



MODELS 395, 495 Tractors

Utility, 2WD and MFD

27 (36 hp), 31 (42 hp) PTO kilowatt



Photographed at St Marys NSW

395, 495 TRACTORS

The Case International 395 and 495 are compact in size, with a low design and short turning radius. They are equipped with every standard feature you need for all-around-the-farm versatility – loading, ploughing, disking, haymaking – and for all kinds of PTO work.

GENERAL FEATURES

HIGH-TORQUE DIESEL ENGINE

The Case International 2.93 L (179 in³) 3-cylinder power plant provides high performance and operating economy over a wide range of jobs. It features direct injection for easy starts and fuel economy. The engine's slow 2200 rpm operating speed along with valve rotators promotes long life and reduced maintenance.

SMOOTH-SHIFTING TRANSMISSION

The synchronised 8F/4R speed transmission makes shifting easier and faster than complicated shifting patterns on many tractors. The High-Low-Reverse range lever permits fast cycling, especially valuable in loader work. The 495 includes 8 forward 4 reverse creeper speeds.

3-POINT HITCH

INFINITE RAISE RESPONSE

Infinite raise response gives you fingertip control as precise as field conditions require. And raise response override provides fast lifting of implements at the end of the field. So you have full control of all ground-working implements for fuel economy and quality work.

HIGH-CAPACITY HYDRAULIC PUMP

The hydraulic pump provides all the hydraulic power needed for steering, braking and the 3-point hitch. The pump has 62.1 L/min (13.1 gpm) capacity.

SPLIT DECK CONTROLS

You get more operating room plus greater comfort with two control areas: left for shift levers and parking brake, right for hydraulic controls and PTO.

MFD (Mechanical Front Drive) (Optional)

395:

Centre drive shaft, dog clutch engagement and drive shaft shield standard.

495:

Electro-hydraulic "on-the-go" switch engage/disengage and limited slip differential optional.

PTO

The independent 540/1000 rpm PTO clutch is hydraulically actuated, providing smooth application of power to implements.

SPECIFICATIONS

ENGINE

395

Max kW measured at 2200 rpm
 S.A.E. gross engine34.2 (46 hp)
 S.A.E. net engine32 (43 hp)
 PTO27 (36 hp)

Max gross torque Nm
 at 1650 rpm162 (119 ft lbs)

Make and
 modelCase International D-155

Piston displacement2.5 L (155 in³)

Number of cylinders3

Type cylinder sleeveWet

Speed, rated full load2200 rpm

Governed speed range650-2430 rpm

Bore and stroke98.4 x 111.1 mm
 (3.8" x 4.3")

Compression ratio16:1

Starting aidsthermostart

495

Max kW measured at 2200 rpm
 S.A.E. gross engine39 (53 hp)
 S.A.E. net engine37 (50 hp)
 PTO31.31 (42 hp)

Max gross torque Nm
 at 1600 rpm188 (139 lbs)

Make and
 modelCase International D-179

Piston displace2.93 L (179 in³)

Number of cylinders3

Type cylinder sleeveWet

Speed, rated full load2200 rpm

Governed speed range700-2400 rpm

Bore and stroke98.0 x 128.5 mm
 (3.88" x 5.06")

Compression ratio16:1

Starting aidsthermostart

FLUID CAPACITY

Fuel tank75.7 L (16.7 gal)
 Cooling system11.4 L (2.5 gal)
 Engine lube oil w/filter7.8 L (1.72 gal)
 Transmission and
 hydraulic reservoir34.0 L (7.5 gal)

TRANSMISSION

Provides 8 forward speeds and 4 reverse speeds plus on the 495 an additional 8 forward and 4 reverse creeper speeds.

395

Standard transmission w/14.9 x 28 tyres

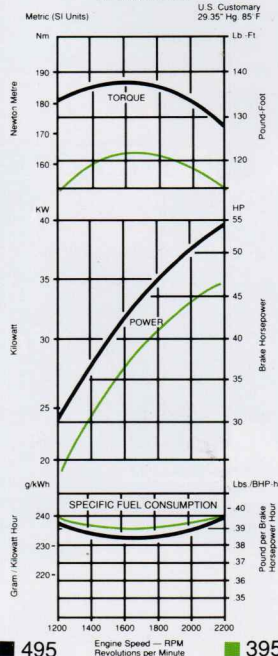
Range	Gear	km/h	(mph)
LOW	1	2.64	(1.64)
	2	4.80	(2.67)
	3	5.81	(3.61)
	4	7.47	(4.64)
HIGH	1	10.13	(6.30)
	2	16.46	(10.23)
	3	22.26	(13.83)
	4	28.63	(19.79)
REV	1	3.17	(1.97)
	2	5.15	(3.20)
	3	6.97	(4.33)
	4	8.96	(5.57)

495

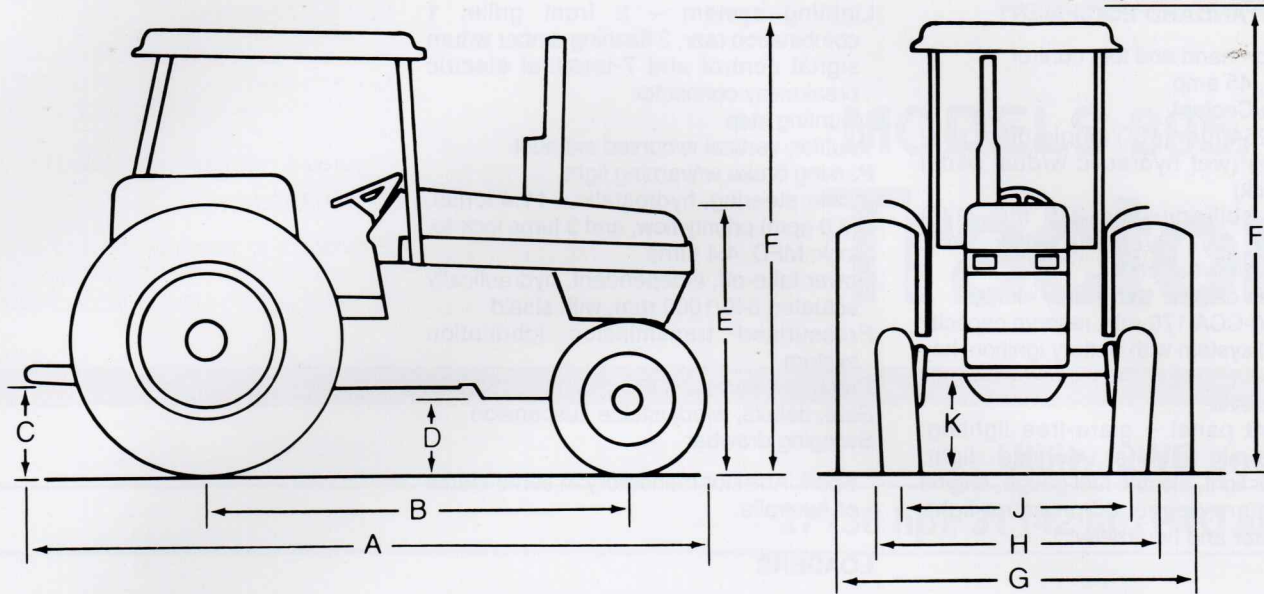
Creeper transmission w/14.9 x 28 tyres

Range	Gear	Direct		Creeper	
		km/h	(mph)	km/h	(mph)
LOW	1	2.40	(1.49)	0.27	(0.17)
	2	3.92	(2.43)	0.44	(0.27)
	3	5.26	(3.29)	0.58	(0.36)
	4	6.80	(4.22)	0.75	(0.47)
HIGH	1	9.22	(5.73)	1.02	(0.63)
	2	15.00	(9.30)	1.64	(1.02)
	3	20.25	(12.58)	2.23	(1.38)
	4	26.04	(16.18)	2.86	(1.78)
REV	1	2.90	(1.80)	0.32	(0.20)
	2	4.70	(2.91)	0.52	(0.32)
	3	6.34	(3.94)	0.71	(0.44)
	4	8.16	(5.08)	0.90	(0.56)

ENGINE PERFORMANCE CURVES



395, 495 TRACTORS



APPROXIMATE OVERALL DIMENSIONS

	A	B	C	D	E	F	G	H	J	K
Model Style	Overall Length	Wheel Base	Drawbar* Height	Under Frame Clearance	Hood Height	Height to top of ROPS	Overall Width	Rear Wheeltrack Width	Front Wheeltrack Width	Under Front Axle Clearance
Utility – ROPS 2WD	3.45 m (136")	2.0 m (79.8")	457 mm (18.0")	363 mm (14.3")	1.4 m (55")	2.38 m (93.5")	1.68 m (66")	1.32 to 1.93 m (52 to 76")	1.32 to 1.96 m (52 to 77")	561 mm (22.1")
Utility – ROPS MFD	3.51 m (138.3")	2.11 m (83.2")	348 mm (13.7")	254 mm (10")	1.5 m (59.2")	2.40 m (94.4")	1.68 m (66")	1.42 to 1.93 m (56 to 76")	1.42 to 1.78 m (56 to 70")	356 mm (14")

* Note: Dimension is taken from the top edge of the drawbar down to the ground surface. Centreline of the axle (rear) to the top of the drawbar 268 mm (10.55").

HYDRAULICS

Open-centre system, gear pump type.
 Operating pressure2500 psi
 Pump capacity
 Standard62.1 L/min. (13.7 gpm)
 Optional 1- or 2-spool hydraulic valve with power-beyond manifold, including ISO couplers, 1 hydraulic valve standard on 495.

HITCH

Category I convertible to II. 3-lever control for draft, position and raise response. outside check chains with stabilizers. Fixed lower links.
 Lift capacity 610 mm (24") behind lift links1061 kg (2340 lbs)
 Lift at hitch ball (horizontal)1680 kg (3700 lbs)

FRONT AXLES

Capacities in kilograms

	Dynamic*
Straight adjustable (standard)	2300 (5070 lbs)
MFD	3368 (7425 lbs)

REAR AXLE

	Dynamic*
Flange style, differential lock.....	4200 (9259 lbs)

* Moving measurement working off-road with wheel tread at 1.52 m (60").

WEIGHT

Approximate shipping weight of tractor w/hitch, protective frame, drawbar, one hydraulic valve, PTO, standard tyres, coolant – less fuel, ballast, weights
 Utility2361 kg (5200 lbs)
 MFD2768 kg (6090 lbs)

TYRES

	Rear	Front
395	14.9 x 24/6	7.50 x 16/6
495	14.9 x 28/6 13.6 x 38/6	7.50 x 16/6 10.00 x 16/6

MFD Matching Wheel Equipment

	Rear	Front
395	14.9 x 28/6	8.3 x 24/6
495	14.9 x 28/6 13.6 x 38/6	8.3 x 24/6 12.4 x 24/6

TURNING RADIUS

No brakes	
Utility	3.4 m (11.1')
W/MFD engaged	4.30 m (14.1')
With brakes	
Utility	2.9 m (9.6')
W/MFD engaged	3.08 m (10.1')
Drawbar lateral swing (total)	315 mm (12.4")

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OTHER STANDARD EQUIPMENT

Accelerator—hand and foot control
Alternator, 45 amp
Antifreeze/Coolant
Brakes, 254 mm (10") single disc, self-adjusting (wet hydraulic w/dual pedal safety lock)
Clutch — self-adjusting 279 mm (11") diameter dry "Dyna-Life" disk w/six cerametallic wear pads
Dry-type air cleaner with safety element
12-volt 650-CCA 170-min. reserve capacity electrical system with battery ignition, key start
Drawbar clevis
Instrument panel — glare-free lighting; includes air cleaner service light, alternator light, electric fuel gauge, engine temperature gauge, oil pressure light, tachometer and hourmeter

Lighting system — 2 front grille, 1 combination rear, 2 flashing amber w/turn signal control and 7-terminal electric breakaway connector
Mounting step
*Muffler, vertical w/curved exhaust
Parking brake w/warning light
Power steering, hydrostatic — 11.4 L/min. (3.0 gpm) priority flow, and 3 turns lock-to-lock; MFD, 4.4 turns
Power take-off, independent, hydraulically actuated 540/1000 rpm, with shield
Pressurised transmission lubrication system
Protective frame, ROPS (AS 1636/ISO)
Seat, deluxe, w/adjustable suspension
Swinging drawbar

* Spark Arrestor mandatory in some states of Australia.

LOADERS

Case International loaders designed for the 395, 495 are available.

Important: The JI Case Company reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring obligation to install them on any units previously sold.

Attention Readers: Local availability, standard specifications and options may vary from those listed or illustrated in this publication. Your local Case branch or dealer will gladly advise concerning availability and recommended specifications.

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Standard for Quality Control**

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