

CASE

CONSTRUCTION

COMPACT TRACKED SKID STEER **420CT-440CT Series 3** **445CT vertical lift Series 3**



Operating load
Engine Horsepower
Operating weight

420CT Series 3
1297 kg
55 kW - 74 hp
3783 kg

440CT Series 3
1361 kg
67 kW - 90 hp
4048 kg

445CT Series 3
1497 kg
61 kW - 82 hp
4630 kg

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

DRIVING FORCE

Turbocharged, 4 cylinders, Tier 3 engines provide mighty power and massive torque to push through the toughest site conditions. Gear type hydraulic pump ensures plenty of hydraulic power for breakout, lift and attachments. Auxiliary hydraulics circuit is standard on all Case compact track skid steers, high flow is an option.
Power to perform. Total versatility.

STRUCTURAL INTEGRITY

Fully welded steel chassis, straddle mounted pins and bushings on the loader arms, radial lift (420CT, 440CT) or vertical lift (445CT) lift kinematics ensure powerful, durable digging and lifting abilities. The standard mechanical quick coupler is compatible not only within the range but also with former Case XT's, 400 series skid steers, Case E small wheel loaders but also with all major manufacturers of skid steers and related attachments. Optional hydraulic quick coupler is of course available.

Loader strength. Robust design.

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.

REDUCED DOWNTIME

Lift up panel in engine canopy and swing out rear panel provides easy access to daily service checks. Tilting cab allows access in less than a minute to the engine, the transmission and hydraulics, thus cutting service downtime time and boosting productivity.
Easy access. Maximum uptime.



ADDITIONAL FLOW

Standard auxiliary hydraulics circuit, working at the pressure and flow of the hydraulic system, is equipped with ISO flat face quick disconnects on all models. Additional Case drain plumbing (system for hydraulic tools needing pressure release), high flow circuit or auxiliary electrical circuit are also available to power demanding hydraulic tools like cold planers, stump grinders or any of the vast choice of tools offered by the Case parts system.

Versatility built in. Operator control.

PILOT CONTROLS

Standard hydraulic control levers offer precision with low effort. Straight line forward and reverse operations are easy to control, increasing productivity in fine grading and dozing operations. Ease of operation boosts productivity and efficiency.

Standard ISO pattern controls used for European version means left handle controls direction (forward/reverse/counter-rotation) and right handle controls equipment (arm and bucket).

Non European version can opt for either ISO or the Case classic H pattern. H pattern means left handle controls the left wheels (forward/reverse) and the arm (raise/lower) whereas the right handle controls the right wheels (forward/reverse) and the bucket (rollback/dump).

High precision low effort.



TWO SPEED

The Case CT's have standard two-speed tracking, offering a travel speed of 13.8 kph-km/h boosting productivity. **Reliability and durability.**

COMPACT DIMENSIONS

Excellent stability in short dimensions offer superb manoeuvrability. Heavier than a wheeled skid steer, the compact tracked skid steers retain a low ground bearing pressure for use in sensitive ground conditions. They are agile yet powerful performers, capable of dozing, digging, lifting, loading and powering a wide range of attachments.

Stability and strength. Maximum productivity.

LOADER/DOZER



The Case CT's have a heavy duty steel chassis, loader arms with straddle mounted pins and bushings for durability. With consequent operating weight, the compact machine have high tipping loads capacities and high operating loads. Breakout force at the bucket is powerful. Case skid steers are renowned for their durable build quality and high productivity. The CT's take that performance to a new level, boosting productivity in the toughest applications. Case CT's offer a highly versatile solution in wet, muddy or sensitive ground conditions.

Two types of kinematics are available on Case CT's: radial with 420CT and 440CT; vertical with better loading abilities with 445CT.

DOZER STYLE UNDERCARRIAGE



The rigid track frame with no moving parts reduces maintenance costs compared to suspension track systems.

The steel track scrapers and tapered track frame keep material and mud from impeding track movement, the angled track frame cover decreases mud and material build-up on the track frame. The simple track adjustment simplifies track tensioning by adding grease to a hydraulic tensioning cylinder.

The duo cone face seal technology reduces maintenance costs and provides longer life by using proven dozer technology on rollers and idlers. The 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.

RELIABILITY



The elevated drive motor/final drive increases component life by using an oversized bearing in line with the drive sprocket. The 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. The 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. The 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 (track patterns and structures differ from one model to another).

OPERATOR'S CAB

The new ergonomically designed, wider, CT Series 3 punched "cab" with its unique side lights is ROPS/FOPS level 1. It is available with or without side windows, high visibility door, demolition door or optional air conditioning. Standard hydraulic ISO pilot controls (left handle: travel/ right handle : arm) are responsive and easy to use, providing precision control with low fatigue for the operator. Visibility to the top, to the bucket or the attachment has been vastly improved in all positions increasing comfort of use and safety. The view to the rear of the machine has been improved by the new enlarged rear window.

Wider integral ergonomic armrests and safety seatbelt are standard equipment. The machine's hydraulic functions have a safety lockout system to prevent unintentional movement of the arms. The control switches and control panels are fitted in the Rops pillars of the cab for convenience and non-obstruction to the visibility to the working area.



ENGINE



The Case Series 3 CT's are powered by Tier 3 emission certified, 4 cylinder, diesel turbo engines designed for Case with efficiency and fuel economy in mind.

420CT (radial lift) and 445CT (vertical lift) are equipped with the new 3.2 litre turbo tier 3 engine developing respectively 74 hp and 82 hp. The mighty 440CT (radial lift) is equipped with the 4.5 litre turbo tier 3 engine of 90 hp.

Strong torques offer impressive rim pull to keep the machine moving and recovering in the toughest of conditions, aiding digging and loading performance.

Side by side radiator and cooler are massive (no need of additional cooling for high flow option) and help preserve engines, oil qualities and components.

HYDRAULICS



Gear pump and 3 spool open center system offer optimum hydraulic power. Standard auxiliary hydraulics (working at flow and pressure of the main system) drive most hydraulic attachments. For more hydraulic power demanding tools, optional high flow hydraulics can be specified for planers, stump grinders and other alike attachments. All CT's can share attachments with the popular Case skid steer range, XT's , 400 series and all other major brands, thanks to their universal coupler.

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 forward in less than a minute, to provide unparalleled access to the centre of the machine.

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

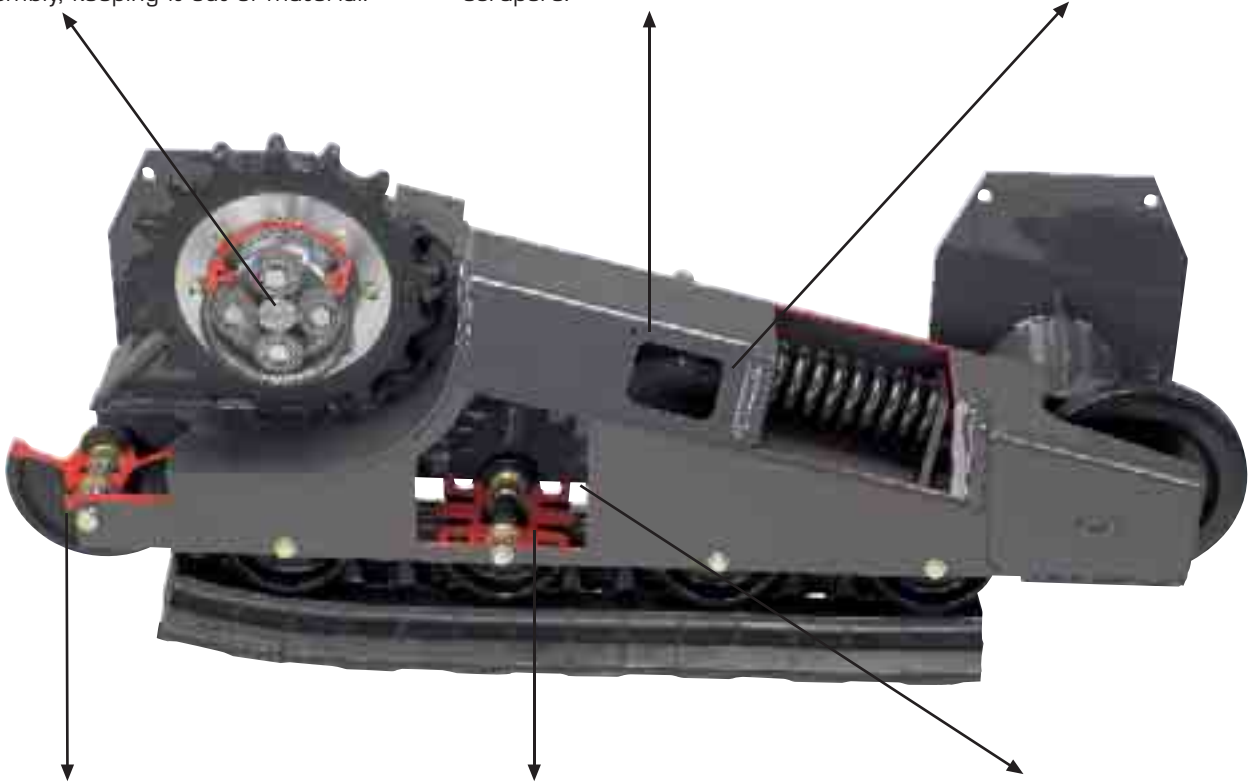
Increases component life by using an oversized bearing in line with the drive sprocket and elevating the drive assembly, keeping it out of material.

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.



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.

Note: Photograph cutaway here designed to display the engineering concepts used on Case CT undercarriage. The 420CT and 440CT models undercarriage has 3 rollers (not 4 as displayed on cutaway).



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 420CT Series 3

ENGINE

Make _____ Iveco SpA (for Case)
 EPA* family _____ 8VEXL03.2TCI
 Model _____ F5CE9454E*A
 Engine type _____ F5CE9454E*A002
 Type _____ 4-stroke, turbocharged
 Cylinders _____ 4

Horsepower per SAE

Gross _____ 74 (55 kw) @ 2500 rpm
 Net _____ 69 (51 kw) @ 2500 rpm
 Peak torque @ 1400 rpm _____ 275 Nm
 Displacement _____ 3.2 l
 Fuel injection _____ Direct
 Cooling style _____ Internal

Water pump

Style _____ Centrifugal
 Flow _____ 109.8 l/min

HYDRAULIC SYSTEM

Standard equipment pump

Type _____ Gear pump
 Displacement _____ 36.1 cc

Pump flow @ rated engine rpm

Total _____ 90.1 l/min

Loader control valve 3 spool open center

Relief pressure _____ 210 bar

Optional high flow @ rated engine rpm

Total _____ 125.8 l/min

ELECTRICAL SYSTEM

Alternator _____ 95 amp
 Starter _____ 2.7 kW
 Battery _____ 12-volt low-maintenance 1125 cold-cranking
 amps @ -17.8° C

SERVICE CAPACITIES

Fuel tank _____ 88.2 l
 Engine oil w/filter _____ 8.5 l
 Engine cooling system _____ 11.4 l

Hydraulic system

Reservoir _____ 26.8 l
 Total _____ 50 l

POWERTRAIN

Travel speed

Low range _____ 9.3 rph-km/h
 High range (trigger actuated) _____ 13.5 rph-km/h
 Drive pump _____ Tandem, axial piston hydrostatic transmission
 with integral charge pump driven directly off engine flywheel

Final drive _____ Double-reduction planetary
 Controls _____ Pilot
 Pump to engine ratio _____ 1:1

Undercarriage

Torque @ max displacement and relief pressure _____ 3579 Nm
 Track adjustment _____ Hydraulic
 Frame _____ Rigid
 Length of track on ground _____ 1438 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

Ground Pressure _____ 40 kPa
 Area per track _____ 4593 cm²
 Width to Outside of Track _____ 1654 mm
 Track width _____ 320 mm

OPERATING WEIGHTS

Unit equipped with 320 mm track, 1.67 m foundry/excavating bucket, mechanical attachment coupler, full fuel tank and 75 kg operator _____ 3783 kg
 Shipping weight _____ 3488 kg

Add-on weights

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

* "Environmental Protection Agency"

OPTIONAL BUCKETS

FOUNDRY/EXCAVATING

Heaped capacity	m ³	0.43	0.47	0.52
Width	m	1.67	1.82	1.98
Weight	kg	168	177	225

LOW PROFILE EXTENDED

Heaped capacity	m ³	0.44	0.49
Width	m	1.67	1.82
Weight	kg	197	216

LOW PROFILE

Heaped capacity	m ³	0.37	0.41
Width	m	1.67	1.82
Weight	kg	181	193

HEAVY DUTY/DIRT

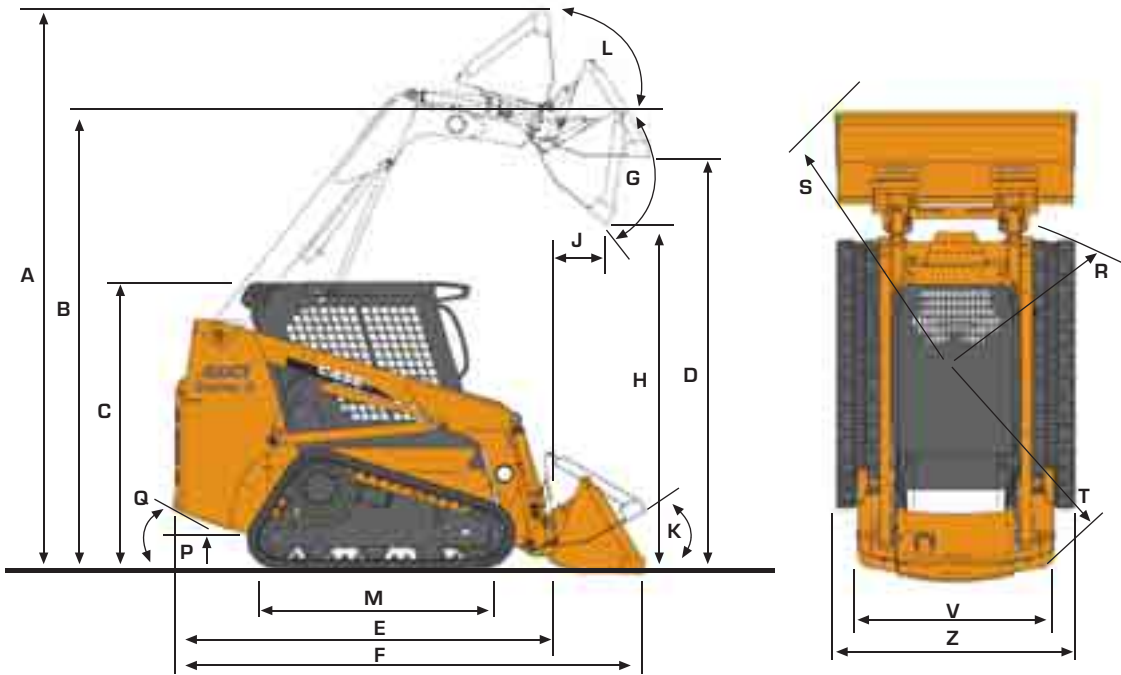
Heaped capacity	m ³	0.37	0.41	0.45
Width	m	1.67	1.82	1.98
Weight	kg	215	227	239

UTILITY/LIGHT MATERIAL

Heaped capacity	m ³	0.67	0.79
Width	m	1.82	2.13
Weight	kg	197	225

For other bucket sizes, please contact your CASE dealer

GENERAL DIMENSIONS 420CT Series 3



A Overall operating height			J Dump reach - loader arm fully raised		
w/foundry/excavating bucket - short lip	m	3.89	w/foundry/excavating bucket	m	0.63
w/low profile bucket - standard lip	m	4.03	w/low profile bucket	m	0.74
w/low profile extended bucket - long lip	m	4.16	w/low profile extended bucket	m	0.84
Height to		3.07	Maximum attachment rollback		
B Bucket hinge pin	m	2.02	K Bucket on ground		29°
C Top of rollover protective structure	m	2.88	L Bucket at full height		96°
D Bottom of level bucket, loader arm fully raised	m		M Length of track on ground	m	1.39
Overall length		2.60	Ground clearance		
E w/o attachment with coupler	m	3.29	P Bottom of belly pan	mm	213
F w/foundry/excavating bucket on ground	m	3.38	Q Angle of departure		32°
w/low profile bucket on ground	m	3.50	Clearance circle front		
w/low profile extended bucket on ground	m	3.9°	R Less bucket	m	1.36
G Dump angle at maximum height			S w/1.68 m foundry/excavating bucket on ground	m	2.05
H Dump height - loader arm fully raised*			w/1.68 m low profile bucket on ground	m	2.14
w/foundry/excavating bucket	m	2.42	w/1.68 m low profile extended bucket on ground	m	2.26
w/low profile bucket	m	2.33	T Clearance circle rear	m	1.45
w/low profile extended bucket	m	2.24	V Track gauge, centerline to centerline	m	1.33
			Z Width over tracks	mm	1654

*Equipped with 320 mm track

PERFORMANCE SPECS

Tipping capacity @ 35%	kg	907
Tipping capacity @ 50%	kg	1297
Tipping load	kg	2592
Breakout force		
Bucket circuit	N	25244
Loader circuit	N	24479
Dig depth		
cutting edge horizontal	mm	3
Cycle time		
Raise	sec.	3.6
Lower	sec.	2.6
Dump	sec.	1.3
Rollback	sec.	1.6

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





SPECIFICATIONS 440CT Series 3

ENGINE

Make _____ CNH U.K. Limited (for Case)
 EPA * family _____ 8NHXL04.5DTD
 Model type _____ 445T/MMC
 Engine model _____ F4GE9454C*J
 Type _____ diesel, Tier III certified, 4-stroke, turbocharged
 Cylinders _____ 4

Horsepower per SAE

Gross _____ 90 hp (67 kW) @ 2300 rpm
 Net _____ 83 hp (62 kW) @ 2300 rpm
 Peak torque @ 1300 rpm _____ 390 Nm
 Displacement _____ 4.5 l
 Fuel injection _____ Direct
 Cooling style _____ Internal

Water pump

Style _____ Centrifugal

HYDRAULIC SYSTEM

Standard equipment pump

Type _____ Gear pump
 Displacement _____ 36.1 cc

Pump flow @ rated engine rpm

Total _____ 83 l/min

Loader control valve 3 spool open center

Relief pressure _____ 210 bar

Optional high flow @ rated engine rpm

Total _____ 143.1 l/min

ELECTRICAL SYSTEM

Alternator _____ 95 amp
 Starter _____ 2.7 kW
 Battery _____ 12-volt low-maintenance
 1125 cold-cranking amps @ -17.8° C

SERVICE CAPACITIES

Fuel tank _____ 88.2 l
 Engine oil with filter _____ 12 l
 Engine cooling system _____ 11.4 l

Hydraulic system

Reservoir _____ 26.9 l
 Total _____ 50 l

POWERTRAIN

Travel speed

Low range _____ 8.0 rph-km/h
 High range (optional) _____ 12.9 rph-km/h
 Drive pump _____ Tandem, axial piston hydrostatic transmission with
 integral charge pump driven directly off engine flywheel

Final drive _____ Single-reduction planetary
 Controls _____ Pilot
 Pump to engine ratio _____ 1:1

Undercarriage

Torque @ max displacement and relief pressure _____ 4208 Nm
 Track adjustment _____ Hydraulic
 Frame _____ Rigid
 Length of track on ground _____ 1438 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

Ground Pressure _____ 35 kPa
 Area per track _____ 5740 cm²
 Width to Outside of Track _____ 1814 mm
 Track width _____ 400 mm

OPERATING WEIGHTS

Unit equipped with 400 mm track, 1.8 m foundry/excavating bucket, mechanical attachment coupler, full fuel tank and operator (75 kg) _____ 4048 kg
 Shipping weight _____ 3744 kg

Add-on weights

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

* "Environmental Protection Agency"

OPTIONAL BUCKETS

FOUNDRY/EXCAVATING

Heaped capacity	m ³	0.47	0.52
Width	m	1.82	1.98
Weight	kg	177	197

LOW PROFILE EXTENDED

Heaped capacity	m ³	0.49	0.53
Width	m	1.82	1.98
Weight	kg	216	205

HEAVY DUTY/DIRT

Heaped capacity	m ³	0.41	0.45
Width	m	1.82	1.98
Weight	kg	227	239

LOW PROFILE

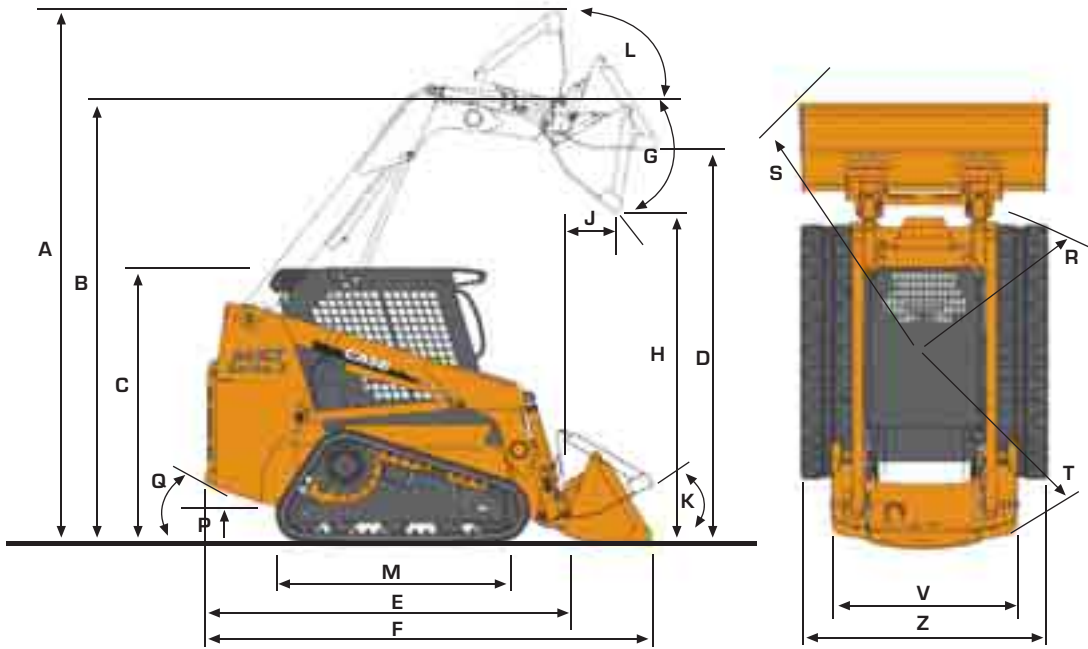
Heaped capacity	m ³	0.41
Width	m	1.82
Weight	kg	193

UTILITY/LIGHT MATERIAL

Heaped capacity	m ³	0.67	0.79
Width	m	1.82	2.13
Weight	kg	197	225

For other bucket sizes, please contact your CASE dealer

GENERAL DIMENSIONS 440CT Series 3



A Overall operating height			J Dump reach - loader arm fully raised		
with foundry/excavating bucket - short lip	m	3.91	w/foundry/excavating bucket	m	0.62
with low profile bucket - standard lip	m	4.05	w/low profile bucket	m	0.74
with low profile extended bucket - long lip	m	4.18	w/low profile extended bucket	m	0.84
Height to			Maximum attachment rollback		
B Bucket hinge pin	m	3.09	K Bucket on ground		29°
C Top of rollover protective structure	m	2.05	L Bucket at full height		96°
D Bottom of level bucket, loader arm fully raised	m	2.90	M Length of track on ground	m	1.44
Overall length			Ground clearance		
E without attachment with coupler	m	2.06	P Bottom of belly pan	mm	236
F with foundry/excavating bucket on ground	m	3.29	Q Angle of departure		34°
with low profile bucket on ground	m	3.43	Clearance circle front		
with low profile extended bucket on ground	m	3.65	R Less bucket	m	1.36
G Dump angle at maximum height		39°	S with 1.8 m foundry/excavating bucket on ground	m	2.02
H Dump height - loader arm fully raised*			with 1.8 m low profile bucket on ground	m	2.10
with foundry/excavating bucket	m	2.43	with 1.8 m low profile extended bucket on ground	m	2.22
with low profile bucket	m	2.35	T Clearance circle rear	m	1.45
with low profile extended bucket	m	2.27	V Track gauge, centerline to centerline	m	1.41
			Z Width over tracks	mm	1814

*Equipped with 400 mm track

PERFORMANCE SPECS

Tipping capacity @ 35%	kg	953
Tipping capacity @ 50%	kg	1361
Tipping load	kg	2722
Breakout force		
Bucket circuit	N	27610
Loader circuit	N	20355
Dig depth		
cutting edge horizontal	mm	25
Cycle time		
Raise	sec.	4.1
Lower	sec.	2.6
Dump	sec.	1.7
Rollback	sec.	1.9

SAE rated lift capacities.





SPECIFICATIONS 445CT Series 3

VERTICAL LIFT

ENGINE

Make _____ Iveco SpA (For Case)
 EPA * family _____ 8VEXLO3.2TCE
 Engine type _____ F5CE5454B*A002
 Engine model _____ F5CE5454B*A
 Type _____ diesel, Tier III certified, 4-stroke, turbocharged
 Cylinders _____ 4

Horsepower per SAE

Gross _____ 82 (61 kW) @ 2500 rpm
 Net _____ 77 (57 kW) @ 2500 rpm

Maximum torque @ 1400 rpm

Gross _____ 310 Nm
 Displacement _____ 3.2 l
 Fuel injection _____ Direct
 Cooling style _____ Internal

Water pump

Style _____ Centrifugal

HYDRAULIC SYSTEM

Standard equipment pump

Type _____ Gear pump
 Displacement _____ 36.1 cc

Pump flow @ rated engine rpm

Total _____ 90.1 l/min

Loader control valve 3 spool open center

Relief pressure _____ 210 bar

Optional high flow @ rated engine rpm

Total _____ 125.8 l/min

ELECTRICAL SYSTEM

Alternator _____ 95 amp
 Starter _____ 2.7 kW
 Battery _____ 12-volt low-maintenance 1125 cold-cranking
 amps @ 0° F (-17.8° C)

SERVICE CAPACITIES

Fuel tank _____ 63.2 l
 Engine oil w/filter _____ 8.5 l
 Engine cooling system _____ 11.4 l

Hydraulic system

Reservoir _____ 21.6 l
 Total _____ 41.6 l

POWERTRAIN

Travel speeds

Low range _____ 8.7 rph-km/h
 High range _____ 13.8 rph-km/h
 Drive pump _____ Tandem, axial piston hydrostatic transmission
 w/integral charge pump driven directly off engine flywheel
 Final drive _____ Single-reduction planetary
 Pump to engine ratio _____ 1:1

Undercarriage

Torque @ max displacement and relief pressure _____ 4208 Nm
 Track adjustment _____ Hydraulic
 Frame _____ Rigid
 Length of track on ground _____ 1638 mm
 Track rollers per side _____ 4
 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

Ground Pressure (450 mm) _____ 276 kPa
 Area per track (450 mm) _____ 13776 cm²
 Width to Outside of Track (450 mm) _____ 2112 mm
 Ground Pressure (400 mm) _____ 311 kPa
 Area per track (400 mm) _____ 13120 cm²
 Width to Outside of Track (400 mm) _____ 2065 mm

OPERATING WEIGHTS

Unit equipped with 450 mm track, 2.13 m long lip bucket, mechanical
 attachment coupler, 75 kg operator and full fuel tank _ 4630 kg
 Shipping weight _____ 4232 kg

Add-on weights

Side cab glass _____ 32 kg
 Glass door w/wiper _____ 35 kg
 Heater _____ 27 kg
 Suspension seat _____ 4,5 kg
 Hydraulic attachment coupler _____ 17 kg

* "Environmental Protection Agency"

OPTIONAL BUCKETS

DIRT

Heaped capacity	m ³	0.54
Width	m	2.13
Weight	kg	251

HEAVY DUTY/DIRT

Heaped capacity	m ³	0.54
Width	m	2.13
Weight	kg	281

HEAVY DUTY/UTILITY

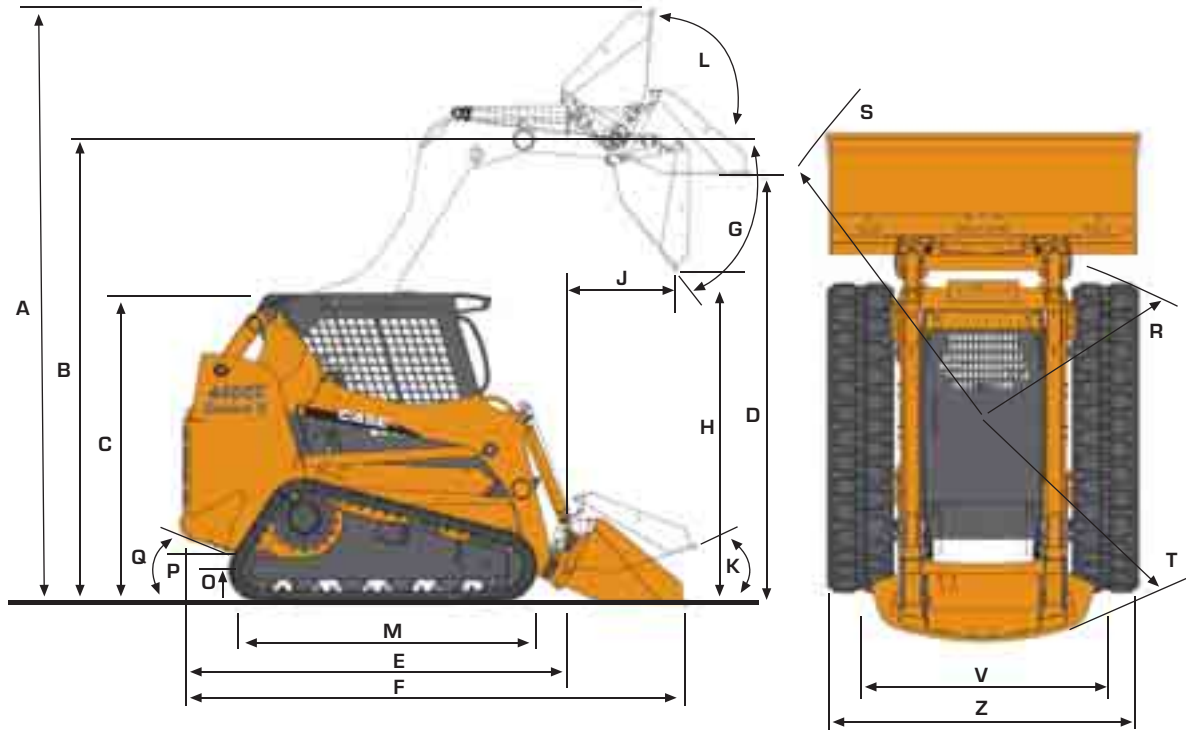
Heaped capacity	m ³	0.72
Width	m	2.13
Weight	kg	342

UTILITY

Heaped capacity	m ³	0.72
Width	m	2.13
Weight	kg	281

For other bucket sizes, please contact your CASE dealer

GENERAL DIMENSIONS 445CT Series 3



A Overall operating height	m		Maximum attachment rollback	27°
Dirt bucket	m	4.04	K Bucket on ground	86°
Height to			L Bucket at full height	1.35
B Bucket hinge pin	m	3.11	M Length of track on ground	m 1.64
C Top of rollover protection structure	m	2.11	Ground clearance	
D Bottom of level bucket, loader arm fully raised	m	2.90	O Bottom of chain case	mm 236
Overall length			P Bottom of belly pan	mm 283
E without attachment with coupler	m	2.65	Q Angle of departure	47°
F with dirt bucket on ground	m	3.44	Clearance circle front	236
G Dump angle at full height		51°	R less bucket	m 1.52
H Dump height - loader arm fully raised	m		S with 2.13 m bucket in carry position	m 2.34
dirt bucket	m	2.23	T Clearance circle rear	m 1.4
J Dump reach - loader arm fully raised			V Track gauge, centerline to centerline	m 1.66
dirt bucket	m	1.03	Z Width over tracks (450 mm)	mm 2112
			Z Width over tracks (400 mm)	mm 2065

*Equipped with 450 mm track

PERFORMANCE SPECS

Tipping capacity @ 35%	kg	1048
Tipping capacity @ 50%	kg	1497
Tipping load	kg	2994
Breakout force		
Bucket circuit	N	29803
Loader circuit	N	18683
Dig depth		
cutting edge horizontal	mm	3
Cycle time		
Raise	sec.	4.2
Lower	sec.	2.7
Dump	sec.	1.6
Rollback	sec.	2.0

SAE rated lift capacities. Breakout force and cycle time measured with rated load in Long Lip Dirt Bucket.





420CT-440CT-445CT Series 3

STANDARD EQUIPMENT & OPTIONS

STANDARD EQUIPMENT

Engine

- Tier 3 low emissions certified
- 4 cylinder
- Turbo
- 3.2 litre (420CT series 3 - 74 hp; 445CT series 3 - 82 hp)
- 4.5 litre (440CT series 3 - 90 hp)
- Integral liquid cooling
- Heavy-duty radiator (side by side with hyd cooler)
- Grid heater
- No maintenance belt
- Fuel filter with water trap
- Dual element air cleaner
- 95 amp alternator
- 12 Volt battery
- Battery disconnect switch with jump start terminals
- Hand and foot throttle
- **Hydraulic System**
- Gear pump
- Heavy duty oil cooler (side by side engine radiator)
- 3 spool loader control valve
- Auxiliary hydraulics standard (same pressure and flow as loader circuit)
- Auxiliary function lockout override
- Loader arm-mounted ISO flat face hydraulic quick connectors
- Loader lift lockout override
- Loader function lockout system
- Loader arm float position
- **Loader**
- Radial (420CT, 440 CT series 3) loader arm design

- Vertical (445CT series 3) loader arm design with heavy lift-and reach linkage
- Lift cylinder plumbing guard
- Mechanical attachment coupler
- Loader lift arm support safety strut (420CT-440CT Series 3)
- **Powertrain**
- Hydraulic pilot controls (ISO pattern)
- SAHR (spring applied -hydraulic release) disc parking brakes
- 2 speed (13km/h) ground drive
- **Operator environment**
- Tilt, ROPS/FOPS level 1 canopy
- Water-shedding vinyl seat
- 51mm retractable seat belt
- Seat presence switch
- Seat bar with ergonomic integral armrests
- ISO pattern (left travel / right arm) low effort hydraulic Pilot Controls
- Two speed (13km/h) trigger on hand control
- Loader control lockout system
- Electric parking brake control
- Halogen lights (2 front, 2 rear, 2 side)
- Foot rest
- Cleanout panel
- Enlarged top window
- Non-visibility obstructing instrument panels
- Large rear window with emergency escape
- Headliner
- Storage tray
- Cup holder
- 12 Volt power plug socket
- Backup alarm
- Horn

Instrumentation

- Indicators
- Digital Hourmeter
- Fuel level LCD bar graph with alarm
- **Warning lights with alarms**
- Engine coolant temperature
- Engine oil pressure
- Engine Malfunction
- Hydraulic charge pressure
- Hydraulic filter restriction
- Hydraulic oil temperature
- **Warning alarms**
- Battery voltage (plus display)
- **Indicator light**
- Engine preheat
- Parking brake
- Seat bar reminder
- **Other standard equipment**
- Integral bumper counterweight
- Lockable service access hood
- Single-point daily servicing
- Remote oil drain
- Lift cylinder guards

- Front auxiliary electrics
- Operator's compartment
- Air conditioning and heater
- Vinyl full suspension seat with 76 mm retractable seat belt
- Deluxe cloth suspension full seat with heater and lumbar support for enclosed cab
- Side windows
- New wide front door with wiper & washer
- New wide demolition front door (12,7 mm lexan polycarbonate)
- Electric auxiliary hydraulic control
- Heater deluxe
- Radio
- Other options
- Deluxe instrument panel
- Road lights
- Rotating beacon
- Lift hooks
- Locking fuel cap
- Lift cylinder plumbing guards

OPTIONS

- **Engine**
- Air pre-cleaner/aspirator
- Engine block heater
- **Hydraulics**
- High-flow auxiliary hydraulics
- Second auxiliary hydraulics
- Attachment case drain plumbing
- **Loader**
- Ride control (amortization of load in travel)
- Hydraulic attachment coupler
- Hydraulic self-leveling (raise only)
- Case drain plumbing

Standard and optional equipment shown can vary by country.

Worldwide Case Construction Equipment Contact Information

EUROPE/AFRICA/MIDDLE EAST:
Centre D'affaires EGB
5, Avenue Georges Bataille - BP 40401
60671 Le Plessis-Belleville - FRANCE

NORTH AMERICA/MEXICO:
700 State Street
Racine, WI 53404 U.S.A.

LATIN AMERICA:
Av. General David Sarnoff 2237
32210 - 900 Contagem - MG
Belo Horizonte BRAZIL

ASIA PACIFIC:
Unit 1 - 1 Foundation Place - Prospect
New South Wales - 2148 AUSTRALIA

CHINA:
No. 29, Industrial Premises, No. 376,
De Bao Road, Waigaoqiao Ftz, Pudong,
SHANGHAI, 200131, P.R.C.



The call is free from a land line. Check in advance with your Mobile Operator if you will be charged.

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.



Conforms to directive 98/37/CE

CASE Construction Equipment

CNH UK Ltd
Unit 4,
Hayfield Lane Business Park,
Field Lane, Auckland,
Doncaster,
DN9 3FL
Tel. 00800-2273-7373
Fax +44 1302 802829

www.casece.com

CASE
CONSTRUCTION