SINCE 1842

CASE CONSTRUCTION

SV-SERIES STAGE V

BACKHOE LOADERS



550SV | 580SV | 590SV | 695SV





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.

2016
CASE backhoe offering is enlarged introducing “In-Line cylinders” backhoe and “Straight-Loader arm” options.

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 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.

2026
CASE enters the <80 Hp segment in Europe, introducing 550SV.

SV-SERIES BACKHOE LOADERS
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”, accepting no compromises on performances and fuel efficiency.

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

In 2025 we have enhanced our Customer’s experience with the EVOLUTION OF THE SV-SERIES BACKHOE LOADERS, introducing several new features to increase productivity, versatility and serviceability.

Now it’s time to welcome a brand-new model to our line-up: the 550SV.
Making its debut in the sub-80 horsepower segment, this model has been purposefully engineered with a lean, focused and highly practical configuration-perfectly meeting the demands and expectations of this category.



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
+ Low interior noise level	A quiet place to work!
+ Smart 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

(*) Applicable to 580SV, 590SV, 695SV only. | (**) Applicable to 550SV only. | If not specified, it is applicable to all models.

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

FEATURES	BENEFITS
+ Bluetooth radio	Located on right hand pillar, easy reachability in any position
+ Speedometer	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
+ LED working lights	Your work in dark conditions will be as bright as ever
+ Comfort steering (*)	Great for tight spaces, increases efficiency and maximizes productivity
+ Enable/Disable Return to Dig switch (*)	No falling of objects in case of inadvertent engagement of RTD
+ Brake Enable Idle (*)	Drive the TLB in a “Cruise Control” manner during travel
+ Stabilizers Auto-up (*)	Go back in motion more easily and quickly
+ Digital instrument cluster (**)	User friendly interface

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SUSTAINABLE PERFORMANCE

580SV - 590SV - 695SV



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 lt 4 cylinders 16v, 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 compatible to paraffinic fuels (HVO, GTL, BTL, CTL) and Bio-Diesel (B7)
- Biodegradable lubricants option available

550SV



AS EFFICIENT AS EVER!

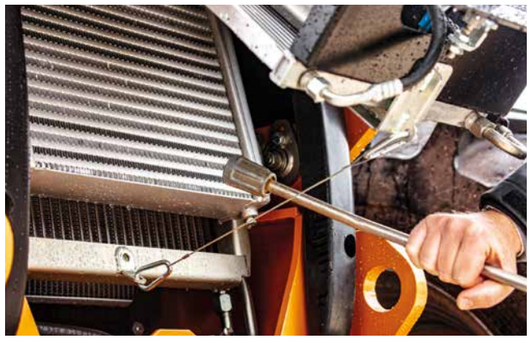
Even in the sub-80 hp segment, no compromises on performance and efficiency. **The 2.8-litre FPT Stage V engine** delivers **excellent torque response and optimized fuel efficiency**, perfectly matching the requirements of compact backhoe applications.

LOW EMISSIONS

+ The 2.8-litre FPT engine meets Stage V regulations while ensuring optimized fuel consumption and low operating costs
+ **Compact after-treatment system: NO Ad-blue required to meet Stage V**
+ Fully compatible to paraffinic fuels (HVO, GTL, BTL, CTL) and Bio-Diesel (B7)







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! (*)
+ **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 (*)

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SV-SERIES BACKHOE LOADERS
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.
+ **Power Boost and Power Lift** for greater backhoe performances

TOOL CARRIER LOADER ARM

+ **Hydraulic quick coupler provision** for easy and quick attachments swap. (*)

  NOTE: Hydraulic quick coupler and control available via Parts on all models
+ The loader's **excellent lift capacity combined with the mechanical parallel lifting** is now enhanced with increased speed to deliver greater productivity.



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IN-LINE CYLINDER BACKHOE

+ **Great visibility** thanks to the narrower frame
+ High stress resistance thanks to the balanced effort distribution along the boom
+ **Hydraulic quick coupler provision** for easy and quick attachments swap (*)

  NOTE: Hydraulic quick coupler and control available via Parts on all models
+ **Swing Dampening** for precise backhoe operations and improved operator comfort (*)
+ **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





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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. (*)
+ **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. (*)
+ **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. (*)
+ **Direct Drive Automatic Transmission**
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** 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.
+ **Comfort steering** - It halves the turns to go from lock to lock compared to standard steering (*)
+ **Digital instrument cluster**: User friendly interface (**)

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**.
+ **Easy Radiator accessibility** for cleaning (*)
+ The 2.8-litre **FPT Stage V engine** delivers **excellent torque response and optimized fuel efficiency**, perfectly matching the requirements of compact backhoe applications (**)
+ Simplified machine architecture reduces maintenance complexity, **lowering service time and cost over the machine lifetime** (**)

360° SERVICE SOLUTIONS

+ **myCASEConstruction** 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



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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.	FLEETPRO	Ensure your machine's performance beyond warranty and manage your budget with CASE's quality second-line 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.



550SV
MAIN SPECIFICATIONS

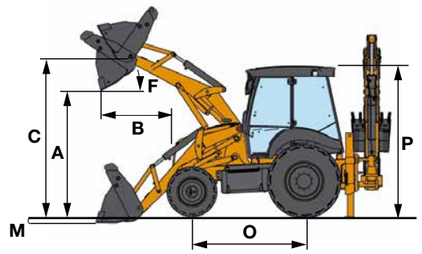
SPECIFICATIONS	550SV
ENGINE	
Make and Model	FPT F28
Injection system	High Pressure Common rail
Emissions level	Stage V
# of cylinders	4
Bore / Stroke	90.8 mm x 108 mm
Displacement / Compression ratio	2.8 ltr / 17 to 1
Engine rated Power (ISO 14396)	54.6 kW (73.2 Hp) @ 2200 rpm
Maximum torque (ISO 14396)	370 Nm @ 1400rpm
Engine speeds	2200 rpm (rated speed at full load)
TRANSMISSION	**4WD**
Type	Powershuttle
Model	Carraro TLB1 PB 4WD"
Forward travel speeds	6 - 9 - 19 - 37 (kph)
Reverse travel speeds	7 - 11 - 22 - 37 (kph)
FRONT AXLE	
Model	4WD (MR1UP)
Oscillation	+/- 16°
REAR AXLE	
Model	CARRARO 28.44M
BRAKES	
Service brakes	Hydraulic foot operated, 2 disc per side
Parking brakes	Mechanically Actuated
TIRES	
Front	18"
Rear	28"
STEERING	
Type	Power Steering
Pressure	140 bar
Turning radius 4WD (external radius)	5600 mm with brakes off 4900 mm with brakes on
HYDRAULIC SYSTEM	
Type	Load sensing closed center with Variable Volume pump
Flow (@ 2200 rpm)	143 l/min
Pressure Loader	205 bar
Pressure Backhoe	205 bar
SERVICE CAPACITIES	
Engine oil	8,5 l
Transmission oil	20 l
Rear axle oil	16 l
Hydraulic oil	114,5 l
Fuel tank	129 l
Coolant	16 l
ELECTRICAL SYSTEM	
Voltage	12 V
Battery	Double 85Ah, 800 A (each)
Alternator	120 A
CAB	
Certification	ROPS / FOPS
Air Conditioning	Standard
Storage compartments capacity	45 l including: 2 lockable
Speedometer	Standard
Bluetooth radio	Standard
NOISE	
Internal (cab)	78 db(A)
External	100 dB(A)

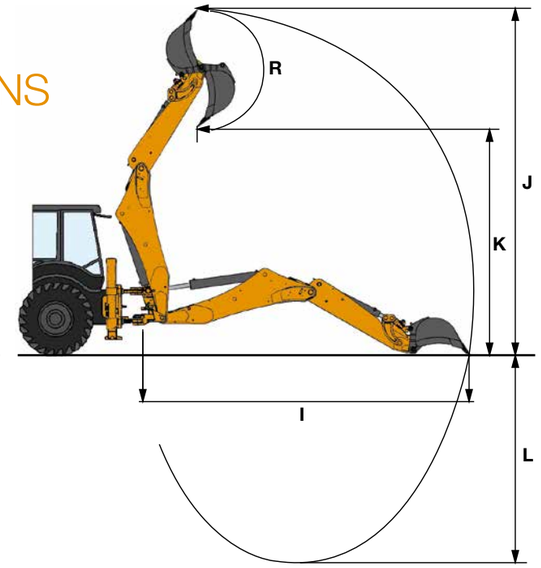
580SV - 590SV - 695SV
MAIN SPECIFICATIONS

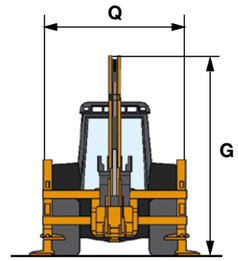
SPECIFICATIONS	580SV			590SV			695SV	
ENGINE								
Make and Model	FPT F5C - F5MGL413B			FPT F5C - F5MGL413A			FPT F5C - F5MGL413A	
Injection system	High Pressure Common Rail			High Pressure Common Rail			High Pressure Common Rail	
Emissions level	Stage V			Stage V			Stage V	
# of cylinders	4			4			4	
Bore / Stroke	102 mm x 110 mm			102 mm x 110 mm			102 mm x 110 mm	
Displacement / Compression ratio	3.6 ltr / 17 to 1			3.6 ltr / 17 to 1			3.6 ltr / 17 to 1	
Engine rated Power (ISO 14396)	72 kW (97 hp) @ 2200 rpm			82 kW (110 hp) @ 2200 rpm			82 kW (110 hp) @ 2200 rpm	
Max Net Power	84 kW (112 hp) @2000 rpm			89 kW (119 hp) @1900 rpm			89 kW (119 hp) @1900 rpm	
Maximum torque (ISO 14396)	453 Nm @ 1400 rpm			460 Nm @ 1400 rpm			460 Nm @ 1400 rpm	
Engine speeds	2200 rpm (rated speed at full load) / 900-1000 rpm (low speed at no load)			2200 rpm (rated speed at full load) / 900-1000 rpm (low speed at no load)			2200 rpm (rated speed at full load) / 900-1000 rpm (low speed at no load)	
TRANSMISSION	4WD			4WD			4WD - 4WS	
Type	Powershuttle	Powershift	Direct Drive	Powershuttle	Powershift	Direct Drive	Powershift	Direct Drive
Model	Carraro TLB1 PB 4WD	Carraro TLB2 MPB 4WD	Carraro TLB2 2WS DD SAHR PB 4WD	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
Forward travel speeds	6 - 10 - 21 - 40 (kph)	6 - 10 - 21 - 40 (kph)	6 - 10 - 21 - 22 - 38 - 40 (kph)	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)
Reverse travel speeds	7 - 12 - 26 - 40 (kph)	7 - 12 - 26 (kph)	7 - 12 - 26 (kph)	7 - 12 - 26- 40 (kph)	7 - 12 - 26 (kph)	7 - 12 - 26 (kph)	8 - 13 - 29 (kph)	8 - 13 - 29 (kph)
FRONT AXLE								
Model	4WD Heavy duty			4WD Heavy duty			4WD with limited slip differential	
Oscillation	+/- 11°			+/- 11°			+/- 8°	
REAR AXLE								
Model	Carraro 28.44FR with Differential lock			Carraro 28.50 with Differential lock			Carraro 26.43 with limited slip differential	
BRAKES								
Service brakes	Hydraulic foot operated, 2 disc per side			Hydraulic foot operated, 2 disc per side			Hydraulic foot operated, 3 disc per side	
Parking brakes	Mechanically Actuated or Hydraulically actuated (SAHR) (*)			Mechanically Actuated or Hydraulically actuated (SAHR) (*)			Mechanically Actuated or Hydraulically actuated (SAHR) (*)	
TIRES								
Front	18” or 20”			18” or 20”			28"	
Rear	26” / 28” or 30”			26” / 28” or 30”			28"	
STEERING								
Type	Power Steering - Comfort Steering			Power Steering - Comfort Steering			Power Steering - Comfort Steering	
Pressure	180-190 bar			180-190 bar			180-190 bar	
Turning radius 4WD (external radius)	With 18” tires: 4300 mm with brakes off 3600 mm with brakes on			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	
HYDRAULIC SYSTEM								
Type	Load sensing closed center with twin gear pump (Straight Loader Arm version only)	Load sensing closed center with variable volume pump		Load sensing closed center with variable volume pump			Load sensing closed center with variable volume pump	
Flow (@ 2200 rpm)	156 l/min	6 to 163 l/min		6 to 165 l/min			6 to 165 l/min	
Pressure Loader	240 bar (205 for Straight Loader Arm version)			240 bar			240 bar	
Pressure Backhoe - std operation	205 bar			205 bar			205 bar	
Pressure Backhoe - Power Boost / Power Lift	240 bar			240 bar			240 bar	
SERVICE CAPACITIES								
Engine oil	8 l			8 l			8 l	
Transmission oil	20.8 l			20.8 l			20.8 l	
Rear axle oil	15.5 l			17 l			13.6 l	
Hydraulic oil	142 l			142 l			142 l	
Fuel tank	128 l			128 l			128 l	
DEF tank	13.2 l			13.2 l			13.2 l	
Coolant	24 l			24 l			24 l	
ELECTRICAL SYSTEM								
Voltage	12 V			12 V			12 V	
Battery	Single: 95 Ah 900 A or Double: 60 Ah, 600 A (each)			Single: 95 Ah 900 A or Double: 60 Ah, 600 A (each)			Single: 95 Ah 900 A or Double: 60 Ah, 600 A (each)	
Alternator	120 A			120 A			120 A	
CAB								
Certification	ROPS / FOPS			ROPS / FOPS			ROPS / FOPS	
Air Conditioning	Optional			Optional			Optional	
Storage compartments capacity	45 l including: 2 lockable, cooling box			45 l including: 2 lockable, cooling box			45 l including: 2 lockable, cooling box	
Speedometer	Optional			Optional			Optional	
Bluetooth radio	Optional			Optional			Optional	
NOISE								
Internal (cab)	74 dB(A)			74 dB(A)			74 dB(A)	
External	101 dB(A)			102 dB(A)			102 dB(A)	

* SAHR only with DD transmission

550SV
DIMENSIONS AND SPECIFICATIONS





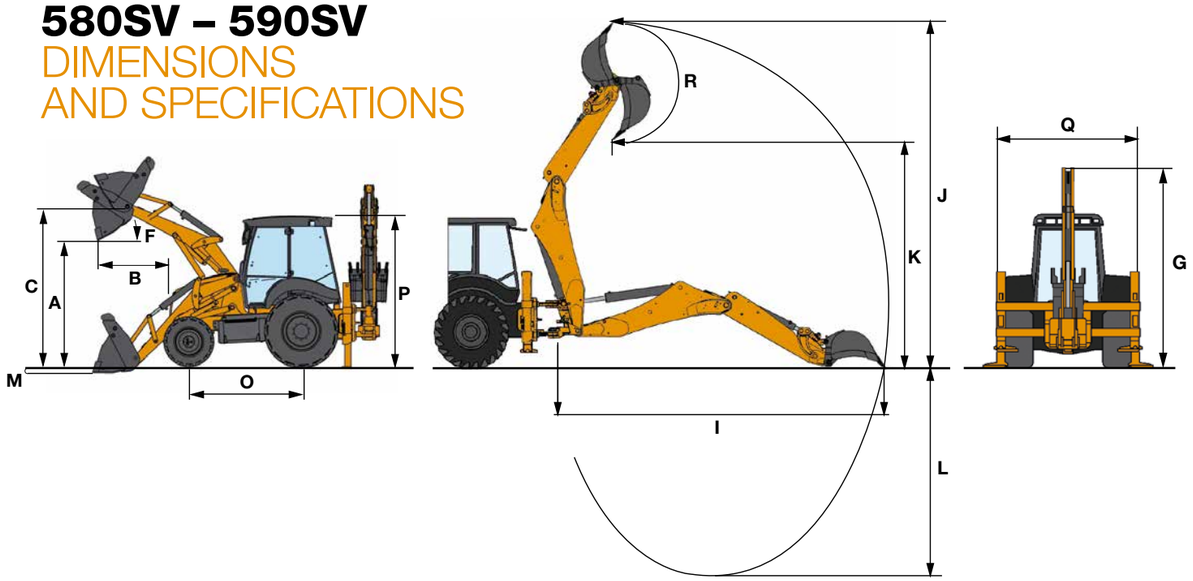


GENERAL DIMENSIONS			550SV	
			TOOL CARRIER LOADER ARM	
LOADER (4WD configuration)			**Std bucket**	**4X1 bucket**
A	Maximum dump height under bucket at 45°	mm	2640	2659
B	Dump Reach at full height	mm	890	874
C	Maximum height pin	mm	3420	
F	Dump angle	°	45	
M	Below ground level digging depth	mm	150	159
	Maximum lifting capacity @ ground level	kg	5650	5475
	Maximum lifting capacity @ max height	kg	4050	3725
	Loader breakout force	daN	5100	
	Bucket breakout force	daN	6600	
			550SV	
			IN-LINE CYLINDER BACKHOE	
BACKHOE			Extendable dipper	
	Backhoe size	ft	14	
	Swinging angle	°	180	
I	Maximum reach from swing center	mm	6713	
J	Maximum operating height	mm	6220	
K	Maximum loading height	mm	4387	
L	Maximum digging depth	mm	5584	
R	Bucket rotation	°	204	
	Bucket breakout force	daN	5615	
	Dipper breakout force	daN	2931	
G	Boom height (transport position)	mm	3800	
OVERALL DIMENSIONS			**550SV**	
O	Wheel base	mm	2175	
P	Cab height	mm	2830	
Q	Overall width with standard loader bucket	mm	2390	
	Minimum ground clearance	mm	380	
WEIGHTS			**550SV**	
Maximum operating weight		kg	9000	

OPTIONAL BUCKETS			
LOADER	**Capacity (SAE ltr)**	**IN-LINE-CYLINDER BACKHOE**	**Capacity (SAE ltr)**
Standard	1000	300 mm backhoe trenching*	80
4 x 1	1000	457 mm backhoe trenching*	120
6 x 1	1000	610 mm backhoe trenching	180

* Available via Parts along with other dimensions and vast variety of attachments

580SV – 590SV
DIMENSIONS AND SPECIFICATIONS



GENERAL DIMENSIONS			580SV - 590SV		580SV	
			TOOL CARRIER LOADER ARM		STRAIGHT LOADER ARM	
LOADER (4WD configuration)			**Std bucket**	**4 x 1 bucket**	**Std bucket**	**4 x 1 bucket**
A	Maximum dump height under bucket at 45°	mm	2640	2659	2711	2726
B	Dump Reach at full height	mm	855	825	815	757
C	Maximum height pin	mm	3420		3498	
F	Dump angle	°	45		40	
M	Below ground level digging depth	mm	150	159	105	157
	Maximum lifting capacity @ ground level	kg	5850	5650	5000	4745
	Maximum lifting capacity @ max height	kg	4100	3800	3550	3290
	Loader breakout force	daN	5200		3550	
	Bucket breakout force	daN	6725		6220	

			580SV			590SV	580SV, 590SV	
			CASE DNA BACKHOE	IN-LINE CYLINDER BACKHOE		CASE DNA BACKHOE	IN-LINE CYLINDER BACKHOE	
BACKHOE			**Extendable Dipper**	**Std Dipper**	**Extendable Dipper**	**Extendable Dipper**	**Std Dipper**	**Extendable Dipper**
	Backhoe size	ft	14	14		15	15	
	Swinging angle	°	180					
I	Maximum reach from swing center	mm	6640	5733	6686	7054	5878	6974
J	Maximum operating height	mm	6786	5629	6262	7148	5726	6446
K	Maximum loading height	mm	4939	3932	4565	5304	4004	4724
L	Maximum digging depth	mm	5328	4338	5378	5780	4499	5688
R	Bucket rotation	°	197	197		197	197	
	Bucket breakout force (add 15% with Power boost on)	daN	5326	5971 (max force hole)		6114	5971 (max force hole)	
	Dipper breakout force (add 15% with Power boost on)	daN	2375	3767	2592	2420	3358	2389
G	Boom height (transport position)	mm	3638	3816	3900	3638	3816	3900

OVERALL DIMENSIONS			580SV - 590SV
O	Wheel base	mm	2183
P	Cab height	mm	2859
Q	Overall width with standard loader bucket	mm	2445
	Minimum ground clearance	mm	337

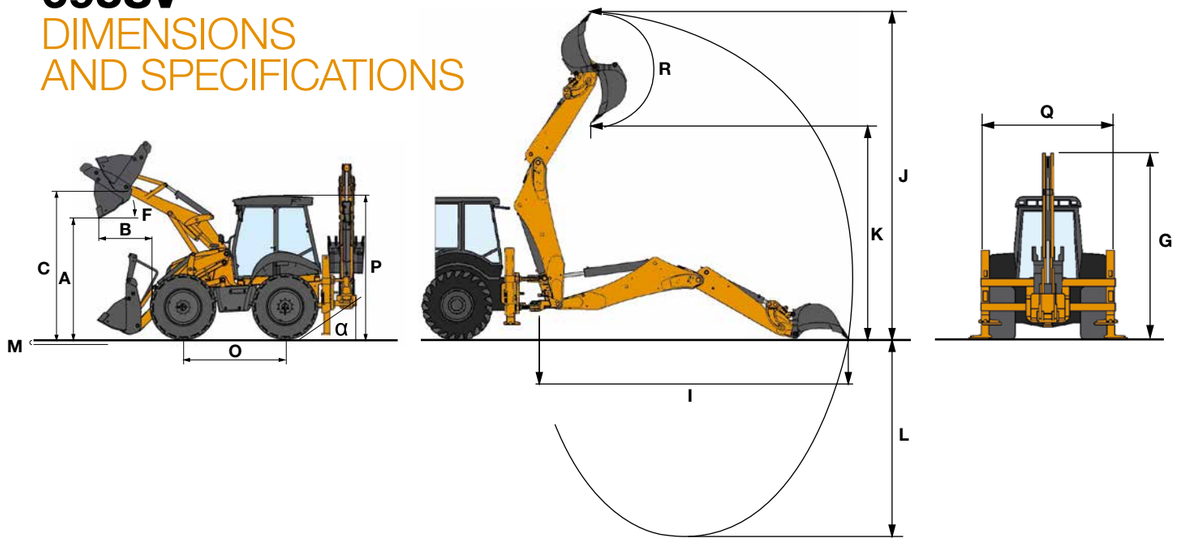
WEIGHTS			580SV - 590SV
Maximum operating weight		kg	9580

OPTIONAL BUCKETS

LOADER	Capacity (SAE ltr)	CASE DNA BACKHOE	Capacity (SAE ltr)	IN-LINE-CYLINDER BACKHOE	Capacity (SAE ltr)
Standard	1000 / 1200	300 mm backhoe trenching	80	300 mm backhoe trenching*	80
4 x 1	1000 / 1150	400 mm backhoe trenching*	110	457 mm backhoe trenching*	140
6 x 1	1000 / 1150	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

695SV
DIMENSIONS AND SPECIFICATIONS



GENERAL DIMENSIONS			695SV	
			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	°	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	3975	
	Bucket breakout force	daN	6310	

			CASE DNA BACKHOE	IN-LINE CYLINDER BACKHOE	
BACKHOE			**Extendable Dipper**	**Std Dipper**	**Extendable Dipper**
	Backhoe size	ft	15	15	
	Swinging angle	°	180		
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	°	197	197	
	Bucket breakout force (add 15% with Power boost on)	daN	6114	5971	
	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	°	27

WEIGHTS			695SV
Maximum operating weight		kg	9970

OPTIONAL BUCKETS

LOADER	Capacity (SAE ltr)	CASE DNA BACKHOE	Capacity (SAE ltr)	IN-LINE-CYLINDER BACKHOE	Capacity (SAE ltr)
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

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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

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