

570ST
BACKHOE LOADER

CASE
CONSTRUCTION

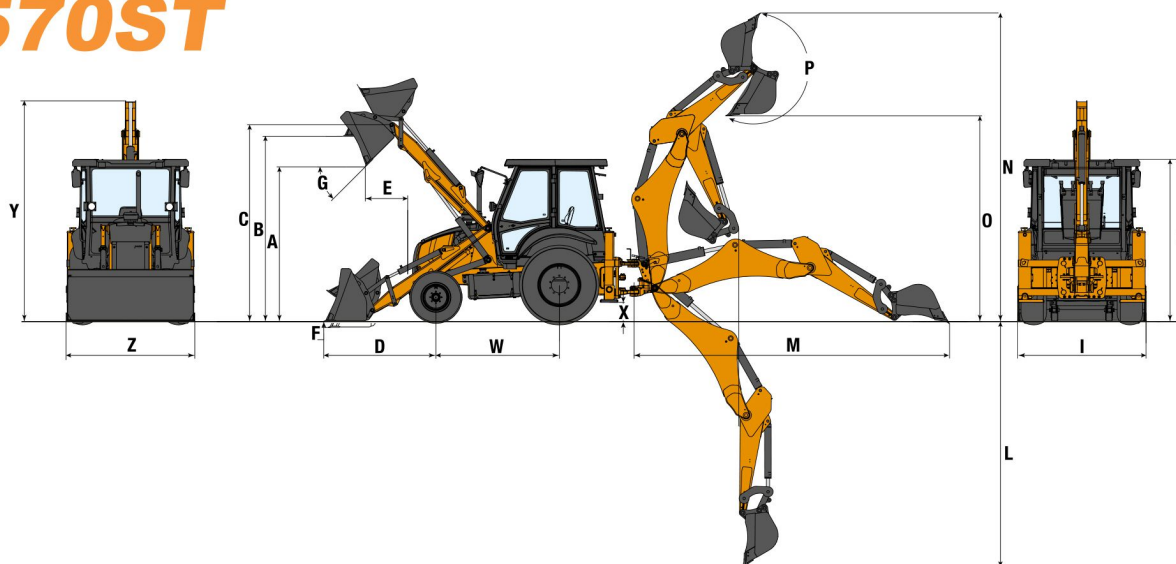


**THE DAWN
OF A NEW ERA**

CaseCE.com
EXPERTS FOR THE REAL WORLD
SINCE 1842

SPECIFICATIONS

570ST



GENERAL DIMENSIONS

		570ST (2WD/4WD)
A	Dump height	2650/2720 mm
B	Load over height	3205/3275 mm
C	Hinge pin height	3510/3580 mm
D	Reach at ground	1980 mm
E	Reach at full height-bucket dumped	800/760 mm
F	Below ground level-dig depth	94/98 mm
G	Dump angle	47°/45°
Maximum lifting capacity @ max height		3425 kg

OVERALL DIMENSIONS AND WEIGHTS

		570ST (2WD/4WD)
H	Cab height	2850/2870 mm
I	Overall width	2277 mm
Overall operating weight		7350 kg
W	Wheel base	2175 mm
X	Minimum ground clearance	400 mm
Y	Overall height (Transport)	3820/3800 mm
Z	Width over bucket (Transport)	2277 mm

BACKHOE - STANDARD DIPPER

		570ST(15)
L	Max.dig depth	4700 mm
M	Reach ground level to swing center	5927 mm
N	Max working height	5675 mm
O	Max load over height	3726 mm
P	Bucket rotation	204°
Bucket breakout force		5630 kg
Dipper digging force		4300 kg

BACKHOE - EXTENDAHOE DIPPER

		570ST(15)
L	Max.dig depth	5892 mm
M	Reach ground level to swing center	7024 mm
N	Max working height	6405 mm
O	Max load over height	4459 mm
P	Bucket rotation	204°
Bucket breakout force		5630 kg
Dipper digging force (retracted)		4300 kg

OPTIONAL BUCKETS

	Capacity (SAE L)
Loader GP	1000
Loader GP	1100
Loader	1200
4 x 1 Loader	1000
12 (300 mm) backhoe trenching	80
18 (450 mm) backhoe trenching	120
24 (600 mm) backhoe trenching	180
30 (760 mm) backhoe trenching	260
36 (910 mm) backhoe trenching	300

SPECIFICATIONS

	570ST 2WD/4WD
ENGINE	
Model	8045.45.748
Type	Turbocharged aftercooler
Displacement / Compression ratio	3.9 l / 18.3:1
Bore/Stroke	104 x 115mm
Horsepower - rated at 2200 rpm	96 hp
Maximum torque at 1300 rpm	420 Nm
Engine speeds	2200 rated speed, full load
POWER TRAIN	
Transmission	CARRARO 2WD TLB1 or 4WD TLB1
Type	Power Shuttle with 4 forward and 4 reverse travel gears
Gear	Forward - Reverse (speed kmph)
1st - 2nd - 3rd -4th Speed	6.2/7.4 - 10/12 - 20.7/24.8 - 39.2/NR
FRONT AXLE	
2 Wheel Drive (Standard)	Model CNH PS1300
Type - Oscillation	+/- 10.5°
4 Wheel Drive (Optional)	Model CARRARO 26.17
Type - Oscillation	+/- 8°
REAR AXLE	
Model	CARRARO 28.32M
Type	Rigid
BRAKES	
Services brakes	Type: wet multi-disc / Nr. of discs: 6
Parking Brakes	Type: Manual, with lever
TYRE SIZE RECOMMENDED	
2WD	16.9 x 28 - 12PR or 12 x 25 - 20 PR rear
4WD	16.9 x 28 - 12 PR front
HYDRAULIC SYSTEM	
Type	Open center with double gear pump
Flow rate	145 lpm @ 2200rpm
Pressure	210 bar
STEERING	
Type	Power Steering
System pressure / Displacement	140 bar / 125cc
Turning radius (outside of the bucket)	5550 mm with brake
Tread width	1697 mm front
CABIN	
Certification	ROPS/FOPS
Air conditioning	Optional
SERVICE CAPACITIES	
Engine oil	9.1 ltr
Trasmission oil	19/21 ltr
Front axle oil	-/9 ltr
Rear axle oil	17 ltr
Hydraulic oil	110 ltr
Fuel tank	129 ltr
Coolant	24 ltr

MAIN REASONS TO CHOOSE THE T-SERIES BACKHOE LOADER



EASY ACCESS

Traditionally CASE backhoe Loaders are recognized for easy components as well as cab accessibility. for easy components as well as cab accessibility. All the controls are easy to reach for maximum performances and safety.



POWER SHUTTLE WITH TORQUE

The power shuttle transmission with torque converter allows operations. The electro hydraulic reversing as well as the cutoff button ensures comfortable and fast travelling.



HIGH VISIBILITY

Excellent visibility for all operations with loader or backhoe. Fully openable front and rear glasses for excellent cab ventilation.



FAST LOADING CYCLE

The return to dig mode guarantees precise automatic loader repositioning and easy to control loading operations.



STRAIGHT LOADER ARM

Above any limit the CASE loader ensure highest loading capacity in the market combined with best in class tipping height. The self leveling mechanism during the lifting phase makes the operator more productive, precise and provides better driving comfort.



HIGH EFFICIENCY

The S8000 FPT engine with high power and torque density provides the best-in-class performances in any application either with backhoe or front loader.



SAFE AND EASY MAINTENANCE

All the main check point can be easily reached from the ground. The front tilting engine hood and the perfect components layout ensures fast routine operations.



CASE DNA

“S-tyled backhoe”: The new Backhoe represents the continuity of CASE DNA. Performances: lifting capacity, digging depth, digging force raises a new standard on this machine segment. Higher productivity on 570ST thanks to closed center hydraulic system and high flow oil pump.



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