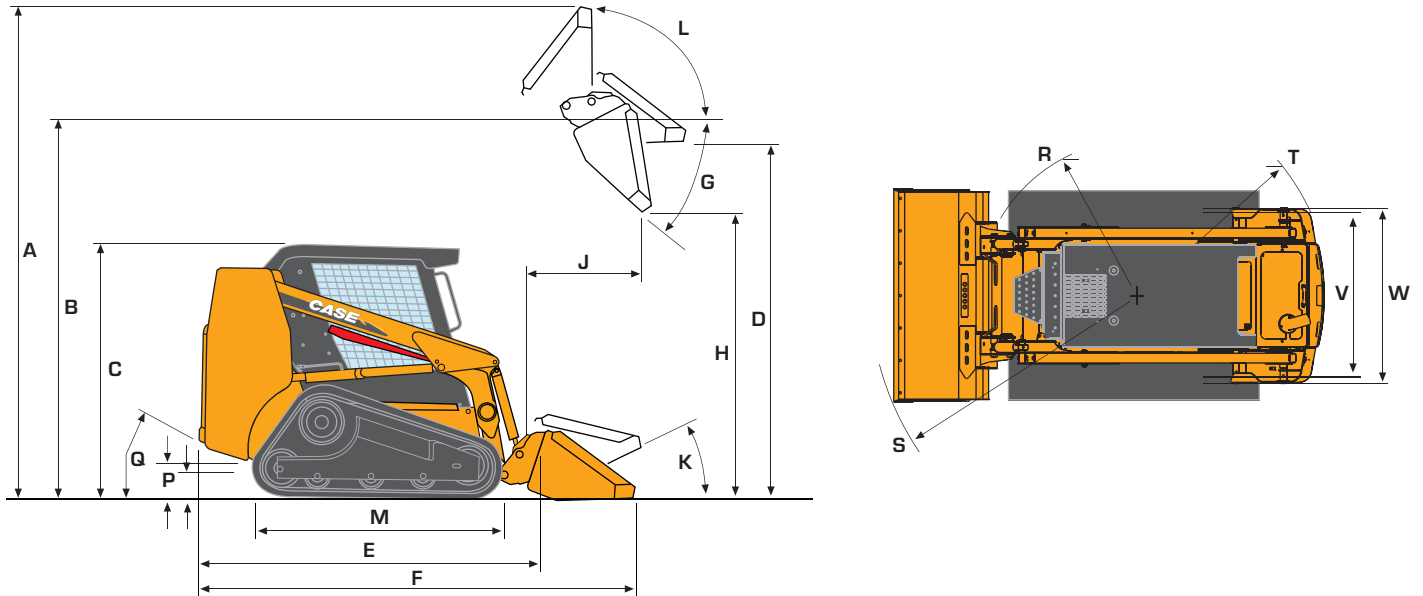
Width	m	1.8	2.1
Weight	kg	197	225
Heaped Capacity	m ³	0.67	0.79

HEAVY DUTY DIRT

Width	m	1.8	2.0
Weight	kg	227	239
Heaped Capacity	m ³	0.41	0.45



GENERAL DIMENSIONS



A Overall operating height			J Dump reach - loader arm fully raised		
with foundry/excavating bucket - short lip	m	3.87	w/ foundry/excavating bucket	m	0.59
with low profile bucket - standard lip	m	4.01	w/ low profile bucket	m	0.71
with low profile extended bucket - long lip	m	4.14	w/ low profile extended bucket	m	0.81
Height to			Maximum attachment rollback		
B Bucket hinge pin	m	3.09	K Bucket on ground		32°
C Top of rollover protective structure	m	1.95	L Bucket at full height		84°
D Bottom of level bucket, loader arm fully raised	m	2.90	M Length of track on ground	m	1.4
Overall length			Ground clearance		
E without attachment with coupler	m	2.64	P Bottom of belly pan	mm	229
F with foundry/excavating bucket on ground	m	3.23	Q Angle of departure		34°
with low profile bucket on ground	m	3.38	Clearance circle front		
with low profile extended bucket on ground	m	3.50	R Less bucket	m	1.32
G Dump angle at maximum height		39°	S with 1.8 m foundry/excavating bucket on ground	m	2.04
H Dump height - loader arm fully raised*			with 1.8 m low profile bucket on ground	m	2.13
with foundry/excavating bucket	m	2.45	with 1.8 m low profile extended bucket on ground	m	1.48
with low profile bucket	m	2.37	T Clearance circle rear	m	1.48
with low profile extended bucket to centerline	m	2.29	V Track gauge, centerline to centerline	m	1.4
			W Width over tracks	mm	1802

*Equipped with 400 mm track

PERFORMANCE SPECS

Operating load @ 35%	kg	952
Operating load @ 50%	kg	1361
Tipping load	kg	2721
Breakout force		
Lift cylinder	N	20 355
Bucket cylinder	N	27 610
Dig depth		
with bucket flat	mm	0
Cycle time		
Raise	sec.	4.1
Lower	sec.	2.6
Dump	sec.	2.4
Rollback	sec.	1.9

SAE rated lift capacities. Breakout force and cycle time measured with rated load in F/E bucket.



4400CT

STANDARD EQUIPMENT & OPTIONS

STANDARD EQUIPMENT

Instrumentation

■ Indicators

Digital Hourmeter
Fuel level LCD bar graph with alarm

■ Warning lights with alarms

Engine coolant temperature
Engine oil pressure
Air cleaner restriction
Hydraulic charge pressure
Hydraulic filter restriction
Hydraulic oil temperature

■ Warning alarms

Battery voltage (plus display)

■ Indicator light

Engine preheat
Parking brake
Seat bar reminder

Engine

- Heavy-duty radiator
- Automatic fan belt tensioner
- Integral engine oil cooling
- Fuel filter with water trap
- Dual element air cleaner

Hydraulic System

- Hydraulic circuit pedal lock
- Loader arm-mounted ISO flat face connectors
- Auxiliary function lockout override
- Loader control lockout system
- Loader lift lockout override
- 3-spool loader control valve
- Heavy-duty oil cooler
- Loader arm float position

Loader

- Radial loader arm design
- Lift cylinder plumbing guard
- Mechanical attachment coupler

Operator environment

- Tilt ROPS/FOPS canopy with side screens
- Water-shedding vinyl seat
- Seat presence switch
- 51 mm retractable seat belt
- Seat bar with integral armrests
- Hydraulic Pilot Controls
- Two speed 12km/h

- Hand throttle
- Loader control lockout system
- Front and rear halogen floodlights
- Floor cleanout access
- Electric brake control
- Rear window with emergency escape feature
- Other standard equipment
- Integral bumper counterweight
- Lockable service access hood
- Single-point daily servicing
- Halogen lights, 2-front, 1-rear
- Rear tail lights
- Options harness

OPTIONS

Engine

- Coolant block heater
- Aspirator
- Hydraulics
- High-flow auxiliary hydraulics 210 bar - 123 l/min
- Second auxiliary hydraulics
- Attachment case drain plumbing

Loader

- Ride control
- Hydraulic attachment coupler
- Hydraulic self-leveling (raise only)
- Operator's compartment
- Vinyl suspension seat with 51 mm retractable seat belt or with shoulder restraint
- Vinyl suspension seat with 76 mm retractable seat belt
- Auxiliary front electric auxiliary hydraulic control
- Glass front door with wiper & washer
- Sliding side windows
- Air conditioning (adds 8 cm to height to top of ROPS)
- Heater (deluxe)
- Foot throttle
- Rubber floor mat with foot rests
- Headliner and seal strips
- Accessory power outlet
- Other options
- Backup alarm/horn package
- Rotating beacon
- Lift hooks
- Battery disconnect switch/jump start terminals

Standard and optional equipment shown can vary by country.

Case Baumaschinen ansprechpartner weltweit

EUROPA/AFRIKA/NAHOST:

Centre D'affaires EGB 5,
venue Georges Bataille - BP 40401
0671 Le Plessis-Belleville - FRANKREICH

NORDAMERIKA/MEXIKO:

700 State Street
acine, WI 53404 U.S.A.

LATEINAMERIKA:

Av. General David Sarnoff 2237
2210 - 900 Contagem - MG
elo Horizonte - BRASILIEN

ASIATISCH-PAZIFISCHER RAUM:

Unit 1 - 1 Foundation Place - Prospect
ew South Wales - 2148 AUSTRALIEN

CHINA:

No. 29, Industrial Premises, No. 376.
e Bao Road, Waigaoqiao Ftz, Pudong,
HANGHAI, 200131, P.R.C.

NOTE: Standard and optional fittings can vary according to the demands and specific regulations of each country. The illustrations may include optional rather than standard fittings - consult your Case dealer. Furthermore, CNH reserves the right to modify machine specifications without incurring any obligation relating to such changes.

Case Construction Equipment

CNH UK Ltd.
Armstrong House
The Finningley Estate
Hayfield Lane
Doncaster
DN9 3XA
Fax +44 (0)1302 802126

www.casece.com

CASE
CONSTRUCTION



Conforms to directive 98/37/CE