

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
Forward travel speeds (kph)	6 - 10 - 22 - 39
Reverse travel speeds (kph)	7 - 12 - 26 - N/A

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	24" or 28"
Rear	24" or 28"

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

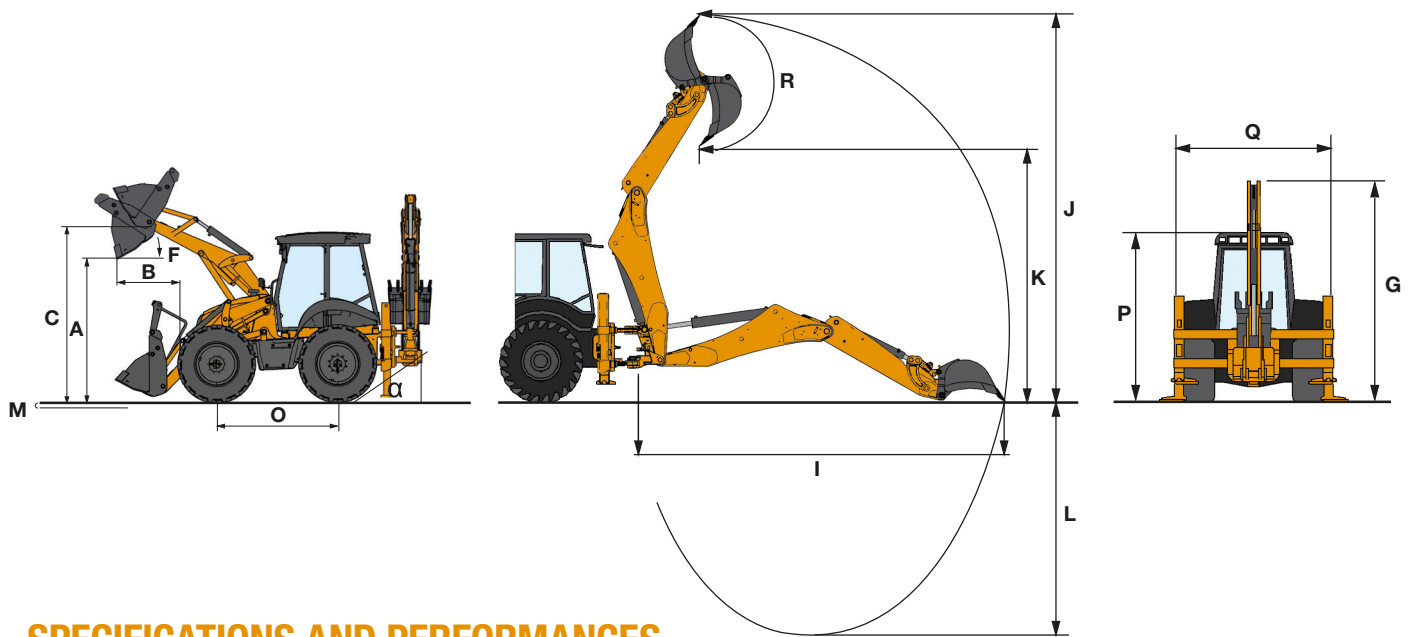
Voltage	12 V
Battery	Single: 95 Ah 900 A or Double: 60 Ah, 600 A (each)
Alternator	120 A

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
B	Dump Reach at full height	mm	799
C	Maximum height pin	mm	3478
F	Dump angle	°	56
M	Below ground level digging depth	mm	93
	Maximum lifting capacity @ ground level	kg	4770
	Maximum lifting capacity @ max height	kg	3380
	Loader breakout force	daN	3554
	Bucket breakout force	daN	5411

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
J	Maximum operating height	mm	6043	7069	5616
K	Maximum loading height	mm	4098	5124	3867
L	Maximum digging depth	mm	4750	5965	4666
R	Bucket rotation	°	198		203
	Bucket breakout force	daN	6114		5971
	Dipper breakout force	daN	3362	2420	3358

OVERALL DIMENSIONS

			STD DIPPER	EXTENDABLE DIPPER	STD DIPPER	EXTENDABLE DIPPER
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	CAPACITY (SAE LTR)	CASE DNA BACKHOE	CAPACITY (SAE LTR)
Standard	1000 / 1150	600 mm backhoe trenching	170
4x1	1000 / 1150	IN-LINE CYLINDER BACKHOE	
6x1	1000 / 1150	610 mm backhoe trenching	180

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