

case

580 Super E 4-wheel drive



4-WHEEL DRIVE

Front wheel mechanical drive provides increased versatility and maneuverability in adverse terrain. Engagement lever located inside operator's station for convenience.

AXLES

23" oscillating front axle with outboard planetary final drives. Fixed rear drive axle.

HIGH-PERFORMANCE LOADER

Single-lever control, automatic self-leveling and return-to-dig standard.

NOTE: 4-wheel drive is offered as a factory option on the 580 Super E. This sheet contains only those specifications which differ from the two-wheel drive units. For detailed information on the 580 Super E please refer to the specification sheet.

TWO LOADER BUCKET OPTIONS

General purpose 1 yd³ (.76 m³) capacity long-lip bucket or 1 yd³ (.76 m³) 4-in-1* bucket combine with 4-wheel drive to provide optimum loading characteristics in varying ground conditions.

Unit shown is equipped with non-standard items.

J I Case

A Tenneco Company

Construction Equipment Division

700 State Street Racine, WI 53404 U.S.A.

POWER TRAIN

Transmission: Full power shuttle and torque converter. 4-speed; sliding spur gear in 1st and 2nd. Synchromesh in 3rd and 4th permits on-the-go shifting up from 2nd to 3rd to 4th and back down from 4th to 3rd.

4-wheel drive: Operator engaged front wheel mechanical drive.

Final drives: Front—outboard planetaries
Rear—multiple gear reduction

Reversing unit: Power hydraulic clutches

AXLES

Fixed rear axle

Oscillating front axle—23°

SERVICE CAPACITIES—Front Axle

	U.S.	Litres
Planetaries (each)	1.5 qts	1.4
Differential	7 qts	6.6
Transfer case	1 pt	.5

TIRES

	SIZE	PLY RATING	TREAD	PRESSURE PSI(kPa)
Front	12 x 16.5	6	Lug	45 (310)
	12 x 16.5	8	Lug	60 (414)

TURNING CLEARANCE CIRCLE

Tractor only:

With brakes	25' 11" (7.9 m)
Without brakes	32' 10" (10 m)

Tractor with loader:

With brakes	33' 8" (10.3 m)
Without brakes	39' 9" (12.1 m)

GROUND CLEARANCES

Front axle differential	9.7" (246 mm)
Drive shaft guard	12.0" (30.5 mm)
Transfer case	11.1" (282 mm)



MENSIONAL DATA

Overall loader operating height	13'1" (4.0 m)
Overall length with backhoe	22'2" (6.8 m)
Front wheel tread	5'7" (1.7 m)
Wheelbase	84" (2.1 m)
Dig depth below ground line	5'2" (132 mm)
Dump clearance at full height 45° dump	8'2" (2.5 m)
Dump reach at full height 45° dump	25.2' (640 mm)

APPROXIMATE SHIPPING WEIGHTS

NOTE: Specifications taken with 12 x 16.5 front tires, 17.5L x 24 rear tires, ROPS canopy and standard equipment unless otherwise specified.

TRACTOR W/LOADER (less buckets)

Without rear counter— weight	8200 lbs (3720 kg)
Rear counterweight (required with no rear attachments)	add 1495 lbs (678 kg)
Cab	add 320 lbs (145 kg)
Air conditioning	add 30 lbs (13.6 kg)

TRACTOR W/LOADER AND BACKHOE (less buckets)

Backhoe	11,280 lbs (5117 kg)
Extendahoe®	12,680 lbs (5752 kg)
Front counterweight (required with Extendahoe)	add 600 lbs (272 kg)

Extendahoe and 4-in-1 are trademarks of the JI Case Company.

NOTE: All specifications are stated in accordance with ICED definitions or SAE standards or recommended practices, where applicable.

IMPORTANT

JI Case Company reserves the right to change these specifications without notice and without incurring any obligation relating to such change.



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