



**CASE**  
CONSTRUCTION

## **B SERIES** **SKID STEER LOADERS**



SR160B | 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
SR160B	60 (45)	ISM N844LT-F-45SL 2.2 L	CEGR + DPF + DOC
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 new 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.
- + The new 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.





# 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 new 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.

## NEW 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.



## 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.



Maintenance kept easy even with the most advanced engine technology



# DO MORE EVERYWHERE

## HIGH VERSATILITY

***Hydraulics simplified. Versatility maximised.***

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



## HIGH VERSATILITY TO UNDERTAKE ANY TYPE OF JOB

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

## FAST ATTACHMENT CHANGE OVER

***Handle attachments easily***

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



# 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

- + New 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.

## EASY ACCESS

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





## **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

## **FAST ATTACHMENT CHANGE OVER**

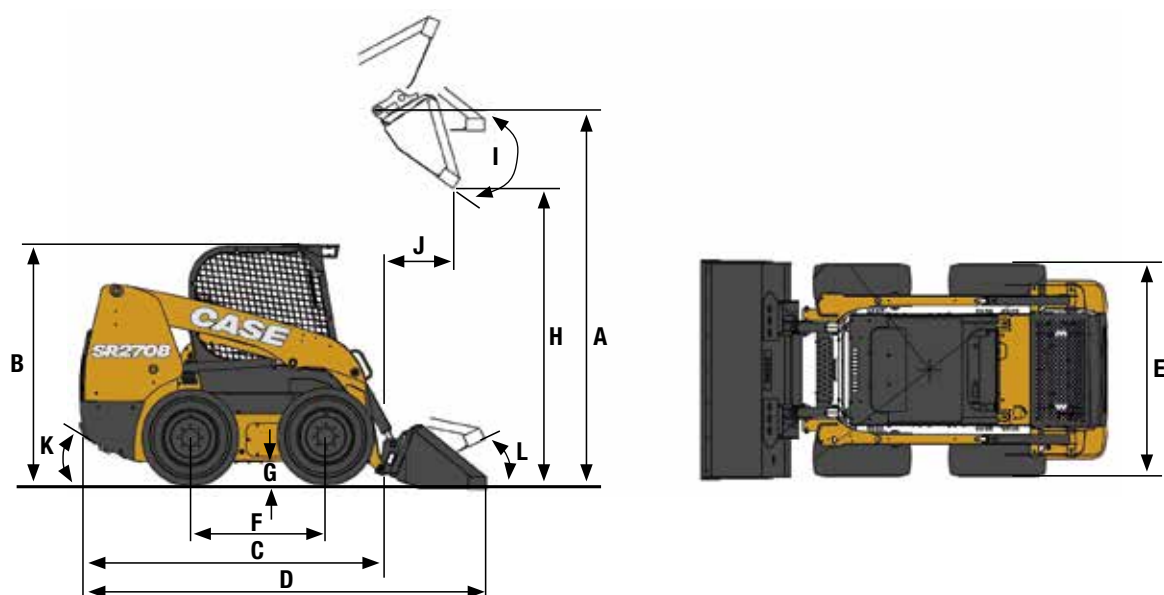
- + Mechanic or hydraulic quick coupler
- + Connect Under Pressure (CUP) system to plug hydraulic hoses with no wrenches











GENERAL DIMENSIONS		SR160B	SR175B	SV185B	SR210B	SR240B	SR270B	SV280B	SV340B
A - Height to bucket hinge pin	mm	2845	3099	3048	3124	3178	3178	3302	3343
B - Height to top of ROPS	mm	1919	1974	1974	1998	2002	2002	2002	2042
C - Length without attachment	mm	2435	2685	2685	2669	2981	3016	2990	3025
D - Length with bucket *	mm	3028	3305	3345	3292	3611	3646	3604	3657
E - Overall width	mm	1518	1642	1642	1755	1768	1768	1768	1930
F - Wheelbase	mm	941	1128	1128	1128	1322	1322	1322	1322
G - Ground clearance	mm	178	178	178	203	203	203	203	243
H - Dump height *	mm	2246	2470	2380	2495	2562	2562	2629	2671
I - Dump angle	°	40	40	52	40	38	38	54	47
J - Dump reach @ max height	mm	469	542	783	517	574	574	744	630
K - Angle of departure	°	22	23	23	25	24	24	24	27
L - Rollback angle (bucket on ground)	°	26	32	35	31	31	31	35	35

SPECIFICATIONS		SR160B	SR175B	SV185B	SR210B	SR240B	SR270B	SV280B	SV340B
Frame Size		Small	Medium	Medium	Medium	Large	Large	Large	Large
Emissions Level		Tier 4F Stage IIIB	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	680	790	840	955	1088	1225	1270	1545
ROC with counterweights 50%	kg	730	835	885	1000	1178	1315	1360	1635
Tipping load	kg	1361	1588	1678	1909	2177	2450	2540	3090
Lift cylinder breakout force**	kN	15.0	17.0	15.3	20.3	25.0	27.1	25.0	30.3
Bucket cylinder breakout force**	kN	23.4	32.3	24.7	32.3	39.4	38.6	33.7	42.4

ENGINE		SR160B	SR175B	SV185B	SR210B	SR240B	SR270B	SV280B	SV340B
Engine make - Model		ISM N844LT- F-45SL (Turbo)	PERKINS 404J-E22TA (Turbo)	PERKINS 404J-E22TA (Turbo)	FPT F5H (Turbo)	FPT F5H (Turbo)	FPT F5H (Turbo)	FPT F5H (Turbo)	FPT F5H (Turbo)
Displacement	l	2.2	2.2	2.2	3.4	3.4	3.4	3.4	3.4
Horsepower	hp/rpm	60 @ 2800	67 @ 2800	60 @ 2900	74 @ 2500	74 @ 2500	90 @ 2500	74 @ 2500	90 @ 2500
Peak torque	Nm/rpm	188 @ 1800	208 @ 1800	183 @ 1800	314 @ 1400	314 @ 1400	383 @ 1400	314 @ 1400	383 @ 1400
TRAVEL SPEED		SR160B	SR175B	SV185B	SR210B	SR240B	SR270B	SV280B	SV340B
Low range	km/h	11.9	11.9	11.9	11.4	12.4	12.4	12.4	12.4
High range (optional)	km/h	NA	18.5	18.5	16.9	18.5	18.5	18.5	18.5
Hydraulic System		SR160B	SR175B	SV185B	SR210B	SR240B	SR270B	SV280B	SV340B
Pump flow	LPM	70	78	78	92	92	92	92	92
Optional high flow	LPM	N/A	116	116	126	143	143	143	150
Relief pressure	bar	210	210	210	210	210	210	210	210
Optional enhanced high flow	bar	N/A	N/A	N/A	N/A	N/A	277	N/A	277
WEIGHTS		SR160B	SR175B	SV185B	SR210B	SR240B	SR270B	SV280B	SV340B
Operating weight	kg	2430	2842	2980	3160	3350	3681	3670	4136
Shipping weight	kg	2370	2705	2840	3025	3200	3526	3475	3890
SERVICE CAPACITY		SR160B	SR175B	SV185B	SR210B	SR240B	SR270B	SV280B	SV340B
Fuel tank	l	60.5	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.



# **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.

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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

