

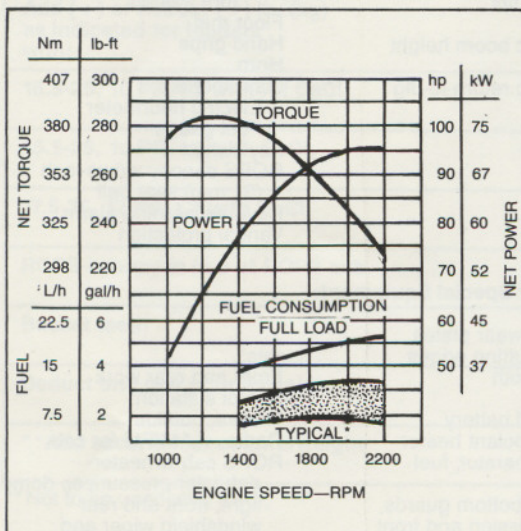


444E LOADER



Model shown may include options

ENGINE PERFORMANCE



*Depending on operating variables

FEATURES

95 SAE net hp (71 kW) John Deere turbocharged diesel engine

Four-wheel drive

Bucket capacities to 2.38 cu. yd. (1.8 m³)

Operating weights to 21,729 lb. (9854 kg)

Hi-Lo Power Shift transmission with variable speed hydrostatics

Power steering. Articulated frame

Four-wheel wet-disk power brakes and parking brake

Inboard planetary final drives

Single-lever or optional two-lever loader control with automatic return-to-dig and boom height control

NoSPIN front differential

Manual or optional hydraulic Quik-Tatch™ coupler

Vandal protection

Rollover protective structure (ROPS) with canopy. Meets criteria of SAE J394a, SAE J1040 APR88, OSHA 1926.1001 and ISO 3471. Also meets FOPS (falling object protective structure) criteria SAE J231 JAN81 and ISO 3449

ADD VERSATILITY WITH:

Auxiliary bucket skid shoes

Coupler system

Bucket teeth

Bolt-on bucket cutting edge

Side-dump bucket

Snow plows

Forks

Special buckets

444E LOADER OPERATING INFORMATION

OPERATING INFORMATION	Bucket Type				
	Excavating	Excavating w/ Bolt-on Edge	Stockpiling	Stockpiling w/ Bolt-on Edge	*Multipurpose
Capacity, heaped, SAE	1.75 cu. yd. (1.4 m ³)	1.75 cu. yd. (1.4 m ³)	2.25 cu. yd. (1.7 m ³)	2.38 cu. yd. (1.8 m ³)	1.63 cu. yd. (1.2 m ³)
Capacity, struck, SAE	1.53 cu. yd. (1.17 m ³)	1.62 cu. yd. (1.24 m ³)	1.91 cu. yd. (1.46 m ³)	2.00 cu. yd. (1.53 m ³)	1.35 cu. yd. (1.03 m ³)
Bucket width	95.3 in. (2.42 m)	95.3 in. (2.42 m)	95.3 in. (2.42 m)	95.3 in. (2.42 m)	95.3 in. (2.42 m)
Breakout force, SAE J732C	18,298 lb. (81.4 kN) (8300 kg)	17,283 lb. (76.9 kN) (7838 kg)	15,900 lb. (70.7 kN) (7211 kg)	15,082 lb. (67.1 kN) (6840 kg)	18,670 lb. (83.0 kN) (8467 kg)
Tipping load, straight	14,487 (6570)	14,129 (6408)	14,242 (6459)	13,862 (6287)	13,336 (6048)
Tipping load, 40-deg. full turn, SAE	12,582 (5706)	12,245 (5553)	12,351 (5601)	12,009 (5446)	11,475 (5204)
Reach at 45-deg. dump, 7 ft. (2.13 m) clearance	54.0 in. (1371 mm)	53.9 in. (1368 mm)	55.9 in. (1420 mm)	55.7 in. (1415 mm)	49.8 in. (1264 mm)
Reach at 45-deg. dump, full height	33.4 in. (848 mm)	34.2 in. (868 mm)	37.0 in. (940 mm)	37.8 in. (960 mm)	29.7 in. (755 mm)
Dump clearance at 45-deg. dump, full height	110.0 in. (2820 mm)	109.4 in. (2778 mm)	107.9 in. (2740 mm)	106.3 in. (2701 mm)	110.1 in. (2796 mm)
Overall length	20 ft. 9.5 in. (6.34 m)	20 ft. 11.8 in. (6.40 m)	21 ft. 2 in. (6.46 m)	21 ft. 4.7 in. (6.52 m)	20 ft. 8 in. (6.30 m)
Loader clearance circle, bucket in carry position	34 ft. 6 in. (10.52 m)	34 ft. 8 in. (10.56 m)	34 ft. 9 in. (10.59 m)	34 ft. 10 in. (10.63 m)	34 ft. 5.5 in. (10.50 m)
Operating weight	18,871 lb. (8558 kg)	19,061 lb. (8644 kg)	19,025 lb. (8628 kg)	19,216 lb. (8715 kg)	19,884 lb. (9018 kg)

*Allied equipment ordered through John Deere dealer.

Loader operating information is based on machine with all standard equipment, 17.5-25, 12 PR, L2 tires with one rear counterweight, ROPS cab, full fuel tank and 175 lb. (80 kg) operator. Operating information is affected by tire size, ballast and attachments. For selected items, add or subtract the following:

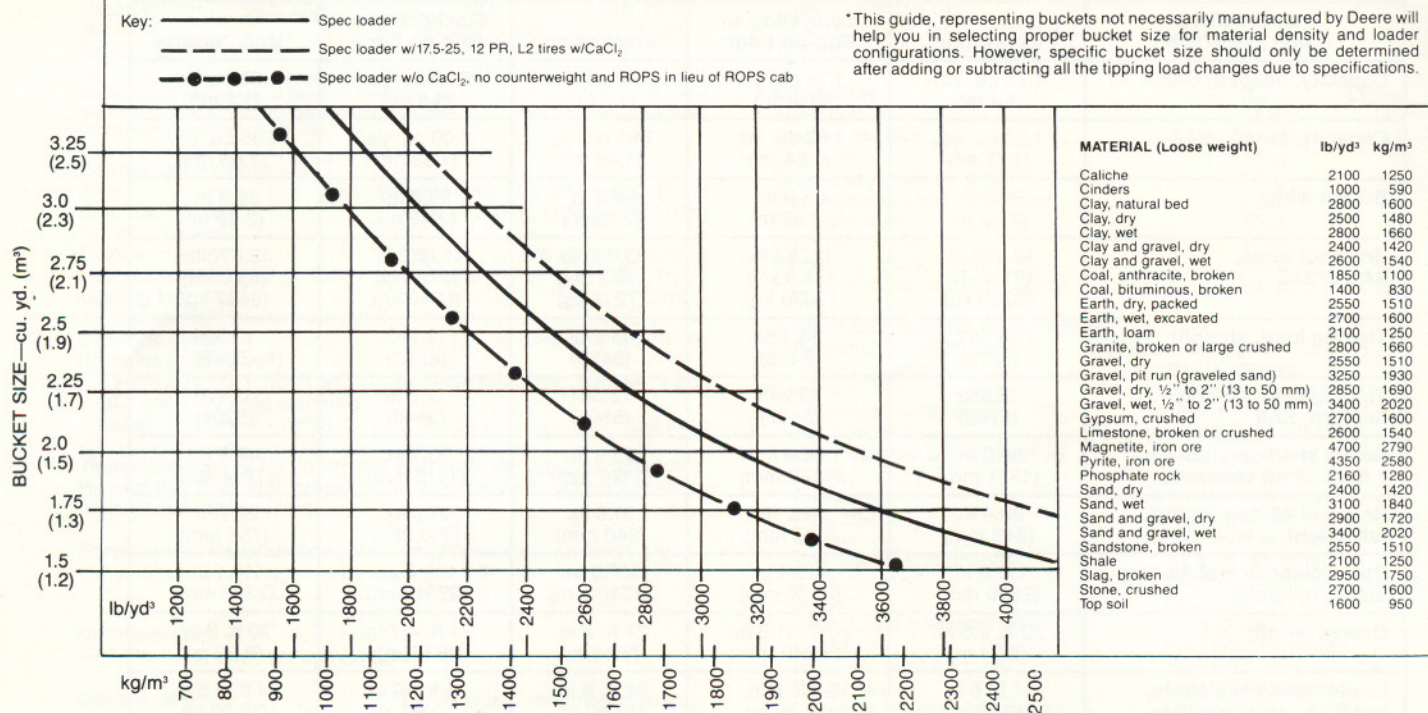
Adjustments to operating weights and tipping loads for 1.75 cu. yd. (1.4 m³) excavating bucket

Add (+) or deduct (–) lb. (kg) as indicated for loaders with:	Loader Operating Weight	Tipping Load Straight	Tipping Load 40° Full Turn, SAE
15.5-25, 10 PR, L2 without CaCl ₂	– 352 lb. (160 kg)	– 256 lb. (116 kg)	– 227 lb. (103 kg)
15.5-25, 10 PR, L2 with CaCl ₂	+ 587 lb. (266 kg)	+ 1111 lb. (504 kg)	+ 981 lb. (445 kg)
17.5-25, 12 PR, L2 with CaCl ₂	+ 1180 lb. (535 kg)	+ 1717 lb. (779 kg)	+ 1517 lb. (688 kg)
ROPS canopy in lieu of ROPS cab	– 265 lb. (120 kg)	– 245 lb. (111 kg)	– 232 lb. (105 kg)
Bucket teeth	+ 135 lb. (61 kg)	– 163 lb. (74 kg)	– 161 lb. (73 kg)
Deduct one rear counterweight	– 617 lb. (280 kg)	– 1437 lb. (652 kg)	– 1204 lb. (546 kg)
**Add second rear counterweight	+ 530 lb. (240 kg)	+ 1249 lb. (566 kg)	+ 1052 lb. (477 kg)

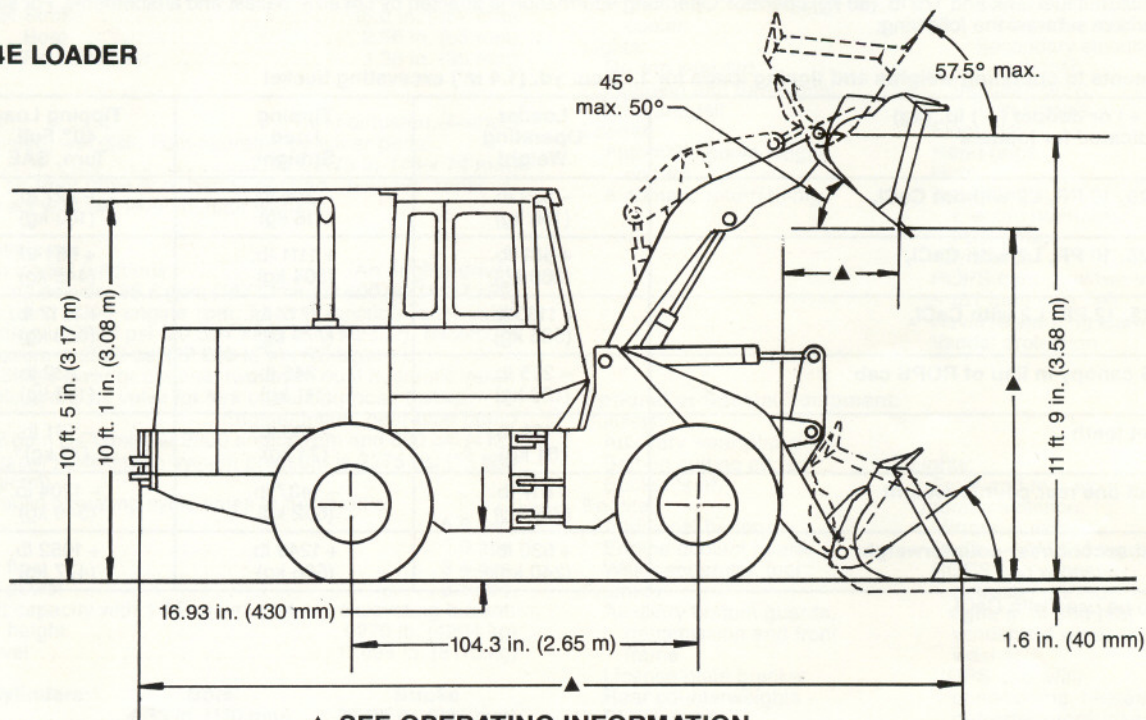
**Not to be used with CaCl₂

444E LOADER DIMENSIONS AND SPECIFICATIONS

444E BUCKET SELECTION GUIDE *



444E LOADER



▲ SEE OPERATING INFORMATION

TIRES

	15.5-25	17.5-25
Tread width	72.83 in. (1850 mm)	72.83 in. (1850 mm)
Width over tires	88.35 in. (2244 mm)	90.35 in. (2295 mm)
Change in vertical height	- 1.58 in. (40 mm)	0