CASE CONSTRUCTION

B SERIES

COMPACT TRACK LOADER



TR270B | TR310B | TR340B | TV370B | TV450B | TV620B

TAKE CONTROL
GET MORE DONE.





CASE B Series compact track loaders (CTL) offer a completely re-imagined operator interface and environment designed to simplify operation and put more power and control into the hands of the operator.

Match that with productivity-enhancing horsepower and torque, numerous hydraulic options and extreme attachment versatility, industry-leading visibility, and lift geometries and size classes to meet every demand. The CASE B Series CTLs are the efficient, productivity-enhancing earthmoving solution your fleet demands.

- **Powerful breakout forces for groundwork**
- **Industry-leading visibility for greater awareness**
- **Spacious, easy-to-enter cab**
- **Dial in and save machine settings that can easily be recalled based on application or operator preference**
- **Maintenance-free Tier 4 Final emissions solutions**
- **Extreme attachment compatibility**
- **We've retained the strength and styling of the frame from the previous series, and have re-engineered many of the critical inner workings of the machine to stand up to the hard work and extreme environments you face every day.**

EXCLUSIVE:
THE INDUSTRY'S LARGEST AND MOST POWERFUL CTL
CASE recently introduced the all-new TV620B, the largest and most powerful CTL* ever built. Learn more about the extreme power and standard features available on this machine on Page 8.


TR270B


TR310B


TR340B


TV370B


TV450B


TV620B

*Based on competitive published specs available.

SIMPLIFIED OPERATION.
MORE CONTROL.

INDUSTRY-LEADING VISIBILITY

The B Series backup camera enhances what is already the industry's best visibility, with excellent forward sightlines, low entry threshold, skylight, cab-wide rearview mirror, large rear window and 360° lighting that gives operators excellent views to the bucket or attachment, over the tracks and around the machine — day or night.









CASE CTLs have never been easier or more intuitive to operate. The 8-inch LCD multi-function display puts critical machine information at the operator's fingertips. It also helps making and storing settings easier than any previous CASE CTL, and the all-new backup camera significantly improves jobsite awareness. New joysticks, simple electro-hydraulic controls and easier start-up and throttle controls* all improve the operator experience.

- **Simple start-up procedure**
- **Easy switching between operating patterns (ISO and H)**
- **Industry-exclusive split screen backup camera/data display**
- **Excellent controllability with electro-hydraulic controls**
- **More comfortable joysticks**
- **Creep Speed enhances attachment operation**







***CHECK OUT A 360-DEGREE VIEW OF OUR CAB AT CASECE.COM/BSERIES**

TIER 4 DONE RIGHT, MADE EASY.

One solution does not fit all. CASE carefully considered each machine's application, life expectancy, maintenance needs and operators. That's why every CASE compact track loader features a proven Tier 4 Final solution tailored to that model. The result? Compliance without compromise or complexity.

CASE Tier 4 Final-certified equipment is easier to maintain and, unlike competitive models, won't require you to master additional maintenance procedures. In fact, most CASE machines have maintenance-free emission solutions, so you can stay focused on your work—and not maintaining your machine.



CASE Tier 4 Final Solutions in Simple Language

CEGR

What it means: Cooled Exhaust Gas Recirculation. For Tier 4 Final, it works with a combination of the after-treatment technologies listed here.

What it means to you: As an in-engine system, CEGR requires no operator maintenance or management. CEGR is included in all CASE compact track loader models.

DOC

What it means: Diesel Oxidation Catalyst. The DOC oxidises the machine's exhaust to create heat and manage emissions.

What it means to you: DOC is a maintenance-free solution—no fluids to add and no filter to replace.

SCR

What it means: Selective Catalytic Reduction. It's a simple after-treatment solution that combines DEF (Diesel Exhaust Fluid) with exhaust to convert emissions into nitrogen and water. DEF is a non-toxic liquid that reacts with engine exhaust in the presence of a catalyst to perform the emissions conversion.

What it means to you: Because SCR is an after-treatment system, it lowers exhaust temperatures and does not require unproductive fuel use associated with burning off particulate matter—great for larger engines. This offers a significant reduction in fuel use and has no DPF to replace. Keeping it running is simple — just refill DEF as needed. Fuel savings, lower maintenance cost and greater productivity will help lower total operating costs for the life of the machine.

	TR270B	TR310B	TR340B	TV370B	TV450B	TV620B
Gross HP	74	74	90	74	90	114
Maintenance-Free Emissions Systems	✓	✓		✓		
Diesel Exhaust Fluid			✓		✓	✓
No DPF to Replace	✓	✓	✓	✓	✓	✓
Increased Fuel Efficiency	✓	✓	✓	✓	✓	✓
Tier 4 Final Solution	CEGR DOC	CEGR DOC	CEGR SCR	CEGR DOC	CEGR SCR	CEGR SCR DOC



THE MOST POWERFUL CTL*. EVER.



There's never been anything like it. The all-new CASE TV620B is the largest and most powerful* CTL ever built. Power the hardcore attachments. Load the high trucks. Dig in to the toughest earthmoving applications.

Industry-leading performance includes:

- **Rated operating capacity (6,200 pounds)**
- **Breakout force (12,084 pounds bucket; 12,907 pounds lift)**
- **Hydraulic horsepower (99.5 with enhanced high flow)**
- **Torque (339 pound-feet)**
- **Track length on the ground (74 inches)**
- **Reach at maximum dump height (39 inches).**

The TV620B is the total package with more features standard:

- **Adjustable electro-hydraulic controls**
- **High-flow hydraulics**
- **Automatic Ride Control**
- **One-way self-leveling**
- **Programmable hydraulically reversing fan**
- **LED lights**
- **SiteConnect Module for added connectivity & remote assistance**
- **CASE SiteWatch telematics**

*Based on competitive published specs available.



From the heavy-duty 84-inch bucket to attachments such as mulching heads and cold planers, the TV620B with standard high-flow and optional enhanced high-flow hydraulics is built for the heaviest work you can throw at a CTL.

SiteConnect Module Onboard

The new SiteConnect Module improves the volume, flow and integration of data to the CASE SiteWatch telematics platform — and makes remote diagnostics, code clearing and software updates possible.

CASE SiteManager



The CASE SiteManager App (iOS and Android) helps make quick work of downtime by allowing your CASE dealer to have remote access to your machine, diagnose a problem, clear codes and, if needed, provide a quick software update. If a field visit is required, the dealer tech arrives on site with the parts and tools needed to get that machine up and running quicker.

UPTIME. CONNECTED.

Greater connectivity improves telematics performance, allows for remote diagnostics and software updates, and makes CASE and your local dealer the most powerful fleet management partners you have. Only available on the TV620B, these CASE solutions deliver greater uptime and productivity for your compact track loader fleet.

MATCH THE LIFT
TO THE TASK.

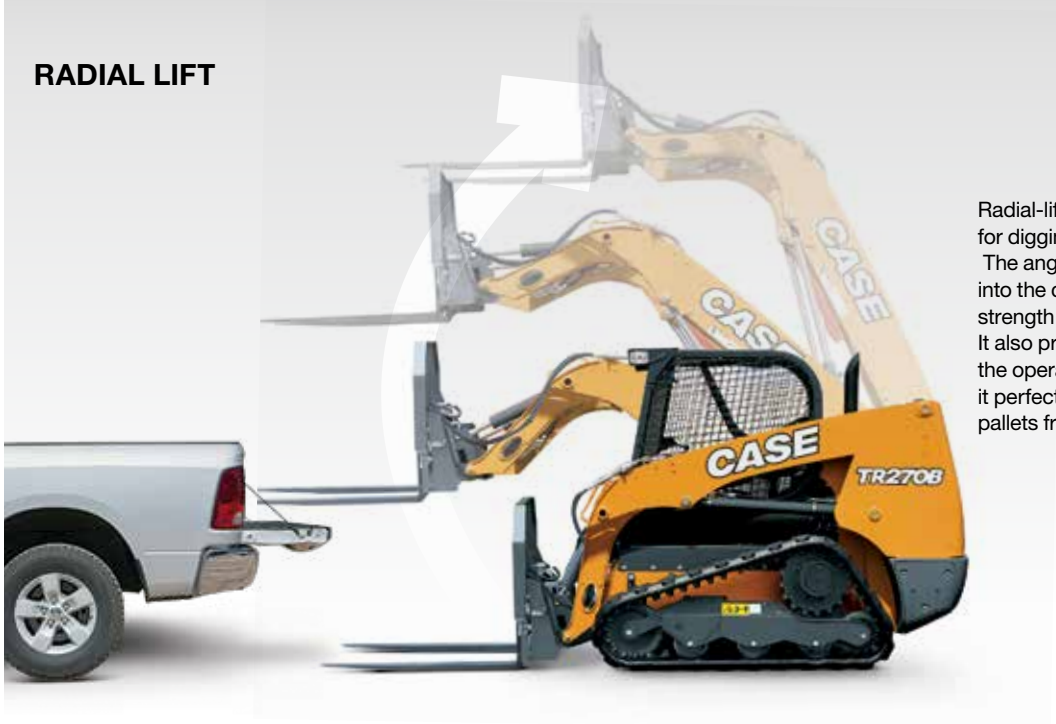
The CASE B Series includes both radial-lift and vertical-lift models. The benefits depend on your application. That's why CASE offers both lift patterns in various sizes to make sure you have the right machine for the job.

VERTICAL LIFT



Vertical-lift machines are engineered for lift-and-carry and truck-loading jobs. The geometry of the dual arm allows the load to rise directly up, providing maximum reach at full height. Vertical-lift machines are ideal for reaching over the side of and into the middle of high-side trucks.

RADIAL LIFT



Radial-lift machines are engineered for digging, prying and pushing. The angle of the arm ties directly into the chassis for superior strength when digging and pushing. It also provides maximum reach at the operator's head height, making it perfect for loading and unloading pallets from trucks.

LOW GROUND PRESSURE.
HIGH PRODUCTIVITY.



MORE SPACE, MORE COMFORT
At nearly three-feet wide, CASE compact track loaders have one of the roomiest ROPS/FOPS-certified cabs in the industry. New controls and environmental designs provide even more legroom. And enclosed cabs are fully sealed and pressurised to reduce noise and dust. Options include Bluetooth radio, climate controls and a heated seat.



LOADER STOPS IMPROVE GRADING, STRENGTH
CASE compact track loaders feature a loader frame support that transfers the load to the chassis of the machine when grading instead of putting that stress on the loader arms. This improves grading performance and reduces lifetime stress/strain on the unit for long-term reliability.



ECONOMY MODE & ENGINE PROTECTION
Set shutdown timers to limit idling, engage the ignition timeout feature to limit battery drain, and leverage the engine protection capabilities to shut down the machine and protect the engine from conditions that may cause greater downtime.



DOZER-STYLE UNDERCARRIAGE
The dozer-style undercarriage and tracks are engineered to hold better on slopes and take command of muddy or sandy terrain. The rigid-track frame has fewer moving parts for greater durability and easier maintenance than suspension-track systems.



CREEP SPEED OPTIMISES ATTACHMENTS
Set machine travel at a consistent speed and independently operate the throttle power to the attachment for optimal performance not tied to machine speed in applications such as cold planing, sweeping and snow blowing.



ADJUSTABLE ELECTRO-HYDRAULIC CONTROLS
Dial the machine in to meet the demands of each application with all-new electro-hydraulic controls available through the 8-inch LCD multi-function display. Adjust general machine responsiveness to high, medium or low; or dive deeper to individually adjust tilt, lift and drive speed, as well as loader arm and control aggressiveness.

QUICK, TOOL-FREE SWITCHING
Switch loader attachments without the added hassle of getting out of your cab. Standard Connect Under Pressure (CUP) manifolds facilitate fast, easy and tool-free connecting and disconnecting of hydraulic lines by releasing pressure into the standard case drain.



RENTAL
Simple is powerful. CASE compact track loaders feature simple controls, easy setting adjustments, and auxiliary hydraulics and a universal coupler that make each model ideal for rental operations with a broad range of attachments.

MAXIMISE YOUR BUSINESS OUTPUT.

CASE compact track loaders are compatible with more than 250 buckets, forks, brooms, augers, rakes, grapples, hydraulic hammers, snow accessories, bale spears and other CASE attachments, including CASE skid steer and compact wheel loader attachments.

All models come standard with a universal coupler that will work with numerous attachment manufacturers, meaning you can do more with a single machine to give your business even greater versatility. Consult your dealer for details.


Laser Grading Box


Mulcher


Rotary Cutter


Concrete Claw


Hydraulic Breaker


Side Discharge Bucket


4-in-1 Bucket


Tree Puller


Scrap Grapple


Root Rake


Dozer Blade


Pickup Broom


Cold Planer


Rock Saw


Auger


Trencher


Vibratory Roller


Bale Handler


Pallet Forks


Arctic® Sectional Sno-Pusher™

AUXILIARY HYDRAULIC PACKAGES AVAILABLE


Standard


High-Flow


Enhanced High-Flow


Secondary Auxiliary


Front Electric/ Multi-Function

INTEGRATED HYDRAULIC QUICK COUPLER
Quickly switch attachments from the comfort of the cab.



SEE OUR FULL LINE AT CASECE.COM/ATTACHMENTS

MAINTENANCE
MADE EASY.

NO TOOLS NECESSARY
CASE compact track loaders continue the hallmark of simple serviceability with features like tool-free access to the oil cooler, radiator and other routine maintenance points.

LOW MAINTENANCE
Service is simple. Regular check points are grouped into a single area under the engine compartment cover, easily accessible through the heavy-duty rear door. The entire cab tilts forward in just a few easy steps to access the entire drivetrain compartment for easy service and inspection.



EASE OF TROUBLESHOOTING
Short descriptions tied to fault codes simplify communication and troubleshooting with your CASE dealer.

Easy access to everything

1. Easy-tilt cab access to powertr
2. Hydraulic pressure release valv
3. Battery
4. Engine oil filter
5. DEF tank*
6. Hydraulic fill
7. Master disconnect switch
8. Air filter
9. Hydraulic filter
10. Engine oil fill
11. Hydraulic site gauge
12. Fuel filter with WIF sensor
13. Heavy-duty rear door

*DEF = Diesel Exhaust Fluid
Only available on 90 hp machines.




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CASE
TR270B



SPECIFICATIONS
AND DIMENSIONS

SPECIFICATIONS	TR270B	TR310B	TR340B	TV370B	TV450B	TV620B
Lift Configuration	Radial	Radial	Radial	Vertical	Vertical	Vertical
Engine	FPT F5H FL463A*G001	FPT F5H FL463A*G001	FPT F5B FL413 D*C001	FPT F5H FL463A*G001	FPT F5B FL413 D*C001	FPT F5B FL413 D*C005
Gross Horsepower — hp (kW)	74 (55)	74 (55)	90 (67)	74 (55)	90 (67)	114 (85)
Net Horsepower — hp (kW)	68 (51)	68 (51)	84 (63)	68 (51)	84 (63)	114 (85)
Peak Torque — lb ft (Nm)	232 (314)	232 (314)	282 (383)	232 (314)	282 (383)	339 (460)
Displacement/ Cylinders — in³ (L)	207 (3.4) / 4	207 (3.4) / 4	207 (3.4) / 4	207 (3.4) / 4	207 (3.4) / 4	207 (3.4) / 4
Emissions Certification* Solutions	Tier 4 Final Certified (CEGR, DOC)	Tier 4 Final Certified (CEGR, DOC)	Tier 4 Final Certified (CEGR, SCR)	Tier 4 Final Certified (CEGR, DOC)	Tier 4 Final Certified (CEGR, SCR)	Tier 4 Final Certified (CEGR, SCR)
Rated Operating Capacity (ROC) 35% — lb (kg)	1,890 (857)	2,170 (984)	2,380 (1,080)	2,590 (1,175)	3,150 (1,429)	4,340 (1,969)
Rated Operating Capacity (ROC) 50% — lb (kg)	2,700 (1,225)	3,100 (1,406)	3,400 (1,542)	3,700 (1,678)	4,500 (2,041)	6,200 (2,812)
Tipping Load — lb (kg)	5,400 (2,449)	6,200 (2,812)	6,800 (3,084)	7,400 (3,357)	9,000 (4,082)	12,400 (5,625)
Bucket Breakout Force — lb (kN)	7,270 (32.3)	8,680 (38.6)	8,700 (38.7)	8,776 (39.0)	9,188 (41.8)	12,907 (57.4)
Standard Auxiliary Hydraulics — gpm (L/min)	24.2 (91.5)	24.2 (91.5)	24.2 (91.5)	24.2 (91.5)	24.2 (91.5)	24.2 (91.5)
High-Flow Auxiliary Hydraulics — gpm (L/min)	32.4 (122.6)	32.4 (122.6)	37.6 (142.5)	37.6 (142.5)	39.5 (149)	41.6 (157)
Operating Weight — lb (kg)	8,270 (3,751)	8,880 (4,028)	10,000 (4,536)	9,630 (4,368)	10,610 (4,813)	16,100 (7,303)
DIMENSIONS	**TR270B**	**TR310B**	**TR340B**	**TV370B**	**TV450B**	**TV620B**
Height to Bucket Hinge Pin	125.1 in (3.18 m)	125.1 in (3.18 m)	126.7 in (3.22 m)	131.6 in (3.34 m)	131.6 in (3.34 m)	140.2 in (3.56 m)
Dump Height with Foundry/ Excavating Bucket	100.6 in (2.56 m)	100.6 in (2.56 m)	102.2 in (2.59 m)	105.1 in (2.67 m)	104.1 in (2.65 m)	109.0 in (2.77 m)**
Height to Top of ROPS	78.7 in (2.00 m)	78.7 in (2.00 m)	80.4 in (2.04 m)	80.4 in (2.04 m)	80.4 in (2.04 m)	84.6 in (2.15 m)
Overall Length with Foundry/ Excavating Bucket	129.1 in (3.28 m)	129.1 in (3.28 m)	142.6 in (3.62 m)	141.9 in (3.60 m)	144.4 in (3.67 m)	159.1 in (4.04 m)**
Track Width	12.6 in (320 mm)	15.75 in (400 mm)	17.7 in (450 mm)	17.7 in (450 mm)	17.7 in (450 mm)	17.7 in (450 mm)

*Note:
CEGR = Cooled Exhaust Gas Recirculation
DOC = Diesel Oxidation Catalyst
SCR = Selective Catalytic Reduction

**Measured with Heavy-Duty bucket.

STANDARD AND OPTIONAL FEATURES

● Standard ○ Optional – Not Applicable

OPERATOR ENVIRONMENT	TR270B	TR310B	TR340B	TV370B	TV450B	TV620B
Open Cab (No Heat or HVAC)	●	●	●	●	●	○
Enclosed Cab with Heater and AC	○	○	○	○	○	●
Enclosed Cab with HVAC, Demolition Door	○	○	○	○	○	○
Operator Security Codes	●	●	●	●	●	●
8-inch LCD Multi-Function Display	●	●	●	●	●	●
Machine Settings User Access Levels	●	●	●	●	●	●
Creep Speed	●	●	●	●	●	●
Economy Modes	●	●	●	●	●	●
Ignition Timeout	●	●	●	●	●	●
Engine Protection Settings	●	●	●	●	●	●
Bluetooth/USB	○	○	○	○	○	●
Suspension Seat, Vinyl	●	●	●	●	●	○
Air Ride Suspension/Heated Seat	○	○	○	○	○	●
Three-Point Seat Belt, 2 in	●	●	●	●	●	●
Three-Point Seat Belt, 3 in	○	○	○	○	○	○
Two-Speed Controls	●	●	●	●	●	●
Hand Controls	○	○	○	○	○	○
Hand and Foot Controls	○	○	○	○	○	○
Electro-Hydraulic Controls	●	●	●	●	●	●
CASE SiteWatch™ Telematics	○	○	○	○	○	○
FOPS Level 2 Modification	○	○	○	○	○	○
Rearview Mirror	●	●	●	●	●	●

EXTERIOR	TR270B	TR310B	TR340B	TV370B	TV450B	TV620B
Tracks, 12.6 in (320 mm)	●	–	–	–	–	–
Tracks, 15.7 in (400 mm)	–	●	–	–	–	–
Tracks 17.7 in (450 mm)	–	–	●	●	●	●
Undercarriage Hose Covers	–	●	●	●	●	●
Heavy-Duty Rear Door	●	●	●	●	●	●
Beacon Light	○	○	○	○	○	○
Heavy-Duty Front Lights	●	●	●	●	●	●
Side Lamp	●	●	●	●	●	●
Four-Corner LED Strobe	○	○	○	○	○	○
Special Paint	○	○	○	○	○	○
Debris Seal Package	●	●	●	●	●	●

ENGINE	TR270B	TR310B	TR340B	TV370B	TV450B	TV620B
Aspirator	○	○	○	○	○	○
Block Heater, 120V	●	●	●	●	●	●

HYDRAULICS	TR270B	TR310B	TR340B	TV370B	TV450B	TV620B
Standard Auxiliary Hydraulics	●	●	●	●	●	●
High-Flow Auxiliary Hydraulics	○	○	○	○	○	○
Enhanced High-Flow Auxiliary Hydraulics	–	–	○	–	○	○
Secondary Auxiliary Hydraulics	○	○	○	○	○	○
Manual Coupler	●	●	●	●	●	○
Hydraulic Coupler	○	○	○	○	○	●
Front Electric/ Multi-Function	●	●	●	●	●	●

LOADER	TR270B	TR310B	TR340B	TV370B	TV450B	TV620B
Ride Control™	○	○	○	○	○	●
One-Way Self Level	○	○	○	○	○	●
Single-Point Lift Hook	○	○	○	○	○	–
Four-Point Lift Hook	○	○	○	○	○	○
Cylinder Guard	○	○	○	○	●	–
Extra Counterweight	○	○	○	○	○	–

CASE CONSTRUCTION

SINCE 1842

BUILDING A STRONG CASE.

Since 1842, at CASE Construction Equipment we have lived by an unwavering commitment to build practical, intuitive solutions that deliver both efficiency and productivity.

We continually strive to make it easier for our customers to implement emerging technologies and new compliance mandates.

Today, our global scale combined with our local expertise enables us to keep customers' real-world challenges at the center of our product development.

The vast CASE dealers' network is always ready to support and protect your investment and exceed your expectations, while also providing you with the ultimate ownership experience.

Our goal is to build both stronger machines—and stronger communities. At the end of the day, we do what's right for our customers and our communities so that they can count on CASE.

CASECE.com

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 Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes.

Conforms to directive 2006/42/EC

creative-farm.it 08/25