

# BACKHOE LOADERS

TLB SV SERIES  
695SV

**CASE**  
CONSTRUCTION



## ENGINE

Make and Model	FPT NEF - F4HE9484C
Injection system	High Pressure Common Rail
Emissions level	Tier 3
# of cylinders	4
Bore / Stroke	104 mm x 132 mm
Displacement / Compression ratio	4.5 ltr / 17.5 to 1
Engine rated Power (ISO 14396)	82 KW (110 hp) @ 2200 rpm
Maximum torque (ISO 14396)	516 Nm @ 1400 rpm
Engine speeds	2200 rpm (rated speed at full load) / 950-1000 rpm (low speed at no load)

## TRANSMISSION

Type	Powershift 4WD - 4WS
Model	Carraro TLB2 MPB 4WS
Travel speeds (kph)	4 Forward: 6 - 10 - 22 - 39 3 Reverse: 7 - 12 - 26

## FRONT AXLE

Model	4WD with limited slip differential
Oscillation	+/- 8°

## REAR AXLE

Model	Carraro 26.43FR with Differential lock
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## BRAKES

Service brakes	Hydraulic foot operated, 3 discs per side
Parking brakes	Mechanically actuated wet brake pack on transmission output shaft

## STEERING

Type	Hydraulic Power Steering
System pressure / Displacement	180 bar / 160 cc
Turning radius 4WD (external radius) 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

## TIRES

Front and Rear	16.9-24 R4 12PR, 16.9-28 R4, 440/80 R28
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## HYDRAULIC SYSTEM

Type	Load sensing, closed center hydraulic system with twin gear pump	Load sensing, closed center hydraulic system with variable displacement pump
Flow (@ 2200 rpm)	167 l/min	15 to 165 l/min
Pressure	205 bar	

## SERVICE CAPACITIES

Engine oil	13.6 l
Transmission oil	20.8 l
Front axle 4WD oil	11.8 l
Rear axle oil	12.3 l
Hydraulic oil	132 l
Fuel tank	132 l
Coolant	24 l

## ELECTRICAL SYSTEM

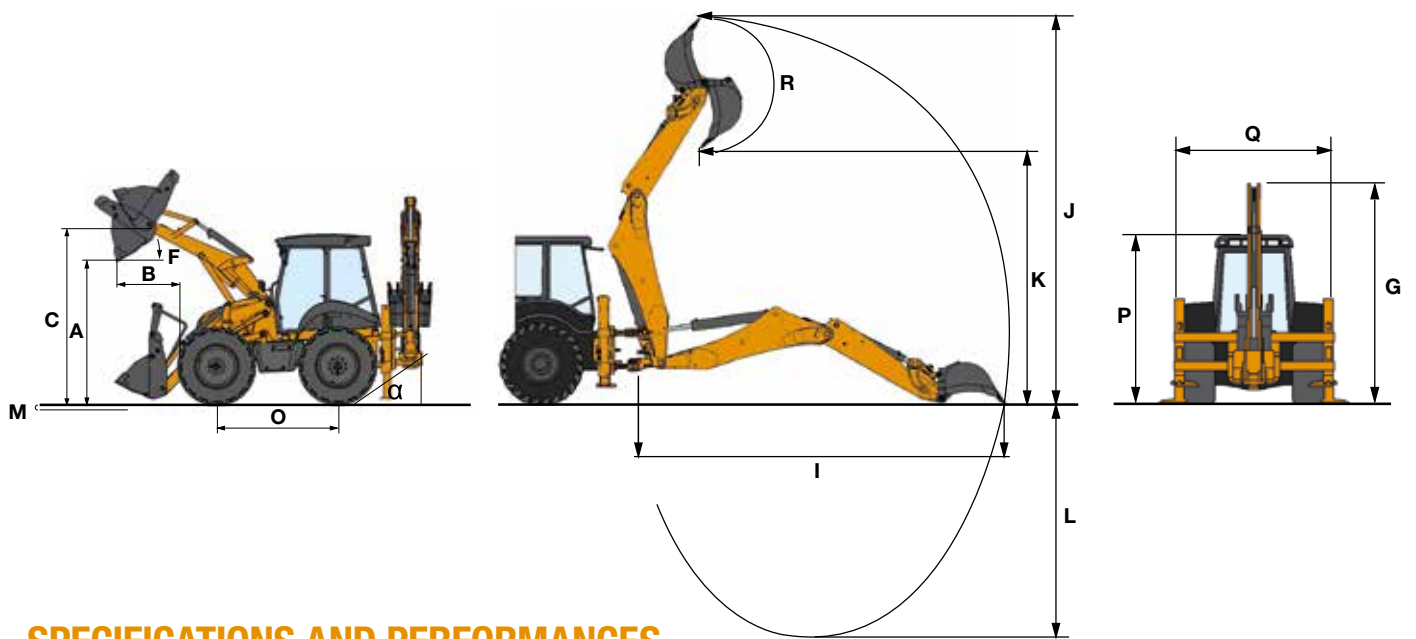
Voltage	12 V
Battery	Single: 95 Ah 900 A or Double: 60 Ah, 600 A (each)
Alternator	120 A

## CAB

Certification	ROPS / FOPS
Air Conditioning	Optional
Storage compartments capacity	45 l including: 2 lockable, cooling box
Speedometer	Optional
Bluetooth radio	Optional

## NOISE

Internal (cab)	77 dB(A)
External	103 dB(A)



## SPECIFICATIONS AND PERFORMANCES

### TOOL CARRIER LOADER ARM

LOADER		STD BUCKET	4X1 BUCKET	
A	Maximum dump height under bucket at 45°	mm	2708	2619
B	Dump Reach at full height	mm	799	587
C	Maximum height pin	mm		3478
F	Dump angle	°	56	
M	Below ground level digging depth	mm	93	127
	Maximum lifting capacity @ ground level	kg	4770	4580
	Maximum lifting capacity @ max height	kg	3380	3075
	Loader breakout force	daN	3554	3536
	Bucket breakout force	daN	5411	5497

### CASE DNA

### IN-LINE CYLINDER

BACKHOE		STD DIPPER	EXTENDABLE DIPPER	STD DIPPER	EXTENDABLE DIPPER	
	Backhoe size	ft	15			
	Swinging angle	°	180			
I	Maximum reach from swing center	mm	5929	7085	5831	6965
J	Maximum operating height	mm	6043	7069	5616	6348
K	Maximum loading height	mm	4098	5124	3867	4601
L	Maximum digging depth	mm	4750	5965	4666	5881
R	Bucket rotation	°	198		203	
	Bucket breakout force	daN	6114		5971	
	Dipper breakout force	daN	3362	2420	3358	2389

### OVERALL DIMENSIONS

G	Boom height (transport position)	mm	3675	3837	3922	4013
O	Wheel base	mm	2200			
P	Cab height	mm	2964			
Q	Overall width with standard loader bucket	mm	2483		2452	
	Minimum ground clearance	mm	450			

### Operating weight range

Kg

8800 - 9310

Operating weight is subject to machine configuration and attachment options

### OPTIONAL BUCKETS

LOADER Bucket With Teeth/Blade	CAPACITY (SAE m³)	CASE DNA BACKHOE	CAPACITY (SAE m³)
Standard	1.15	600 mm backhoe trenching	0.17
4x1	1.15	<b>IN-LINE CYLINDER BACKHOE</b>	
6x1	1.15	610 mm backhoe trenching	0.18

**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

creative-farm 09/2024