



CASE
CONSTRUCTION

B SERIES **SKID STEER LOADERS**



SR175B | SR210B | SR240B | SR270B
SV185B | SV280B | SV340B

ACROSS HISTORY



1842

CASE is founded.

1969

CASE begins skid steer loader production with the first model the 1530 Uni-Loader.

1995

CASE initiates co-branding and supply agreements with several key suppliers for power and application attachments as well as quick couplers.

1998

The exclusive Ride control is introduced on loader backhoes and skid steer loaders: another CASE first.

2011

CASE launches brand new series of skid steer and compact track loaders.

2015

New Tier 4 Final / EU Stage IIIB models further enrich CASE skid steer and compact track loaders offering.

2017

CASE introduces upgraded 90 hp models with increased performance and SCRonly Tier 4 Final / Stage IV technology. Wichita plant achieves the recognition of Silver Level in WCM (World Class Manufacturing), a methodology applied to improve quality by increasing the plants efficiency. On March 13, 2017 CASE sold its the 300,000th skid steer loader/compact track loader.

2019

CASE celebrates 50 years of reliability and high performances: skid steer loaders built tough with more power and torque along with unparalleled productivity and operator comfort

2020

The new B-Series is launched to begin a new half century of best-in-class skid steer loaders / compact track loaders.

RADIAL AND VERTICAL BOOM

Extended line up to meet any customer need

To deliver CASE specific performance and productivity to an ever wider range of customers, CASE Construction Equipment has further expanded its skid steer line-up.

The revised range includes radial lift skid steers (SR models) and vertical lift skid steers (SV models).



CLEAN POWER, MAXIMISED PRODUCTIVITY

Model	Power HP (kW)	Engine	After Treatment
SR175B	67 (50)	PERKINS 404J-E22TA 2.2 L (HPCR)	CEGR + DOC
SV185B	60 (45)	PERKINS 404J-E22TA 2.2 L (HPCR)	CEGR + DOC
SR210B	74 (55)	FPT F5H HPCR 3.4 L	CEGR + DOC
SR240B	74 (55)	FPT F5H HPCR 3.4 L	CEGR + DOC
SR270B	90 (67)	FPT F5H HPCR 3.4 L	CEGR + SCR
SV280B	74 (55)	FPT F5H HPCR 3.4 L	CEGR + DOC
SV340B	90 (67)	FPT F5H HPCR 3.4 L	CEGR + SCR



Compact HI-eSCR

LOW EMISSIONS

Low-to-no-maintenance technology

The electronic engine control enhances precision and responsiveness to operator commands. All models with ROC higher than 1700 lb (SR175 and bigger) are equipped with High Pressure Common Rail (HPCR) technology, which regulates fuel pressure and injection timing ensuring extremely high injection precision in all engine operating conditions. This results in more torque output and allows to get more useful power from every drop of fuel.

- + **Cooled Exhaust Gas Recirculation (CEGR)** process is now controlled electronically to achieve greater performance and fuel efficiency, as well as even greater reliability - for example, to help protect the engine from overheating.
- + **SCR- technology** on all 90 hp models; a liquid-reductant agent (ammonia) is injected into the exhaust stream to reduce the level of NOx. For the customer, SCR means high performance, ease of maintenance and low operating costs.
- + **Diesel Oxidation Catalyst (DOC)** utilizes a chemical process in order to break down pollutants from diesel engines in the exhaust stream, turning them into less harmful components. DOC is a maintenance-free component.
- + **Diesel Particulate Filter (DPF)** physically traps particulate matter from the engine exhaust. Electronic controls will trigger an automatic regeneration of the DPF system. Additionally, the system can notify the machine operator to manually regenerate the DPF system occasionally when the soot load in the DPF exceeds the range defined for automatic regeneration.

DO MORE EVERYWHERE

OUTSTANDING STABILITY WITH CASE POWER STANCE CHASSIS

Our power stance chassis rides on a longer wheelbase, delivering greater stability and comfort and allowing increased lifting capabilities, regardless of jobsite conditions.

TOP RANKING BREAKOUT FORCE *CASE cylinder and chassis design provides maximised pushing power*

The cylinder geometry optimises the skid steer push and pull power, while the bucket support baring directly on the chassis of the machine further adds to its pushing power.

HIGH ROC WITH BOLT-ON COUNTERWEIGHTS

Simply bolt on additional counterweights to the rear sides of the machine. Increase ROC by adding counterweights to move more material, more quickly Decrease ROC (operating without counterweights to keep fuel costs down and decrease ground disturbance.



Great stability thanks to the long wheelbase



Chassis supports pushing power!



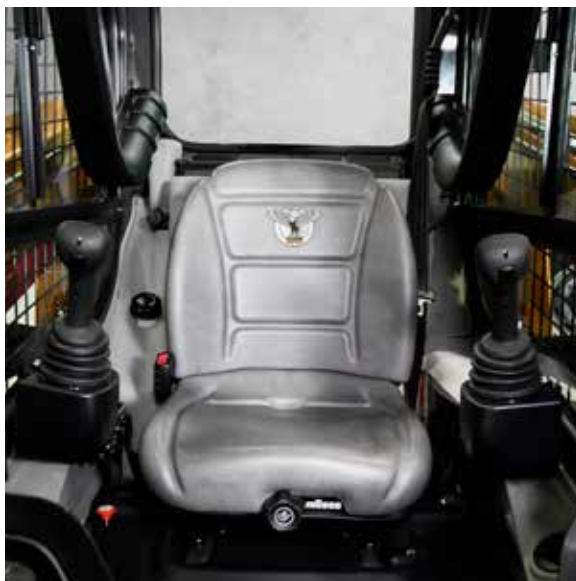
THE MOST COMFORTABLE MAXIMISED PRODUCTIVITY



COMFORTABLE AND SAFE CAB

Leading operator comfort

The wide door, the grab handles and the lower threshold provide easy access to the cab. All the closed cab models have suspension seats and optional air suspension heated seats for the ultimate in comfort. The cab is completely sealed to reduce the amount of noise and dust thanks to the full cab glazing and door.



Wider cab

Our cab - the widest in the industry - provides plenty of room for comfortable operation, with greater headroom and legroom, more space between the control levers and easy access to the seat.



HIGH VISIBILITY

Wider glazed surface for safer operations

The large glazed surface with ultra-narrow wire side screens, the lowered threshold and thinner front pillars provide the best visibility in the market (ROPS / FOPS cab).

EASY ACCESS

Safety first

Low threshold, together with convenient grab handles make accessing the cab easy and safe.

DO MORE EVERYWHERE

IT'S ALL ABOUT THE DRIVER

- + The premium control interface with 8" color display offers intuitive navigation through the machine information and settings.
- + The rearview camera, which can be displayed at any time on the 8" monitor, during all operations or just during the reverse motion, brings the outer visibility and the consequent safety on the jobsite to a higher level.
- + **NEW** Rear Object Detection, uses radar technology to detect obstacles behind the machine, alerting the operator for easier and safer maneuvering*.
- + The Bluetooth Headliner radio with USB connector contributes to elevate the CASE Customer experience in the cockpit.
- + The cup holder compartment has been re-designed to improve the storage capacity and it also hosts the USB connector.



* Option available only on selected models.

CONTROL EVERYTHING WITH TWO FINGERS



CREEP SPEED MODE

Full power at any speed

The creep mode delivers full power to the attachment while maintaining a low travelling speed. Important especially in connection with particularly hydraulically demanding attachments like cold planers, rock wheels and trenchers.

Comfort for the operator

- + No longer holding permanently the driveline-joystick down while working.
- + Easy to set either through the 8" color display or through the buttons on the left hand joystick.
- + Incremental speed settings from 1 to 100.

EFFECTIVE RIDE CONTROL

Optimised shock absorption

Comfort goes with productivity with CASE patented Ride Control. This optional feature is a shock absorber which reduces loader arm bouncing at elevated speed for greater material retention and increased operator comfort. More material moved, more quickly.



DO MORE EVERYWHERE



CHOOSE YOUR PREFERRED CONTROLS

Mechanical or Electro Hydraulic controls

CASE skid steer loaders are available with both electro-hydraulic and mechanical hand controls.

Proportional auxiliary hydraulics

Standard Proportional control of auxiliary hydraulics with detent for smooth and precise attachment control.

Tailor-made performance

Case skid steer loaders and compact track loaders are equipped with EZ-EH (electrohydraulic) controls. Each operator can rapidly and easily obtain the desired setting level through the easy-to-set 8" display for a total customization of the controls.

JOYSTICKS

Easy and comfortable to operate

- + Narrower palm grip for better ergonomics.
- + Closer switch layout and smaller head size for easier operation.
- + Smaller EH pods for more legroom for the operators comfort.



MAINTENANCE MADE EASY AND RATIONAL

SAFE AND EASY MAINTENANCE

Convenient cab tilting

With just two retaining bolts, the cab is easy to tilt, providing access to hydraulic and transmission components when necessary. A safety locking system that prevents the cab from dropping is automatically activated.

Best-in-class serviceability

Easy access, daily service points grouped together and remote mounted filters mean it's easy to keep Case skid steer and compact track loaders working to their maximum efficiency.



Maintenance kept easy even with the most advanced engine technology



SMART BATTERY AND DRAIN HOSES ACCESS

Battery and environmental drain hoses are easily accessible from the side of the machine, by removing a tap located behind the rear wheel, allowing quick service and fast maintenance activities.

DO MORE EVERYWHERE

HIGH VERSATILITY

Hydraulics simplified. Versatility maximised.

CASE skid steers can handle a wide range of attachments, providing outstanding versatility to serve a broad range of industries.

The hydraulic system delivers fast cycle times. The Connect Under Pressure (CUP) system allows the operator to plug hydraulic tool hoses with no wrenches.

NEW The Bi-Directional Self Level keeps your attachment perfectly positioned — automatically maintains bucket or fork level while raising or lowering the lift arms, preventing material spillage and ensuring smooth, precise load handling*.



FAST ATTACHMENT CHANGE OVER

Handle attachments easily

The operator can change rapidly the attachments through the hydraulic coupler option without leaving the cab.



* Option available only on selected models.

MAIN REASONS TO CHOOSE SSL

TOP RANKING BREAKOUT FORCE

- + Aggressive bucket cylinder mounting for superior digging efficiency

HIGH ROC

- + Additional counterweights

COMFORTABLE AND SAFE CAB

- + 8" Display
- + Wide cab, flat floor, convenient lap bar, optimized A/C air flow
- + ROPS, FOPS certified
- + Suspension and heated seats

CREEP SPEED

- + Full hydraulic power at slow travelling speed
- + 1 to 100 incremental values
- + Easy set on the 8" display and controlled with the joystick

HIGH VERSATILITY

- + Wide range of attachments
- + Different auxiliary hydraulic solutions to feed them

RADIAL AND VERTICAL BOOM

- + Radial for digging and pushing
- + Vertical for loading and carrying

OUTSTANDING STABILITY

- + Longer wheelbase
- + Optimized weight distribution

HIGH VISIBILITY

- + Rear view camera
- + Unique side lightening
- + Large side windows for an excellent visibility
- + Better sight lines to the tires, bucket edge, curb lines and even to the rear when backing up
- + **NEW** Rear Object Detection*

EASY ACCESS

- + Wider cab entrance
- + Lower threshold
- + Longer and ergonomic handles

* Option available only on selected models.



VERSATILE CONTROLS

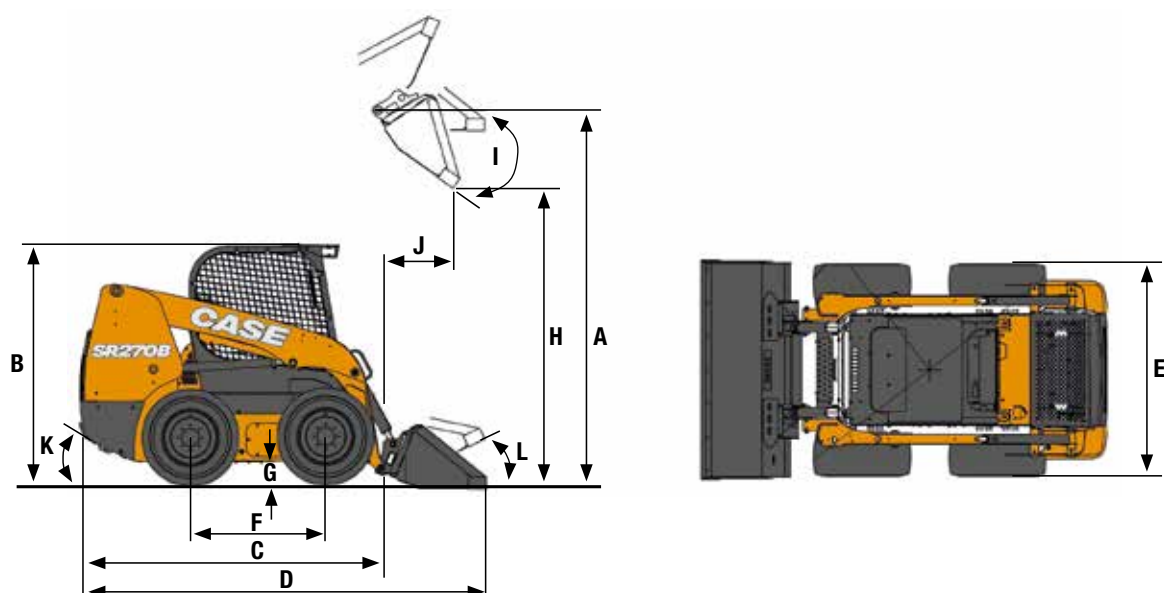
- + Mechanical or EH customizable controls
- + Speed and sensitivity can easily be adjusted
- + ISO-H switchable controls
- + Ride Control for a greater operator comfort
- + **NEW** Bi-Directional Self Level*

FAST ATTACHMENT CHANGE OVER

- + Mechanic or hydraulic quick coupler
- + Connect Under Pressure (CUP) system to plug hydraulic hoses with no wrenches







GENERAL DIMENSIONS		SR175B	SV185B	SR210B	SR240B	SR270B	SV280B	SV340B
A - Height to bucket hinge pin	mm	3099	3048	3124	3178	3178	3302	3343
B - Height to top of ROPS	mm	1974	1974	1998	2002	2002	2002	2042
C - Length without attachment	mm	2685	2685	2669	2981	3016	2990	3025
D - Length with bucket *	mm	3305	3345	3292	3611	3646	3604	3657
E - Overall width	mm	1642	1642	1755	1768	1768	1768	1930
F - Wheelbase	mm	1128	1128	1128	1322	1322	1322	1322
G - Ground clearance	mm	178	178	203	203	203	203	243
H - Dump height *	mm	2470	2380	2495	2562	2562	2629	2671
I - Dump angle	°	40	52	40	38	38	54	47
J - Dump reach @ max height	mm	542	783	517	574	574	744	630
K - Angle of departure	°	23	23	25	24	24	24	27
L - Rollback angle (bucket on ground)	°	32	35	31	31	31	35	35

SPECIFICATIONS		SR175B	SV185B	SR210B	SR240B	SR270B	SV280B	SV340B
Frame Size		Medium	Medium	Medium	Large	Large	Large	Large
Emissions Level		Stage V	Stage V	Tier 4F Stage IIIB	Tier 4F Stage IIIB	Tier 4F Stage IV	Tier 4F Stage IIIB	Tier 4F Stage IV
Performance Specs								
Rated Operating Capacity 50%	kg	790	840	955	1088	1225	1270	1545
ROC with counterweights 50%	kg	835	885	1000	1178	1315	1360	1635
Tipping load	kg	1588	1678	1909	2177	2450	2540	3090
Lift cylinder breakout force**	kN	17.0	15.3	20.3	25.0	27.1	25.0	30.3
Bucket cylinder breakout force**	kN	32.3	24.7	32.3	39.4	38.6	33.7	42.4

ENGINE		PERKINS 404J-E22TA (Turbo)	PERKINS 404J-E22TA (Turbo)	FPT F5H (Turbo)	FPT F5H (Turbo)	FPT F5H (Turbo)	FPT F5H (Turbo)	FPT F5H (Turbo)
Engine make - Model								
Displacement	l	2.2	2.2	3.4	3.4	3.4	3.4	3.4
Horsepower	hp/rpm	67 @ 2800	60 @ 2900	74 @ 2500	74 @ 2500	90 @ 2500	74 @ 2500	90 @ 2500
Peak torque	Nm/rpm	208 @ 1800	183 @ 1800	314 @ 1400	314 @ 1400	383 @ 1400	314 @ 1400	383 @ 1400

TRAVEL SPEED								
Low range	km/h	11.9	11.9	11.4	12.4	12.4	12.4	12.4
High range (optional)	km/h	18.5	18.5	16.9	18.5	18.5	18.5	18.5

Hydraulic System								
Pump flow	LPM	78	78	92	92	92	92	92
Optional high flow	LPM	116	116	126	143	143	143	150
Relief pressure	bar	210	210	210	210	210	210	210
Optional enhanced high flow	bar	N/A	N/A	N/A	N/A	277	N/A	277

WEIGHTS								
Operating weight	kg	2842	2980	3160	3350	3681	3670	4136
Shipping weight	kg	2705	2840	3025	3200	3526	3475	3890

SERVICE CAPACITY								
Fuel tank	l	73.8	73.8	73.8	96.5	96.5	96.5	96.5

* With D&F Bucket - ** Breakout forces estimated considering both tip and hydraulic limits.



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

