

BACKHOE LOADERS 580 Super R Series 3 580 Super R + Series 3 - 590 Super R Series 3

Engine Horsepower Operating weight (max.) Bucket capacity Max engine torque

Р

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 \Box

580 Super R Series 3 72 kW/97 hp Tier 3 8140 kg 1000 I [`] 400 Nm

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580 Super R+ Series 3 72 kW/97 hp Tier 3 8140 kg 1000 I [°] 453 Nm

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590 Super R Series 3 82 kW/110 hp Tier 3 8140 kg 1000 I 516 Nm

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POWER TO WORK

Super R series 3 Case offer a choice of engines on 580 super R model: - The "580 Super R+ series 3" with a NEW tier 3, 4.5 liter, common rail, high pressure, electronically controlled, engine of 72kW. This engine develops a massive torque of 453 Nm (+ 13 % vs 580 Super R series 2/3) that gives the machine more punch to load and lift, more engine recovery. - The "580 Super R series 3" model is equiped with a turbo aftercooled tier 3, 4.5

- The "580 Super R series 3" model is equiped with a turbo aftercooled tier 3, 4.5 liter, mechanical injection, engine of 72 kW also and developing a torque of 400 Nm equal to the torque of the 580 series 2 . Increased torque. Power to perform.

OPERATOR ENVIRONMENT

The Super R Series 3 cab offers a higher degree of comfort, with ergonomically designed instruments and controls reducing fatigue for the operator. Large glass area with slim pillars offers excellent all round visibility, increasing safety on site. The new overhead radio placement and document storage combined with the new lockable storage and rear window latches make the series 3 cab even more welcoming and convenient for today's demanding operator. The rear glass is fully tiltable to give a totally unobstructed view of the digging area and protects operator from the rain in up position. All four other windows open partially or fully at 180° and click on one another for full adaptation to weather conditions. The new progressive roller-switch, with detent lock, 4X1 handle gives the operator full control of the 4X1 bucket or third hydraulic function. **Comfort and safety. Maximum productivity.**

CAS



Flow compensation hydraulics allow total control of all functions by the operator, with smooth delivery and co-ordination. Hydraulic system combines the simplicity and inherent strength of a two body gear pump with the ease of use of a modular circuit. Pressure control check points are centrally located for easier system diagnosis. Backhoe boom and dipper as well as the two powerful swing cylinders have hydraulic cushioning as standard to prolong life of components and improve precision and smoothness in operation. **Maximum durability. Complete control.**

PILOT CONTROLS

Both 580 Super R Series 3, 580 Super R+ Series 3 and 590 Super R Series 3 can be specified with optional pilot controls, putting the backhoe levers easily into the operator's hands when facing the rear of the machine. Fully adjustable lever towers ensure a comfortable working position for any operator, while control patterns can be switched between backhoe and excavator to meet the needs of all drivers.

Maximum comfort. Total control.

SERVICE ACCESS

Single piece tilting engine hood offers good access to regular service points, all of which can be reached from ground level for safety. The engine bonnet latch is inside the cab to prevent unauthorised opening. 580 Super R+ Series 3, 590 Super R Series 3 engine is compatible with Case Electronic Service Tool for rapid fault diagnosis. Its hydraulics and steering pressure control points are conveniently located between the cab and the fuel tank for easy checks.

Ease of maintenance. Minimal downtime.

INCREASED TRACTIVE EFFORT

Both 580 Super R Series 3, 580 Super R+ Series 3 and 590 Super R Series 3 backhoe loaders are available with a new Powershuttle transmission that increases tractive effort by adopting new rear axles and improved gear ratio by 12%. PowerShift transmission is also offered to adapt the machine to specific user requirements. PowerShuttle system uses robust mechanical components for maximum durability, while PowerShift offers smooth gearshifts for increased operator convenience. On Powershift version the operator can choose manual or automatic gear change for full control of gear selection. **Customer choice. Application specific.**

BACKHOE DESIGN



The Case backhoe uses a robust box type boom design, combining rigidity and light weight. All cylinders are mounted in line with the boom and dipper to spread strain and prolong component life. The Super R Series 3 machines have a wide stabiliser frame, offering excellent stability even when digging to the side of the machine. With a choice of standard or extendible dipper arms the Case backhoe loader can be tailored to individual customer requirements. Wear pads are incorporated in the extendible hoe and the stabiliser legs, to reduce downtime and wear on the machine. Customers can opt for mechanical backhoe levers or the popular pilot controls. Flow sharing hydraulics enable smooth, use of the backhoe, resulting in reduced operator fatigue and faster cycle times, for increased productivity. A mechanical quick coupler is fitted as standard equipment on all Case backhoe loaders, further reducing downtime and increasing machine versatility.

Case buckets ears are designed with 2 digging holes: one for speed, one for strength for full optimisation of their use. The transport lock of the backhoe can be either mechanical or hydraulic. For safety, the Pilot controls automatically deactivate when not in use for a period of time. They are immediately reactivated at operator's will by a flick on a switch. Case Pilot controls offer in standard both ISO and SAE patterns also changeable by the flick of a switch.



The Case Super R Series 3 backhoe loader is equipped with a reinforced loader arm that features exceptional rigidity and strength. All functions are controlled by a single lever to the operator's right, This single lever operates arm lift and lower, bucket tilt and opening and closing of a 4in1 with a "detent" locking position (also called "4x1", for bucket, dozer, clamshell, scrap functions) where fitted. There is a wide choice of front buckets available for the Case backhoe loader, with high spill guards, blades or teeth.

All 4-in-1 buckets are designed to operate with a pallet fork kit if desired. The loader is equipped with an automatic return-to-dig function and mechanical self-levelling, reducing operator fatigue in repetitive digging and loading operations and minimising cycle times. To further boost productivity in ride and carry tasks, the Super R Series 3 backhoe loaders can be equipped with optional Ride Control, which reduces bounce in the loader arms during travel, aiding load retention. The 4-in-1 function conveniently located under the operator's thumb on the single lever loader control itself. The 4-in-1 buckets are pre-equipped to receive tiltable pallet fork kits. Lift hook can also be fitted as kit on bucket.



The 580 Super R Series 3 and 590 Super R Series 3 are all weather, all terrain machines, their four wheel drive providing traction in the worst site conditions. Customers can choose between the robust design of a mechanical PowerShuttle transmission, offering four forward and four reverse gears, or the smooth shifting PowerShift transmission that has four forward and two reverse speeds.

PowerShuttle models have a top speed of 39 kph, while Power Shift machines can manage a 40 km/h.

A 100% lockable differential is fitted to the rear axle of the Case backhoe loaders, and the front axle offers $+/-11^{\circ}$ of oscillation, to maintain traction on the toughest terrain.

Wide front tyres are available as an option for the ultimate in cross country ability.

A maximum turning angle of the front wheels offers a minimal turning radius of 4250 mm to the outside of the front tyres for extreme maneuvrability on all ground conditions.

OPERATOR'S CAB

The Series 3 backhoe loaders have a full width cab with floor to roof glazing for excellent visibility all round the machine. Instruments and the main control panel are situated to the right of the operator, for ease of use. All of the main indicators are situated around the speedometer allowing the operator to fully concentrate when driving the machine on the road. The ROPS/FOPS cab has low internal noise levels of just 77 dB(A) and a powerful heating system provides the desired temperature in the coldest working conditions. Air conditioning is available on both Super R Series 3 machines as an option. The rear window tilts completely over the operator's head, lifting up and out of the line of sight to give the operator a clear view into the trench area. Mechanical levers or optional pilot controls give accurate, smooth control of the backhoe, while a single lever provides control of all loader and front bucket functions. The 4x1 function can be safely neutralised or actuated by the flip of a switch conveniently located under the operator's thumb. The four flat, easy to replace, side windows open partially or fully at 180° and click on one-another on each side. Optional and higly popular hydraulic pilot controls feature a safety activation switch for the choice of patterns (to adapt instantly to the operators habits) and two hydraulic finger tip stabilisers controls.











Case backhoe loaders have always been strong performers and the Series 3 models are no exception. Both 580, 580+ and 590 are equipped with powerful 4.5 liter turbo engines. The 580 Super R Series 3 offers a choice of two Tier III engines, both 72 kW but different torque characteristics: Turbo Aftercooled high pressure Common rail Electronic Injection, for a higher torque of 53 Nm ie + 13% and Turbo aftercooled with Classic Mechanical Injection. The new 590 Super R Series 3 is fitted with a Tier III compliant climate friendlier common rail injected turbocharged and intercooled version. This electronically-controlled engine offers a big boost in torque, to 516 Nm, essential for high rimpull and traction in arduous conditions. The Common Rail engines are also compatible with the Case Electronic Service Tool (EST), making fault diagnosis easier and reducing downtime.





In loading application upgraded flow compensation hydraulics ensure that the operator can use as many functions as possible simultaneously, ensuring smooth, rapid cycle times. The load sensing hydraulic system only uses power on demand, resulting in lower fuel consumption and longer component life. This also contributes to lower noise levels in the cab. Pilot control machines can be equipped with an additional hydraulic valve, with proportional control, that can be used to power a wide range of special attachments, such as augers. This further increases the versatility of what is already a master of many tasks on the construction site.

By the flip of the "turtle" switch ("turtle" for hydraulic liquid reduction) on the front instrument cluster, the operator diverts the unused hydraulic fluid of the second pump to the hydraulic reservoir. In loader application, it optimises the push power of the machine, its productivity and its confort of use.



To meet the different needs of customers in varied industry sectors, Case offers the Super R Series 3 machines with a choice of PowerShift or PowerShuttle transmissions. Owner operators and contractors looking for the ultimate in smooth gearshifting will benefit from the electronically-managed PowerShift transmission, while plant hire customers and those looking for ultimate durability will prefer the robust mechanical gearbox of the PowerShuttle machines, now with an increased tractive effort by adopting new rear axles and improving ratio by 12%. Whichever transmission you choose, the Super R Series 3 backhoe loaders all have a 100% locking rear differential for maximum traction in bad ground. The PowerShift versions offer the choice of fully automatic gear change or manual gear change for full control of gear selection and speed. Powershift provides smoother gear shifting and is appreciated for its forward/reverse agility in loading applications. Differential lock is mechanical in PowerShuttle version, hydraulic and actuated by a switch on dashboard for PowerShift versions.



SPECIFICATIONS 580 SUPER R SERIES 3 (TIER 3)

ENGINE

Make	"CNH UK Limited" (for CASE)
Туре	F4GE9484C*J602
Capacity	Turbocharged 4,5 liter
Number of cylinders	4
Bore x stroke	104 X 132 mm
Injection system	Direct Mechanical
Max speed without load_	
Power ISO 14396	72 kW / 97 hp
Rated speed under load	2250 rpm
Maximum torque EC/97	7/68400 Nm
Speed at maximum torqu	ue1400 rpm
Air filter	Dry type - two elements
Oil filter	Full flow type with screw on element
	$\sim 07/C0/CF$ Tion 9 standards for

The engine conforms to 97/68/CE Tier 3 standards for reduced pollution.

Their reliability and low cost of operation are a byword among Case users.

TRANSMISSION

Two types of transmission POWERSHUTTLE Type PowerShuttle 4 FWD/4 REV Speeds Maximum speeds FWD 1st, 2nd, 3rd and 4th 6.4 - 10.3 - 21.9 and 39 kph REV 1st, 2nd, 3rd and 4th _____7.6 - 12.3 - 26.2 and 40 kph Torque converter stall ratio ____ _2.31:1 Simplicity is also synonymous with strength, that is why CASE uses a mechanical gearbox on its backhoe-loader. It has been tested over long periods and the latest version is the result of long experience. POWERSHIFT

Туре	PowerShift
Speed	4 FWD/2 REV
Maximum travel speeds	
1st, 2nd, 3rd and 4th	6.3 - 11.8 - 23.4 et 40 kph
1st and 2nd	7.5 and 14.0 kph
Stall ratio of torque converter	2.31:1

The management of the "PowerShift" gearbox provides smooth gearshifts, using synchronised gears for longer life of the mechanical parts and increased convenience for the operator. The inverter lever is ergonomically located to the left of the steering wheel.

ELECTRICAL

Voltage	12 Volts
Battery	1 x 12 V x 95 Amp/h
Alternator	90 Amp

HYDRAULICS

Type of pump	Gear
Number of bodies	2
Maximum flow	160 l/ min
Maximum pressure level	210 bar

Filtration_____7 micron The hydraulic system combines the simplicity and strength of a two body gear pump with the ease of use of a modular type circuit. BRAKES

Multi-disc, oil-immersed service brakes on the rear wheels, together with automatic engagement of the front wheel drive, ensure optimum safety in all travel conditions.

Disc diameter	203 mm
Total friction area	2878 cm ²

STEERING

iurning radius	
at ext. edge of front tyres	4250 mm
at bucket corner	5525 mm
at bucket tooth	5625 mm
Note: front tyres 12.5/80-18, wheel not braked, 4	1WD engaged

AXLES

FIXED REAR AXLE	
Lockable differential10	0%
4WD OSCILLATING FRONT AXLE	
Oscillation11°/	11°

TYRES

4WD Front	12.5/80 x 18
	320/80 x 18 (IT520)
4WD Rear _	18.4 x 26
	16.9 x 28
	480/80 x 26 (IT520)

WEIGHT

In the Sideshift version, with the standard tooth loade	er bucket,
610 mm rear bucket, full fuel tank and operator	(75 kg).
4 WD, standard dipper/Ext	7910 kg
4 WD, extendible dipper/Ext.	8140 kg

CAPACITIES

Fuel tank	1281
Hydraulic reservoir	55 I
Total hydraulic circuit	118
Engine oil	13.6
Cooling system	241
Gear box oil	18
Front axle 4WD	
Differential	7.0
Final reduction	0.7 + 0.7
Rear axle 4WD	
Total	22.01
The high capacity fuel tank provides long periods of w	vork between

The high capacity fuel tank provides long periods of work between fill-ups to reduce stoppage time.

NOISE

Internal (LpA)	77dB(A)
External (LwÁ)	103 dB(A)



SPECIFICATIONS 580 SUPER R+ SERIES 3

ENGINE

Make	_"CNH UK Limited" (for CASE)
Туре	F4H80484G*J102
Capacity Turbocharged High	Pressure Common Rail 4,5 liter
Number of cylinders	4
Bore x stroke	104 X 132 mm
Injection system	Electronic
Max speed without load	2430 +/- 50 rpm
Power ISO 14396	72 kW / 97 hp
Rated speed under load	2250 rpm
Maximum torque EC/97/68	453 Nm
Speed at maximum torque	1400 rpm
Air filter	Dry type - two elements
Oil filterFull	flow type with screw-on element

CASE E.S.T. (Electronic Service Tool) compatible. The engine conforms to 97/68/CE Tier 3 (standards for

reduced pollution.

Their reliability and low cost of operation are a byword among Case users.

TRANSMISSION

Two types of transmission	
POWERSHUTTLE	
Туре	PowerShuttle
Speeds	4 FWD/4 REV
Maximum speeds	
FWD 1st, 2nd, 3rd and 4th_	6.4 - 10.3 - 21.9 and 39 kph
REV 1st, 2nd, 3rd and 4th _	7.6 - 12.3 - 26.2 and 40 kph
Torque converter stall ratio	2.31:1

Simplicity is also synonymous with strength, that is why CASE uses a mechanical gearbox on its backhoe-loader. It has been tested over long periods and the latest version is the result of long experience.

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Туре	PowerShift
Speed	4 FWD/2 REV
Maximum travel speeds	
1st, 2nd, 3rd and 4th	6.3 - 11.8 - 23.4 et 40 kph
1st and 2nd	7.5 and 14.0 kph
Stall ratio of torque converter _	2.31:1
The management of the "PowerS	Shift" gearbox provides smooth
gearshifts, using synchronised	I gears for longer life of the
mechanical parts and increased	convenience for the operator.
The inverter lever is ergonomic	ally located to the left of the
steering wheel.	

ELECTRICAL

Voltage	12 Volts
Battery	1 x 12 V x 95 Amp/h
Alternator	90 Åmp

HYDRAULICS

Type of pump	Gear
Number of bodies	2
Maximum flow	160 l/min
Maximum pressure level	210 bar
Filtration	7 micron

The hydraulic system combines the simplicity and strength of a two body gear pump with the ease of use of a modular type circuit.

BRAKES

Multi-disc, oil-immersed service brakes on the rear wheels, together with automatic engagement of the front wheel drive, ensure optimum safety in all travel conditions.

Disc diameter	203 mm
Total friction area _	2878 cm ²

STEERING

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at ext. edge of front tyres	4250 mm
at bucket corner	5525 mm
at bucket tooth	5625 mm
Note: front tyres 12.5/80-18, wheel not braked,	4WD engaged

AXLES

FIXED REAR AXLE	
Lockable differential	100%
4WD OSCILLATING FRONT AXLE	
Oscillation	11°/11°
	-

TYRES

12.5/80 x 18
320/80 x 18 (IT520)
18.4 x 26
16.9 x 28
480/80 x 26 (IT520)

WEIGHT

In the Sideshift version, with the standard tooth loader bucket,		
610 mm rear bucket, full fuel tank and operator	(75 kg).	
4 WD, standard dipper/Ext	7910 kg	
4 WD, extendible dipper/Ext.	8140 kg	

CAPACITIES

Fuel tank	128 I
Hydraulic reservoir	55 I
Total hydraulic circuit	118
Engine oil	13.6 I
Cooling system	241
Gear box oil	18
Front axle 4WD	
Differential	7.0 I
Final reduction	0.7 + 0.7
Rear axle 4WD	
Total	22.01
The high capacity fuel tank provides long periods of v	work between

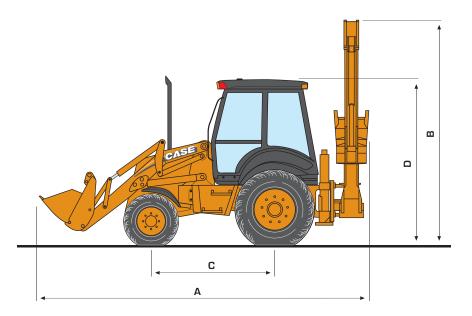
fill-ups to reduce stoppage time.

NOISE

Internal (LpA)	77dB(A)
External (LwÁ)	103 dB(A)



GENERAL DIMENSIONS 580 Super R Series 3 580 Super R+ Series 3



DIMENSIONS

SIDE-SHIFT

A Overall length - with standard bucket	m	5.77
Boom height transport position	m	3.90
C Wheelbase	m	2.18
D Cab height	m	2.90
Overall width - with standard bucket	m	2.43
Width outside tyres	m	2.23
Stabiliser levelling compensation angle		14°

BUCKETS

LOADER BUCKETS		Std	4/1	6/1
Capacity		1000	1000	1000
Weight	kg	415	800	960
Width at blade	m	2.25	2.25	2.25

BACKHOE BUCKETS

Width	mm	300	400	450	610	750	900
Weight	kg	92	106	114	134	152	172



Courtesy of Machine.Market

SPECIFICATIONS 590 SUPER R SERIES 3 (TIER 3)

ENGINE

Make	"CNH UK Limited" (for CASE)
Туре	F4HE9484C*J102
CapacityTurbocharged High	Pressure Common Rail 4,5 liter
Number of cylinders	4
Bore x stroke	104 X 132 mm
Injection system	Electronic
Max speed without load	2430 +/- 50 rpm
Power ISO 14396	82 kW / 110 hp
Rated speed under load	2250 rpm
Maximum torque EC/97/68	516 Nm
Speed at maximum torque	1400 rpm
Air filter	Dry type - two elements
Oil filterFull	flow type with screw-on element

CASE E.S.T. Electronic Service Tool) compatible.

The engine conforms to 97/68/CE **Tier 3** standards for reduced pollution.

Their reliability and low cost of operation are a byword among Case users.

TRANSMISSION

Two types of transmission

POWERSHI ITTI F

POVVERSHUTTLE	
Туре	PowerShuttle
Speeds	4 FWD/4 REV
Maximum speeds	
FWD 1st, 2nd, 3rd and 4th	6.4 - 10.3 - 21.9 and 39 kph
REV 1st, 2nd, 3rd and 4th	_7.6 - 12.3 - 26.2 and 46.4 kph
Torque converter stall ratio	2.31:1
Simplicity is also synonymous v	with strength, that is why CASE
uses a mechanical	

gearbox on its backhoe-loader. It has been tested over long periods and the latest version is the result of long experience. POWERSHIFT

Туре	PowerShift
Speed	4 FWD/2 REV
Maximum travel speeds	
1st, 2nd, 3rd and 4th	6.3 - 11.8 - 23.4 et 41.4 kph
1st and 2nd	7.5 and 14.0 kph
Stall ratio of torque converter _	2.31:1
The management of the "Powers	Shift" gearbox provides smooth
gearshifts, using synchronised	
mechanical parts and increased	l convenience for the operator.
The inverter lever is ergonomic	cally located to the left of the
steering wheel.	

ELECTRICAL

Voltage	12 Volts
Battery	1 x 12 V x 95 Amp/h
Alternator	90 Åmp

HYDRAULICS

Type of pump	Gear
Number of bodies	2
Maximum flow	170 l/min
Maximum pressure level	210 bar
Filtration	7 micron
The hydroulie system combines the sime	ligity and strength of

The hydraulic system combines the simplicity and strength of a two body gear pump with the ease of use of a modular type circuit.

BRAKES

Multi-disc, oil-immersed service brakes on the rear wheels, together with automatic engagement of the front wheel drive, ensure optimum safety in all travel conditions.

Disc diameter	203 mm
Total friction area	2878 cm ²

STEERING

4250 mm
5525 mm
5625 mm
4WD engaged

AXLES

FIXED REAR AXLE	
Lockable differential	100%
4WD OSCILLATING FRONT AXLE	
Oscillation	11°/11°

TYRES

4WD Front	12.5/80 x 18
	320/80 x 18 (IT520)
4WD Rear _	18.4 x 26
	16.9 x 28
	480/80 x 26 (IT520)

WEIGHT

In the Sideshift version, with the standard tooth loader bucket, 610 mm rear bucket, full fuel tank and operator (75 kg). 4 WD, standard dipper/Ext. _____kg 7910/8140

CAPACITIES

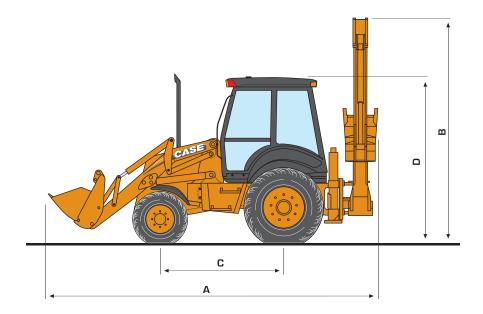
Fuel tank	128
Hydraulic reservoir	55
Total hydraulic circuit	118
Engine oil	13.6
Cooling system	241
Gear box oil	18
Front axle 4WD	
Differential	7.0
Final reduction	0.7 + 0.7
Rear axle 4WD	
Total	22.01
The high capacity fuel tank provides long periods of	work between
fill-ups to reduce stoppage time.	

NOISE

Internal (LpA)	77dB(A)
External (LwA)	103 dB(A)
Eventough scientific evaluations of noise level	s are identical to
the 580 Super R Series 2 engine, operators	and by-standers
tend to perceive noise level of the 590 Sup	er R Series 2 as
"softer".	



GENERAL DIMENSIONS 590 Super R Series 3



DIMENSIONS

SIDE-SHIFT

A Overall length - with standard bucket m	5.77
B Boom height transport position m	3.90
C Wheelbase m	2.18
D Cab height m	2.90
Overall width - with standard bucket m	2.43
Width outside tyres m	2.23
Stabiliser levelling compensation angle	14°

BUCKETS

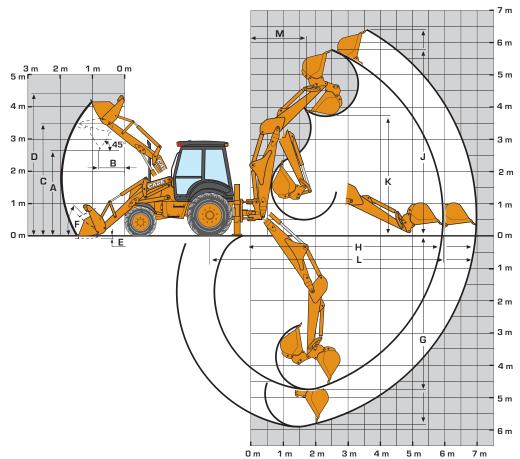
LOADER BUCKETS		Std	4/1	6/1
Capacity	I	1000	1000	1000
Weight	kg	415	800	960
Width at blade	m	2.25	2.25	2.25

BACKHOE BUCKETS

Width	mm	300	400	450	610	750	900
Weight	kg	92	106	114	134	152	172



LOADER AND BACKHOE EQUIPMENT



LOADER

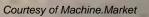
LOADER ATTACHMENT		Digging bucket	4 in 1 bucket
A Maximum dump height under bucket at 45°	mm	2685	2693
B Maximum reach with bucket at 45°	mm	830	813
C Maximum height pin	mm	3460	3458
Maximum bucket height	mm	4250	4405
E Horizontal bucket digging depth	mm	120	125
F Bucket angle (on ground)		43°	43°
Bucket angle (in the transport position)		46°	46°
Lift capacity (at bucket load centre of gravity)	kg	4830	4610
Maximum height lifting capacity	kg	3450	3195
Lift force (boom cylinders)	daN	4050	4070
Breakout force (bucket cylinders)	daN	6545	6650

Dimensions and specifications measured as per SAE J 732 c standard using a 4WD backhoe loader.

HEIGHT TO GROUND		1 m	1.5 m	2 m	2.5 m	Max
Lift capacity of forks on 4x1 at 500 mm from tyne heel	kg	2425	2250	2075	1895	1685

BACKHOE		CASE STANDARD MECHANICAL QUICK COUPLER				
		STANDARD DIPPER	EXTENDIBLE DIPPER			
			Retracted	Extended		
Swinging angle		180°	180°	180°		
G Maximum digging depth	mm	4612	4612	5799		
H Maximum reach from swing centre	mm	5906	5906	6992		
J Maximum operating height	mm	5837	5831	6537		
K Load height	mm	3917	3938	4645		
L Maximum reach at rear axle	mm	7231	7231	8317		
M Capacity at maximum load height	mm	1828	1787	2757		
Central offset	m	0.62	0.62	0.62		
Lift capacity at max outreach	kg	1495	1370	1090		
Breakout force (bucket cylinder)	daN	5603	5603	5603		
Digging force (dipper cylinder)	daN	3744	3775	2643		
Bucket rotation*		162 - 200	162 - 200	162 - 200		

* Force - speed bucket hole



R.a

80-590 Super R Series O Super R+ Series

STANDARD EQUIPMENT & OPTIONS

Radio pre wiring Radio compartment

Seat belt

regulations

Backhoe

controls

& stabilizers

Hammer circuit

Lifting hook on dipper

pattern) Choice of tyre sizes Limited slip differential

Safety valves on loader Forks kit on 4x1

Overload warning buzzer

Loader

teeth

Document compartment Lockable storage

Safety decals Battery isolation switch

Tyre valve protections

Safety strut on loader

OPTIONS

Noise insulation meeting european CE

Pilot hydraulic controls SAE/ISO for backhoe

Two way auxiliary hydraulic circuit with pilot

Safety valves on stabilisers
 SAE pattern for mechanical backhoe controls

Choice of buckets (std, 4x1, 6x1) with blade or

Choice of tyres (construction or agricultural

Ride Control (amortisation of load in travel)

Extendible dipper with wear pads

Safety valves on boom and dipper

Hydraulic transport lock Standard or Heavy Duty buckets

Rubber pads on stabilisers

TANDARD QUIPMENT

- 97 hp (580), 97 hp Common rail (580+) and 110 hp common rail (590) Case 4.5 turbo engine 4 wheel drive
- Powershuttle or Powershift transmission
- Flow sharing /Load sensing hydraulics 1000 | loader bucket capacity
- Centrifugal air pre-cleaner Rear differential lock

- ISO pattern layout of backhoe controls
- Rigid and light box type boom with inline cylinders Mechanical quick coupler on backhoe

- Wear pads on stabilisers
 Mechanical transport lock
 Dismountable clamp cylinders
 Angled sliding rail on slide frame
- Single lever with 4X1 thumb control with detent
- Loader automatic return to dig
- Loader float position
- Reinforced loader structure Mechanical self levelling on loader Construction or agricultural tyres
- in different sizes Self storing loader strut
- 4 fully tilting and click-on oneanother side windows
- Fully tilting over rear window
- With door lacthches
- Heating and efficient defrosting
- Sun visor Working lights on top of cab (2 front /2 rear)
- Cloth suspension seat Steering wheel spinner knob

- Reversing audible alarm
- Standard and optional equipment shown can vary by country.

Worldwide Case Construction Equipment Contact Information

EUROPE/AFRICA/MIDDLE EAST: Centre D'affaires EGB

5, Avenue Georges Bataille - BP 40401 60671 Le Plessis-Belleville - FRANCE

NORTH AMERICA/MEXICO: 700 State Street Racine, WI 53404 U.S.A.

LATIN AMERICA:

Av. General David Sarnoff 2237 32210 - 900 Contagem - MG Belo Horizonte BRAZIL

ASIA PACIFIC:

Unit 1 - 1 Foundation Place - Prospect New South Wales - 2148 AUSTRALIA CHINA:

No. 29, Industrial Premises, No. 376. De Bao Road, Waigaoqiao Ftz, Pudong, SHANGHAI, 200131, P.R.C.

CASE Customer Assistance 00800-2273-7373

The call is free from a land line. Check in advance with your Mobile Operator if you will be charged.

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 reserves the right to modify machine specifications without incurring any obligation

Conforms to directive 98/37/CE

- Check valves for 4x1, 6x1 buckets
- Cab

- Air conditioning
 Additional working lights (2 front)
 Additional working lights (2 rear) Deluxe spring suspension seat with belt and
- elbow rests Tiltable steering wheel
- Internal fan
- Roof plate holder
 Right hand rear view mirror Other
- Front wheel fenders
- Double batteries with cold start
- Remote battery terminalsMuffler with spark arrestor
- Stabilisers lock out valves
- Antitheft device
- Antitheft lock 4 wd
- Front counterweight
- Load chart decal
- Rotating beacon (roof mount) Basic tool kit

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