



1896/2096/2294 TRACTORS

Mechanical Front Drive

Improves traction, increases flotation

Provides easy steering, accurate control

Improves fuel economy



1896/2096/2294 MFD

The Mechanical Front Drive (MFD) option for Case International 1896, 2096 and 2294 tractors together with a standard 12-speed electrically-actuated power shift transmission adds a new dimension in productivity...four-wheel drive power and traction — that pays off in more work done, less concern about weather and substantial savings in fuel.

EARLY SPRING, LATE FALL

With MFD traction, you can get into the fields earlier and stay later. MFD is the answer to wet fields, loose soils, hillsides, rough round and slippery feedlots and ...can improve operating efficiency even in "normal" field conditions.

PLANT AND CULTIVATE 30-INCH ROWS

Case International Mechanical Front Drive provides front tread adjustments from 60 to 89 inches to allow for all common row spacings including popular 30-inch rows.

EASY TO STEER AND MANEUVER

Steering with Mechanical Front Drive is quick and easy. A large steering pump provides fast response. It takes only three-and-one-half turns of the steering wheel to go stop-to-stop. And there's a solid feeling of control that makes steering a pleasure even over rough ground. Powered front wheels provide up to 50° of steering angle. The result is fast turnaround at headlands and agile handling in close quarters. MFD equipped Case International tractors go where they are directed...with big, hard working front wheels that stay on course. Power turns also help maintain control.

BETTER FUEL ECONOMY

Traction equals fuel economy. And every Case International 1896, 2096 and 2294 with MFD is a real traction machine. Front wheel drive is available on command. Limited slip differential automatically directs power to the front wheel with the best footing. And the tractor's standard rear-wheel differential lock sends power equally to both rear wheels when engaged by the operator. There's total traction to master the most difficult field and choring conditions. Less slippage gets more work done on less fuel.

MECHANICAL FRONT DRIVE

Wheelbase 108" (2.74 m)

Ground clearance — minimum w/14.9 x 28 (R1) front tires

Center of front axle 17.5" (444 mm)

Center of drawbar 16" (406 mm)

Front axle oscillation 22° (total)

Front axle steering angle 50° (max.)

Front Tire Tread Adjustments

60" (1.52 m), 64" (1.62 m), 68" (1.72 m),

72" (1.82 m), 77" (1.95 m), 81" (2.05 m),

85" (2.15 m), 89" (2.26 m)

Turning Radius

Without Brakes 213" (5.41 m)

With Brakes 166" (4.21 m)

Weights

Approximate tractor weight

with MFD 1896—13,050 lbs (5 919 kg)

2096—13,075 lbs (5 930 kg)

2294—13,260 lbs (6 014 kg)

Important

The total tractor ROPS weight with ballast and weights must never be more than

. 1896—14,500 lbs (6 577 kg)

2096—16,500 lbs (7 484 kg)

2294—16,600 lbs (7 530 kg)

MFD Approved Tire Combinations

FRONT	REAR
14.9 x 26, 6/10 Ply (R1)	23.1 x 30 (R1) 16.9 x 38 (R1)
16.9 x 26, 6/10 Ply (R1)	24.5 x 32 (R1)** 23.1 x 30 (R2)* 23.1 x 34 (R1) 18.4 x 38 (R1) 18.4R38 (R1)
16.9 x 26, 6/10 Ply (R2)	23.1 x 34 (R2) 18.4 x 38 (R2) 20.8 x 38 (R2)*
18.4 x 26 (R1)**	20.8 x 38 (R1)** 20.8R38 (R1)** 18.4 x 42 (R1)** 18.4R42 (R1)**
13.6 x 28, 6/10 Ply (R1)	23.1 x 30 (R1) 16.9 x 38 (R1)
14.9 x 28, 6/10 Ply (R1)	24.5 x 32 (R1)** 23.1 x 30 (R2) 23.1 x 34 (R1) 18.4 x 38 (R1) 18.4R38 (R1)
14.9 x 28, 6 Ply (R2)	24.5 x 32 (R2)** 23.1 x 34 (R2) 18.4 x 38 (R2) 20.8 x 38 (R2)*
16.9 x 28, 6/10 Ply (R1)*	20.8 x 38 (R1)* 20.8R38 (R1)* 18.4 x 42 (R1)** 18.4R42 (R1)**

*not for 1896

**for 2294 only

Controls

Lever on right-hand console engages or disengages MFD. Tractor must be stopped to engage or disengage.

Optional

Disc-type hand brake with warning light and audible alarm; MFD front fenders; MFD drive shaft shield.

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

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