









1842

CASE is founded.

1869

The first CASE portable steam engine - road construction is born!

1957

CASE produces the first ever factory integrated backhoe loader.

1959

CASE TLB 420 is the first diesel powered model.

1964

CASE is the first manufacturer to develop an extendable dipper, the patented CASE Extendahoe.

1999

CASE is the first company to offer a powershift transmission on a backhoe loader.

2000

CASE is the first company to offer a backhoe integrated quick coupler.

2001

CASE M series backhoe is listed in "Construction Equipment" magazine among the top 100 products.

2005

CASE produces its 500,000th backhoe.

2012

CASE achieves Tier 4 emissions standards while delivering best-inclass breakout force and lift capacity.

2016

CASE backhoe offering is enlarged introducing "In-Line cylinders" backhoe and "Straight-Loader arm" options.

2017

CASE introduces a Tier 4 final fully customizable backhoe.

2019

60th year milestone. Future in the making.

2020

CASE presents in North America the industry's first Fully Electric Backhoe Loader (model 580 EV).

2021

CASE introduces a Stage V TLB with a brand-new cab, bringing operator comfort to the next level.

2025

CASE launches in the market the Evolution of the SV Series, introducing several new features boosting performances and productivity.

THE KINGS

CASE BACKHOE LOADERS

The original, ready for anything

Since introducing the first ever integrated backhoe loader in 1957, CASE has always been a front runner in the tractor loader backhoe industry.

We have built a strong heritage of industry firsts, on best-in-class performances and components, supremely reliable and well-proven technology, and productivity-boosting solutions.

It's no surprise, then, that faced with the challenge of meeting Stage V emissions regulations, we did it "the CASE way".

- + We accepted no compromise on performances: the new 3.6-litre FPT Stage V engine maintains the same best-in-class power and torque density of its Stage IV predecessor.
- + We designed with FPT an After-Treatment System specifically for backhoe loader applications because we know them inside out!!

And we did not limit our efforts to power and performance: with the SV-Series we have taken operator comfort to the next level!

Now it's time to enhance our Customer's experience with the EVOLUTION OF THE SV-SERIES BACKHOE LOADERS, introducing several new features to increase productivity, versatility and serviceability.



OPERATOR COMFORT TO THE NEXT LEVEL



WIDER CAB

FEATURES	BENEFITS
+ Restyled interior and exterior	Greater operator comfort and improved ergonomics
+ Front and LH consoles design	Superior cab accessibility
+ Superior roominess for the operator	Excellent knee and feet clearance when rotating the seat from loader to backhoe position
+ Noise level reduced to 74dB	A quiet place to work!
+ layout of switches and controls	Easy reachability in both loader and backhoe position
+ Wider Pilot Control towers adjustability	Better ergonomics
+ Best in class internal storage capacity: 2 Lockable compartments, 2 Bottle/Cup holder, Cooling Box and 4 open trays	A place to store every item and to keep your lunch and drinks always fresh
+ Excellent 360° Visibility	More productivity and safety on the job site and in the street
King class seat: the super deluxe air suspension option offers premium features	Height, lumbar and armrests full adjustability, and heating
+ Powerful Air Conditioning and fully openable windows	Excellent cab ventilation







CAB FEATURES FOR A MORE PLEASANT AND SAFE WORKING DAY AND DRIVE

FEATURES	BENEFITS
+ Bluetooth radio option	Located on right hand pillar, easy reachability in any position
+ Speedometer option	Located on front console, more safety when driving
+ 2 speed wiper	Better visibility when driving in rainiy/snowy conditions
+ F-N-R switch on loader handle	Easy transmission direction change in loading applications
+ Roller switch on pilot joysticks	Quick and precise dipper extension
+ Cell-phone holder	Located on right hand pillar, easy reachability in any position
+ 12V and USB ports	Conveniently located on the right-hand console
+ Anti-Theft system	Peace of mind
+ 10 LED working lights option	Your work in dark conditions will be as bright as ever
+ NEW Comfort steering	Great for tight spaces, increases efficiency and maximizes productivity
+ NEW Enable/Disable Return to Dig switch	No falling of objects in case of inadvertent engagement of RTD
+ NEW Brake Enable Idle	Drive the TLB in a "Cruise Control" manner during travel
+ NEW Stabilizers Auto-up	Go back in motion more easily and quickly





SUSTAINABLE PERFORMANCE



AS POWERFUL AS EVER!

Notwithstanding the stringent Stage V emission requirements, we accepted no compromise on performance! The 3.6-litre **FPT Stage V engine** maintains the same **best-in-class power and torque density** of its Stage IV predecessor.

F36

3.6 It 4 cylinders16v, Common Rail Injection

Compact HI-eSCR2



LOW EMISSIONS

- + The 3.6-litre FPT engine dramatically reduces emissions, meeting Stage V stringent requirements with **no fuel and urea consumption deterioration vs Stage IV**,
- + Compact Hi-eSCR2 After Treatment system designed with FPT specifically for Backhoe loader applications
- + ECO mode is standard on all units and delivers 10% fuel consumption saving
- + Environmentally friendly!!

Auto Engine Shutdown:

Automatic engine switch off when the machine is inactive for more than 3 minutes

Auto Idle: Automatic reduction of engine speed when the machine is inactive for more than 5 seconds

- Fully HVO diesel compatible
- Biodegradable lubricants option available







SAFE, EASY AND LOW-COST MAINTENANCE

- One side engine serviceability layout and all fuses and relays comfortably located in the cab for easy and fast maintenance operations
- Maintenance free After Treatment System for reduced operating costs and maximized vehicle uptime
- + Minimum operating costs with 500 hours oil change interval and efficient low-rate EGR combustion (<10%)
- + Auto Engine protection shutdown feature turns off automatically the engine when the most critical engine and transmission parameters are detected to be outside proper working conditions. Another solution that minimizes the costs of extraordinary maintenance!
- + NEW Easy Radiator accessibility for cleaning:
 One latch to open and close the complete
 package; Automatic hold open of Grille, Charge
 Air Cooler and Oil Cooler (gas strut);
 Component angle limiting cables and brackets,
 preventing excessive force.

VERSATILITY FOR HIGH PRODUCTIVITY



CASE DNA BACKHOE

- + Exclusive outer extendahoe: all components in contact with the soil are protected against impact and material accumulation
- + The curved main boom provides greater digging ability and makes it easier to load a truck
- + Low profile for easy transport
- + Patented CASE DNA integrated hydraulic quick coupler allows changing over the backhoe attachments from the cab with a simple switch whilst preserving backhoe performance just as if the attachments were direct fit.
- + Gripper teeth for excellent material retention
- + Swing Dampening for precise backhoe operations and improved operator comfort.
- + NEW Power Boost and Power Lift for greater backhoe performances

TOOL CARRIER LOADER ARM

- + NEW Hydraulic quick coupler provision for easy and quick attachments swap.
- + NEW The loader's excellent lift capacity combined with the mechanical parallel lifting is now enhanced with increased speed to deliver greater productivity.





IN-LINE CYLINDER BACKHOE

- + Great visibility thanks to the narrower frame
- + High stress resistance thanks to the balanced effort distribution along the boom
- + NEW Hydraulic quick coupler provision for easy and quick attachments swap
- + Swing Dampening for precise backhoe operations and improved operator comfort
- + NEW Power Boost and Power Lift for greater backhoe performances

STRAIGHT LOADER ARM

- **+ Top loading reach and lifting capacity**: the perfect solution for professionals requiring a particularly high tipping point.
- + The simple structure ensures **great visibility** and low maintenance costs
- + Anti-tipping function keeps the bucket in the correct position while lifting the load, with no risk of material spillage





MAIN REASONS

TO CHOOSE THE NEW SV-SERIES

PRODUCTIVITY / PERFORMANCE

- + Best in class engine power and torque
- + Top of the industry Loader arm and Backhoe Lifting, Loading and Digging performances
- + F-N-R switch on loader handle for easy transmission direction change in loading applications
- + Roller switch on pilot joysticks for quick and precise dipper extension
- + Protected Backhoe operations with the **powerful** Case DNA backhoe
- + Patented CASE DNA integrated hydraulic quick coupler
- + Hydraulic side shift enables easy and quick backhoe repositioning in all working conditions, while also preserving all types of soil.
- + NEW Power Boost Momentary enhancement of hydraulic power (+15%) to the backhoe functions needed for example to break through frost, pull up a tree stump or lift the piece of stubborn sidewalk.
- + NEW Power Lift It increases the hydraulic pressure to the backhoe functions while simultaneously reducing the engine RPM, slowing the hydraulic responsiveness while allowing for higher lifting capacities (+15%) for precision operations suche as setting pipes.
- It engages in 3rd and 4th gears and locks the power of the engine to the transmission for increased gradeability and acceleration while reducing travel times and fuel consumption.

COMFORT

- + Superior in-cab **roominess** for the operator
- + Bluetooth radio and speedometer options for a more pleasant and safe working day and drive
- + Excellent visibility for productive and safe loader and backhoe operations.
- + Top of the industry in-cab storage compartment capacity
- + Fully openable windscreens for excellent cab ventilation
- + 10 LED working lights: bright work even in the darkest conditions.
- + NEW Comfort steering It halves the turns to go from lock to lock compared to standard steering



TOTAL COST OF OWNERSHIP

- + The 3.6-litre FPT Stage V engine dramatically reduces emissions with same fuel consumption as Stage IV engine and ensures low maintenance costs
- + ECO mode is standard on all units and provides 10% fuel consumption saving
- + Auto engine shutdown and Auto idle: you can save fuel and be environmentally friendly at the same time
- + Variable Volume Pump reduces consumption, by providing oil only when needed
- Coming from a backhoe loader industry leader means not only a rich heritage, but also proven technology and best-in-class suppliers.
 This translates into high reliability, more uptime, more productivity, and lower maintenance costs.

360° SERVICE SOLUTIONS

- + CASE SiteWatch™ makes fleet management easy, helping improve your productivity and profitability
- + CASE SiteConnect enables your dealer to be proactive in managing your machine, boosting its uptime
- + CASE Protect extended warranty and CASE
 Care planned maintenance give you full peace of mind



AFTERSALES PRODUCTS

AND SERVICES

AFTERSALES PRODUCTS

Keep your equipment performing at its best and protect your investment's value with the extensive offering of high-quality CASE Parts.

Genuine Parts HIGH PERFORMANCE	Optimize your performance and add value to your machine with high-quality genuine parts.	₱FLEET PRO	Ensure your machine's performance beyond warranty and manage your budget with CASE's quality secondline range of parts.
Attachments. BUSINESS SOLUTIONS	Add versatility to performance with CASE attachments designed for CASE machines and tested by CASE engineers.	Reman - Parts REMANUFACTURED	Choose sustainable quality with remanufactured parts designed for CASE equipment of all ages.

SERVICE SOLUTIONS

Enjoy the peace of mind of knowing CASE Service Solutions will keep your equipment in top condition with maximum uptime, no unexpected costs, and help you optimize your profitability.





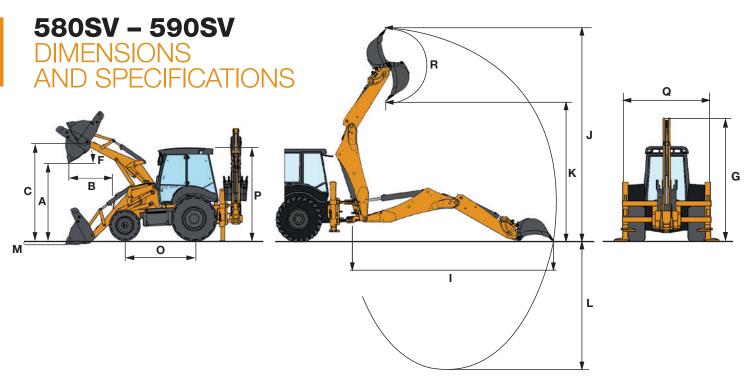
580SV - 590SV - 695SV

MAIN SPECIFICATIONS

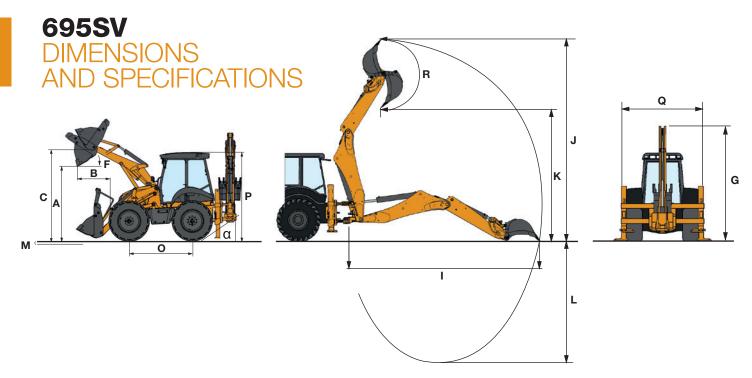
SPECIFICATIONS		580SV					
ENGINE							
Make and Model		FPT F5C - F5MGL413B					
Injection system		High Pressure Common Rail					
Emissions level		Stage V					
# of cylinders		4					
Bore / Stroke		102 mm x 110 mm					
Displacement / Compression ratio		3.6 ltr / 17 to 1					
Engine rated Power (ISO 14396)		72 kW (97 hp) @ 2200 rpm					
Max Net Power		84 kW (112 hp) @2000 rpm					
Maximum torque (ISO 14396)		453 Nm @ 1400 rpm					
Engine speeds	2200 rpm (rated	speed at full load) / 900-1000 rpm (low s	need at no load)				
TRANSMISSION	2200 ipin (rated	4WD	peed at 110 load)				
	Powershuttle	Powershift	Direct Drive				
Type							
Model	Carraro TLB1 PB 4WD	Carraro TLB2 MPB 4WD	Carraro TLB2 2WS DD SAHR PB 4WD				
Forward travel speeds	6 - 10 - 21 - 40 (kph)	6 - 10 - 21 - 40 (kph)	6 - 10 - 21 - 22 - 38 - 40 (kph)				
Reverse travel speeds	7 - 12 - 26 - 40 (kph)	7 - 12 - 26 (kph)	7 - 12 - 26 (kph)				
FRONT AXLE							
Model		4WD Heavy duty					
Oscillation		+/- 11°					
REAR AXLE		., .,					
Model		Carraro 28.44FR with Differential lock					
BRAKES		Carraio 20.44 A Willi Dillerelliai IOCK					
		dudraulia foot aparatad O dia a a a i i					
Service brakes		Hydraulic foot operated, 2 disc per side					
Parking brakes	Mechani	cally Actuated or Hydraulically actuated	I (SAHR)				
TIRES							
Front		18" or 20"					
Rear		26" / 28" or 30"					
STEERING							
Type		Power Steering - Comfort Steering					
Pressure		180-190 bar					
Turning radius 4WD (external radius)	,	Nith 18" tires: 4300 mm with brakes off 3600 mm with brakes on					
HYDRAULIC SYSTEM							
Туре	Load sensing closed center with twin gear pump (Straight Loader Arm version only)	Load sensing clo variable vol	osed center with ume pump				
Flow (@ 2200 rpm)	156 l/min	6 to 16	3 l/min				
Pressure Loader	240	bar (205 for Straight Loader Arm version	on)				
Pressure Backhoe - std operation		205 bar	- ,				
Pressure Backhoe - Power Boost / Power Lift		240 bar					
SERVICE CAPACITIES		2 10 001					
Engine oil		81					
Transmission oil		20.8					
Rear axle oil							
		15.5					
Hydraulic oil		142					
Fuel tank		128					
DEF tank		13.2 l					
Coolant		24					
ELECTRICAL SYSTEM							
Voltage		12 V					
Battery	Single	Single: 95 Ah 900 A or Double: 60 Ah, 600 A (each)					
Alternator		120 A					
CAB							
Certification		ROPS / FOPS					
Air Conditioning		Optional					
Storage compartments capacity		45 I including: 2 lockable, cooling box					
Speedometer Speedometer		Optional					
Bluetooth radio		Optional					
NOISE		74 -10/4)					
Internal (cab)		74 dB(A)					
External	The state of the s	101 dB(A)					

^{*} SAHR only with DD transmission

	590SV		69	5SV	
	EDT ECO. EEMOL 440A		EDT EGO	EENOL 440A	
	FPT F5C - F5MGL413A High Pressure Common Rail			F5MGL413A	
	Stage V			e Common Rail age V	
	4			4	
	102 mm x 110 mm			x 110 mm	
	3.6 ltr / 17 to 1			/ 17 to 1	
	82 kW (110 hp) @ 2200 rpm			p) @ 2200 rpm	
	89 kW (119 hp) @1900 rpm		·	np) @1900 rpm	
	460 Nm @ 1400 rpm		·	2 1400 rpm	
2200 rpm (rated sp	eed at full load) / 900-1000 rpm (lov	w speed at no load)	2200 rpm (rated speed at full load) /	900-1000 rpm (low speed at no load)	
. ,	4WD	,		- 4WS	
Powershuttle	Powershift	Direct Drive	Powershift	Direct Drive	
Carraro TLB1 PB 4WD	Carraro TLB2 MPB 4WD	Carraro TLB2 2WS DD SAHR PB 4WD	Carraro TLB2 4WS MPB	Carraro TLB2 4WS DD SAHR PB 4WD	
6 - 10 - 21 - 40 (kph)	6 - 10 - 21 - 40 (kph)	6 - 10 - 21 - 22 - 38 - 40 (kph)	7 - 11 - 24 - 40 (kph)	6 - 10 - 21 - 22 - 38 - 40 (kph)	
7 - 12 - 26- 40 (kph)	7 - 12 - 26 (kph)	7 - 12 - 26 (kph)	8 - 13 - 29 (kph)	8 - 13 - 29 (kph)	
				,	
	4WD Heavy duty		4WD with limite	ed slip differential	
	+/- 11°		+/	′- 8°	
	Carraro 28.50 with Differential lock		Carraro 26.43 with	limited slip differential	
Ну	draulic foot operated, 2 disc per si	ide	Hydraulic foot ope	rated, 3 disc per side	
Mechanica	lly Actuated or Hydraulically actua	ted (SAHR)	Mechanically Actuated or F	lydraulically actuated (SAHR)	
	18" or 20"		28"		
	26" / 28" or 30"		28"		
	Power Steering - Comfort Steering	I	-	- Comfort Steering	
	180-190 bar		180-	190 bar	
Wi	With 18" tires: 4300 mm with brakes off 3600 mm with brakes on		With 28" tires: 8180 mm in 2WS mode with brakes off; 6820 mm in 2WS mode with brakes on; 4810 mm in 4WS mode with brakes off		
	Load sensing closed center with variable volume pump			losed center with	
	6 to 165 l/min			65 l/min	
	240 bar		24	0 bar	
	205 bar		20:	5 bar	
	240 bar		24	0 bar	
	81			81	
	20.8			0.81	
	17			3.61	
	142 I			42 I	
	128			28	
	13.2			3.2	
	24 I		2	24	
	12 V		1	2 V	
Single: 9	Single: 95 Ah 900 A or Double: 60 Ah, 600 A (each)			ouble: 60 Ah, 600 A (each)	
	120 A	-	20 A		
	ROPS / FOPS			/ FOPS	
	Optional		·	tional	
45	5 I including: 2 lockable, cooling bo	X	•	ckable, cooling box	
	Optional		·	tional	
	Optional		Op	tional	
	= 4 · P(A)		74	ID(A)	
	74 dB(A)		/4	dB(A)	



GENERAL DIMENSIONS			580	OSV - 590S	V		58	BOSV	
			TOOL CARE	RIER LOAD	ER ARM		STRAIGHT LOADER ARM		RM
LOADER (4WD configuration)			Std bucket	4	x 1 buck	et	Std bucket	4 x 1	bucket
A Maximum dump height under b	oucket at 45°	mm	2606		2665		2711	2	2726
B Dump Reach at full height		mm	844		771		815		757
C Maximum height pin		mm		3478			3	498	
F Dump angle		0		43				40	
M Below ground level digging dep	oth	mm	166		170		105		157
Maximum lifting capacity @ gro	ound level	kg	4830		4610		5000	4	1745
Maximum lifting capacity @ ma	x height	kg	3450		3195		3550	3	3290
Loader breakout force		daN		3580			3	550	
Bucket breakout force		daN		6890			6	220	
				580SV			590SV	580S	V, 590SV
			CASE DNA BACKHOE		INE CYLI BACKHO		CASE DNA BACKHOE		CYLINDER CKHOE
BACKHOE			Extendable Dipper	St Dip _l		endable ipper	Extendable Dipper	Std Dipper	Extendabl Dipper
Backhoe size		ft	14		14		15		15
Swinging angle		0				18	0		
I Maximum reach from swing cer	nter	mm	6640	573	33 (6886	7054	5878	6974
J Maximum operating height		mm	6786	562	29 (6262	7148	5726	6446
K Maximum loading height		mm	4939	393	32	1565	5304	4004	4724
L Maximum digging depth		mm	5328	433	38 5	5378	5780	4499	5688
R Bucket rotation		0	197		197		197		197
Bucket breakout force (add 15%	with Power boost	on) daN	5326	5971	(max forc	e hole)	6114	5971 (ma	x force hole)
Dipper breakout force (add 15% v	with Power boost of	on) daN	2375	376	67 2	2592	2420	3358	2389
G Boom height (transport position)		mm	3638	38-	16 3	3900	3638	3816	3900
OVERALL DIMENSIONS						580SV -	590SV		
O Wheel base		mm				218	33		
P Cab height		mm				28	59		
Q Overall width with standard loade	er bucket	mm				24	45		
Minimum ground clearence		mm				33	37		
WEIGHTS						580SV -	590SV		
Maximum operating weight		kg				958	30		
OPTIONAL BUCKETS									
LOADER Ca	pacity (SAE Itr)	CASE DNA	BACKHOE	Capacity	(SAE Itr)	IN-LIN	IE-CYLINDER BACKH	IOE Capa	city (SAE Itr)
Standard	1000 / 1200	300 mm back	khoe trenching	8	0	300 m	m backhoe trenching*		80
4 x 1	1000 / 1150	400 mm back	khoe trenching*		10	457 m	m backhoe trenching*		140
6 x 1	1000 / 1150	450 mm back	khoe trenching*	1:	20	610 m	m backhoe trenching*		180
		610 mm back	khoe trenching*	18	30	760 m	m backhoe trenching*		260
		760 mm back	khoe trenching	20	60	915 m	m backhoe trenching*		320
		900 mm back	khoe trenching*	31	00				
		1500 mm Dite	ch Cleaning	28	30				



GENERAL DIMENSIONS		695S V		
		TOOL CARRIER LOADER ARM		
LOADER		Std bucket	4 x 1 bucket	
A Maximum dump height under bucket at 45°	mm	2708	2718	
B Dump Reach at full height	mm	799	782	
C Maximum height pin	mm	3531	3531	
F Dump angle	0	46		
M Below ground level digging depth	mm	93	97	
Maximum lifting capacity @ ground level	kg	4770	4580	
Maximum lifting capacity @ max height	kg	3380	3075	
Loader breakout force	daN	39	75	
Bucket breakout force	daN	63	10	

		CASE DNA BACKHOE	IN-LINE CYLIN	DER BACKHOE
BACKHOE		Extendable Dipper	Std Dipper	Extendable Dipper
Backhoe size	ft	15	1	5
Swinging angle	0	18	30	
I Maximum reach from swing center	mm	7055	5879	6975
J Maximum operating height	mm	7286	5871	6599
K Maximum loading height	mm	5440	4143	4871
L Maximum digging depth	mm	5641	4360	5550
R Bucket rotation	0	197	1:	97
Bucket breakout force (add 15% with Power boost on)	daN	6114	59	71
Dipper breakout force (add 15% with Power boost on)	daN	2420	3358	2389
G Boom height (transport position)	mm	3837	3922	4013

OVERALL DIMENSIONS		695SV
O Wheel base	mm	2220
P Cab height	mm	3060
Q Overall width with standard loader bucket	mm	2480
α Ramp angle	0	27

WEIGHTS		695SV
Maximum operating weight	kg	9970

OPTIONAL BUCKETS					
LOADER	Capacity (SAE Itr)	CASE DNA BACKHOE	Capacity (SAE Itr)	IN-LINE-CYLINDER BACKHOE	Capacity (SAE Itr)
Standard	1200	300 mm backhoe trenching	80	300 mm backhoe trenching*	80
4 x 1	1150 / 1200	400 mm backhoe trenching*	110	457 mm backhoe trenching*	140
6 x 1	1150 / 1200	450 mm backhoe trenching*	120	610 mm backhoe trenching*	180
		610 mm backhoe trenching*	180	760 mm backhoe trenching*	260
		760 mm backhoe trenching	260	915 mm backhoe trenching*	320
		900 mm backhoe trenching*	300		
		1500 mm Ditch Cleaning	280		

* Standard and Heavy Duty versions



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.

CNH Industrial

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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

