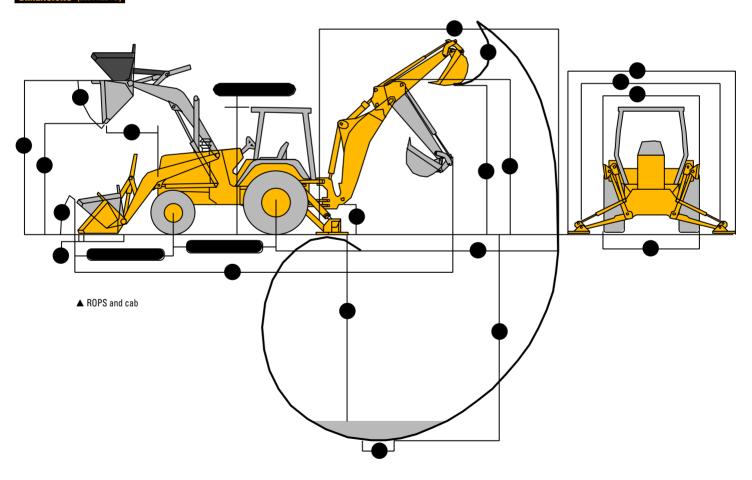
ENGINE	310SE		
Туре	John Deere 4045T – Turboch	narged	
Rated power @ 2,200 rpm	88 SAE gross hp (66 kW)		
·	80 SAE net hp (60 kW)		
Cylinders	•		
Displacement			
Fuel consumption, typical			
Torque rise			
Maximum net torque			
•			
	pressure system with spin-on filter and cooler		
	dual stage dry type with safety element and precleaner		
Electrical system	12 volt with 65-amp alternate	or	
Sucker-type cooling fan			
TRANSMISSION	four-speed, helical cut gear, collar shift transmission synchronized in all gears with hydrau reverser		
Torque converter, single stage, dual phase with			
2.63:1 stall ratio	11 in. (280 mm)		
Travel speeds with 19.5L-24 rear tires	Forward	Reverse	
Gear 1	3.6 mph (5.8 km/h)	4.0 mph (6.4 km/h)	
Gear 2	•	6.6 mph (10.6 km/h)	
Gear 3	•	16.1 mph (25.9 km/h)	
Gear 4		27.2 mph (43.8 km/h)	
FINAL DRIVES	heavy-duty, inboard planeta	ry final drives evenly distribute shock loads over three gears	
BRAKES	hydraulic wet disk, mounted inboard, self adjusting and self equalizing		
CAPACITIES			
Fuel tank (with ground level fueling)	36 gal (136 L)		
Engine coolant			
Engine oil including filter	·		
Torque converter and transmission	•		
Hydraulic system			
Rear axle			
Mechanical-front-wheel-drive axle	2.3 gal. (8.5 L)		
STEERING	hydrostatic power steering	and emergency steering conform to ISO5010	
Non-powered axle			
Curb turning radius with brakes	11 ft. 9 in. (3.57 m)		
· · · · · · · · · · · · · · · · · · ·			
Bucket clearance circle with brakes			
Without brakes			
Steering wheel turns, stop to stop			
• • •	2.J W J.U		
Mechanical-front-wheel-drive	10 (- 11 : 10 04)		
Curb turning radius with brakes			
Without brakes			
Bucket clearance circle with brakes			
Without brakes	35 ft. 3 in. (10.74 m)		
Steering wheel turns, stop to stop	2.5		
Axle oscillations stop to stop, both axles			
Axle ratings (SAE J43)	<u>-</u>		
Front	18,860 lb. (8555 kg)		
Rear	13,670 lb. (6200 kg)		
HYDRAULIC SYSTEM			
System			
Pressure			
Backhoe	3,625 psi (25 000 kPa)		
Loader	·		
Pump	·		
•	gear type, tandem with unio	uuoi	
Flow @ 2,200 rpm	20 /120 / }		
Backhoe	3.		
Loader	- -		
Filter, return oil	10-micron, spin-on enclosed	I replaceable element	

CYLINDERS	310SE		
	Bore	Stroke	Rod
Loader boom (2)	· ·	31.1 in. (790 mm)	1.97 in. (50 mm)
Loader bucket (1)	, ,	33.7 in. (856 mm)	1.77 in. (45 mm)
Backhoe boom (1)	4.72 in. (120 mm)	31.3 in. (795 mm)	2.20 in. (56 mm)
Backhoe crowd (1)	4.53 in. (115 mm)	23.9 in. (607 mm)	2.48 in. (63 mm)
Backhoe bucket (1)	, - ,	31.9 in. (810 mm)	2.20 in. (56 mm)
Backhoe swing (2)	' '	10.9 in. (278 mm)	1.97 in. (50 mm)
9 · ·			
Backhoe extendable dipperstick (1)	- 1 - 1	42.0 in. (1067 mm)	1.77 in. (45 mm)
Backhoe stabilizer (2)		19.7 in. (500 mm)	1.97 in. (50 mm)
Steering (1) non-powered axle	1.97 in. (50 mm)	9.49 in. (241 mm)	0.98 in. (25 mm)
Steering (1) MFWD	2.56 in. (65 mm)	8.27 in. (210 mm)	1.42 in. (36 mm)
TIRES		- ,	
	Rear	Front	
With non-powered front axle		11L-15, 8 PR F3	
	19.5L-24, 8 PR R4	11L-16, 12 PR F3	
With mechanical-front-wheel-drive		12.5/80-18, 10 PR	
SAE OPERATING WEIGHTS			
Standard			
Cab adds	580 lb. (263 kg)		
Mechanical-front-wheel-drive with tires adds	485 lb. (220 kg)		
Extendable dipperstick excluding required counter-			
	400 II- /222 I\		
weight adds			
Optional 400-lb. counterweight adds	400 lb. (181 kg)		
Optional 650-lb. counterweight adds	650 lb. (295 kg)		
Optional 250-lb. bolt-on counterweight adds			
Backhoe bucket coupler adds	138 ID. (03 KY)		
See backhoe and loader performance data for bucket weights.			
LOADER BUCKETS			
OADER DUCKLIS	Width	Heaped Capacity	Weight
			~
Heavy-duty long lip		1.25 cu. yd. (0.96 m ³)	875 lb. (397 kg)
	92 in. (2340 mm)	1.30 cu. yd. (1.00 m³)	1,050 lb. (476 kg)
Multipurpose	86 in. (2180 mm)	1.12 cu. yd. (0.86 m ³)	1,450 lb. (658 kg)
	92 in. (2340 mm)	1.25 cu. yd. (0.96 m³)	1,550 lb. (703 kg)
Auxiliary cutting edge and skid shoes are standard on all buckets.			
BACKHOE PERFORMANCE			
SAUKRUE FERFURINANUE	With Standard	With Extendable Dipp	 perstick*
	Backhoe*	Retracted	Extended
Digging force, bucket cylinder		12,158 lb. (54.1 kN)	12,158 lb. (54.1 kN)
Digging force, crowd cylinder	8,090 lb. (36.0 kN)	7,796 lb. (34.7 kN)	5,628 lb. (25.0 kN)
Swing arc		180 degrees	180 degrees
Operator control		right foot treadle	right foot treadle
•			-
Bucket rotation	ū	190 degrees	190 degrees
Stabilizer angle rearward	18 degrees	18 degrees	18 degrees
Lougling angle			14 degrees
Leveling angle	14 degrees	14 degrees	
Leveling angle** *Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m		14 degrees	
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m		14 degrees	
	3) bucket.	·	
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m	3) bucket. Width	Capacity	Weight
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty	3) bucket. Width24 in. (610 mm)	·	
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m	3) bucket. Width24 in. (610 mm)	Capacity	Weight
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty	3) bucket. Width24 in. (610 mm)12 in. (305 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty	3) bucket. Width24 in. (610 mm)12 in. (305 mm) 18 in. (457 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty	Width24 in. (610 mm) 18 in. (457 mm) 24 in. (610 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.21 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg) 400 lb. (181 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty	3) bucket. Width24 in. (610 mm)12 in. (305 mm) 18 in. (457 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty	Width24 in. (610 mm) 12 in. (305 mm) 18 in. (457 mm) 24 in. (610 mm) 24 in. (610 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.21 m³) 8.8 cu. ft. (0.25 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg) 400 lb. (181 kg) 420 lb. (191 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty	Width24 in. (610 mm) 18 in. (457 mm) 24 in. (610 mm) 24 in. (610 mm) 30 in. (762 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.21 m³) 8.8 cu. ft. (0.25 m³) 10.0 cu. ft. (0.28 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg) 400 lb. (181 kg) 420 lb. (191 kg) 445 lb. (202 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty Heavy duty with lift loop	Width24 in. (610 mm)12 in. (305 mm) 18 in. (457 mm) 24 in. (610 mm) 24 in. (610 mm) 30 in. (762 mm) 36 in. (914 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.21 m³) 8.8 cu. ft. (0.25 m³) 10.0 cu. ft. (0.28 m³) 12.5 cu. ft. (0.35 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg) 400 lb. (181 kg) 420 lb. (191 kg) 445 lb. (202 kg) 510 lb. (231 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty	Width24 in. (610 mm)12 in. (305 mm) 18 in. (457 mm) 24 in. (610 mm) 24 in. (610 mm) 30 in. (762 mm) 36 in. (914 mm)18 in. (457 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.21 m³) 8.8 cu. ft. (0.25 m³) 10.0 cu. ft. (0.28 m³) 12.5 cu. ft. (0.35 m³) 5.1 cu. ft. (0.14 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg) 400 lb. (181 kg) 420 lb. (191 kg) 445 lb. (202 kg) 510 lb. (231 kg) 362 lb. (164 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty Heavy duty with lift loop	Width24 in. (610 mm)12 in. (305 mm) 18 in. (457 mm) 24 in. (610 mm) 24 in. (610 mm) 30 in. (762 mm) 36 in. (914 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.21 m³) 8.8 cu. ft. (0.25 m³) 10.0 cu. ft. (0.28 m³) 12.5 cu. ft. (0.35 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg) 400 lb. (181 kg) 420 lb. (191 kg) 445 lb. (202 kg) 510 lb. (231 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty Heavy duty with lift loop	Width24 in. (610 mm)12 in. (305 mm) 18 in. (457 mm) 24 in. (610 mm) 24 in. (610 mm) 30 in. (762 mm) 36 in. (914 mm)18 in. (457 mm) 24 in. (610 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.21 m³) 8.8 cu. ft. (0.25 m³) 10.0 cu. ft. (0.28 m³) 12.5 cu. ft. (0.35 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.14 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg) 400 lb. (181 kg) 420 lb. (191 kg) 445 lb. (202 kg) 510 lb. (231 kg) 362 lb. (164 kg) 425 lb. (193 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty Heavy duty with lift loop	Width24 in. (610 mm)12 in. (305 mm) 18 in. (457 mm) 24 in. (610 mm) 24 in. (610 mm) 30 in. (762 mm) 36 in. (914 mm)18 in. (457 mm) 24 in. (610 mm) 24 in. (610 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.21 m³) 8.8 cu. ft. (0.25 m³) 10.0 cu. ft. (0.28 m³) 12.5 cu. ft. (0.35 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.21 m³) 8.8 cu. ft. (0.21 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg) 400 lb. (181 kg) 420 lb. (191 kg) 445 lb. (202 kg) 510 lb. (231 kg) 362 lb. (164 kg) 425 lb. (193 kg) 455 lb. (206 kg)
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610 mm x 0.21 m BACKHOE BUCKETS Standard duty Heavy duty with lift loop	Width24 in. (610 mm)12 in. (305 mm) 18 in. (457 mm) 24 in. (610 mm) 24 in. (610 mm) 30 in. (762 mm) 36 in. (914 mm)18 in. (457 mm) 24 in. (610 mm) 24 in. (610 mm) 30 in. (762 mm)	Capacity 7.5 cu. ft. (0.21 m³) 3.3 cu. ft. (0.09 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.21 m³) 8.8 cu. ft. (0.25 m³) 10.0 cu. ft. (0.28 m³) 12.5 cu. ft. (0.35 m³) 5.1 cu. ft. (0.14 m³) 7.5 cu. ft. (0.14 m³)	Weight 350 lb. (159 kg) 295 lb. (134 kg) 335 lb. (152 kg) 400 lb. (181 kg) 420 lb. (191 kg) 445 lb. (202 kg) 510 lb. (231 kg) 362 lb. (164 kg) 425 lb. (193 kg)

*Lift capacities are over-end values in lb. (kg) according to SAE J31. Figures listed are 87% of the maximum lift force available. Base vehicle includes counterweight.

310SE BACKHOEWITH STANDARD DIPPERSTICK 310SE BACKHOEWITH 3-FT. 6-IN. (1.07 M) EXTENDABLE DIPPERSTICK, RETRACTED 310SE BACKHOEWITH 3-FT. 6-IN. (1.07 M) EXTENDABLE DIPPERSTICK, EXTENDED

DIMENSIONS (SEE PAGE 19.)

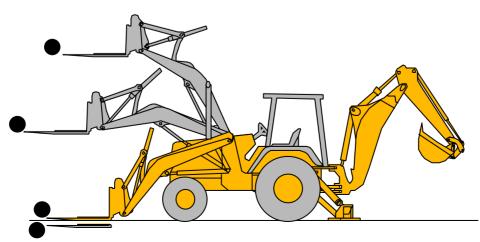


BACKHOE	310SE			
	With Standard	With Extendable Dipperstick*		
	Backhoe*	Retracted	Extended	
Loading height, truck loading position	11 ft. 3 in. (3.43 m)	11 ft. 7 in. (3.53 m)	14 ft. 1 in. (4.29 m)	
Reach from center of swing pivot	18 ft. 3 in. (5.56 m)	18 ft. 7 in. (5.66 m)	21 ft. 11 in. (6.68 m	
Reach from center of rear axle	21 ft. 9 in. (6.63 m)	22 ft. 1 in. (6.73 m)	25 ft. 4 in. (7.72 m)	
Maximum digging depth	14 ft. 6 in. (4.42 m)	14 ft. 11 in. (4.55 m)	18 ft. 5 in. (5.61 m)	
Digging depth (SAE):				
(1) 2-ft. (610 mm) flat bottom	14 ft. 4 in. (4.37 m)	14 ft. 9 in. (4.50 m)	18 ft. 3 in. (5.56 m)	
(2) 8-ft. (2440 mm) flat bottom	13 ft. 4 in. (4.06 m)	13 ft. 9 in. (4.19 m)	17 ft. 6 in. (5.33 m)	
Ground clearance, minimum	13 in. (330 mm)	13 in. (330 mm)	13 in. (330 mm)	
Bucket rotation	190 degrees	190 degrees	190 degrees	
Transport height	11 ft. 6 in. (3.51 m)	11 ft. 5 in. (3.48 m)	11 ft. 5 in. (3.48 m)	
Overall length, transport	23 ft. 6 in. (7.16 m)	23 ft. 6 in. (7.16 m)	23 ft. 6 in. (7.16 m)	
Stabilizer width – transport with ROPS	7 ft. 2 in. (2.18 m)	7 ft. 2 in. (2.18 m)	7 ft. 2 in. (2.18 m)	
Stabilizer spread – operating	10 ft. 2 in. (3.10 m)	10 ft. 2 in. (3.10 m)	10 ft. 2 in. (3.10 m)	
Stabilizer overall width – operating	11 ft. 7 in. (3.53 m)	11 ft. 7 in. (3.53 m)	11 ft. 7 in. (3.53 m)	
Width over tires	86 in. (2.18 m)	86 in. (2.18 m)	86 in. (2.18 m)	
*Backhoe specifications are with 24-in. x 7.5-cu. ft. (610	mm x 0.21 m³) bucket.			
OADER PERFORMANCE WITH BUCKET OPTIONS				

ADEIL I EILI OILIMANOE WITH DOOKET OF HONO				
	1.25 cu. yd.	1.30 cu. yd.	1.12 cu. yd.	1.25 cu. yd.
	(0.96 m³) Heavy-	(1.00 m³) Heavy-	(0.86 m ³)	(0.96 m ³)
	duty Long Lip	duty Long Lip	Multipurpose	Multipurpose
Operator control	single lever	single lever	single lever	single lever
Breakout force	8,817 lb. (39.2 kN)	8,900 lb. (39.6 kN)	8,325 lb. (37.0 kN)	8,300 lb. (36.9 kN)
Lifting capacity, full height	6,247 lb. (2836 kg)	6,150 lb. (2790 kg)	5,900 lb. (2676 kg)	5,800 lb. (2631 kg
Height to bucket hinge pin, maximum	11 ft. 2 in. (3.40 m)	11 ft. 2 in. (3.40 m)	11 ft. 2 in. (3.40 m)	11 ft. 2 in. (3.40 m
Dump clearance, bucket at 45 degrees	8 ft. 2 in. (2.59 m)	8 ft. 8 in. (2.64 m)	8 ft. 7 in. (2.62 m)	8 ft. 7 in. (2.62 m)
Bucket dump angle, maximum	45 degrees	45 degrees	45 degrees	45 degrees
Reach at full height, bucket at 45 degrees	36.0 in. (911 mm)	30.1 in. (765 mm)	32.2 in. (818 mm)	32.2 in. (818 mm)
Rollback angle at ground level	40 degrees	40 degrees	40 degrees	40 degrees
Digging depth below ground, bucket level	5.8 in. (147 mm)	8.1 in. (206 mm)	7.3 in. (185 mm)	7.3 in. (185 mm)
Raising time to full height	4.9 sec.	4.9 sec.	4.9 sec.	4.9 sec.
Bucket dump time	1.1 sec.	1.1 sec.	1.1 sec.	1.1 sec.
Bucket lowering time (power down)	1.9 sec.	1.9 sec.	1.9 sec.	1.9 sec.

LIFT CAPACITY WITH QUICK COUPLER/FORKS

(1)	Maximum height	4,178 lb. (1897 kg)
(3)	Maximum reach	6,191 lb. (2810 kg)
(At ground line	8,232 lb. (3737 kg)



FNGINE Backhoe bucket coupler for "C" and "D" series John Fuel gauge, illuminated electric Deere buckets, Case buckets, and Cat buckets John Deere Model 4045T - 4.5 liter, 80 SAE net hp turbo-Gauge package, illuminated electric - Engine coolant Extendable dipperstick, 3 ft. 6 in. extension temperature / Transmission oil temperature / Alternator charged, isolation mounted Auxiliary backhoe valve for swingers, thumbs, etc. Vertical spin-on engine oil filter Auxiliary backhoe valve for hammers, compactors Monitor system with audible and visual warning – Engine Spin-on John Deere fuel filter with water separator Auxiliary backhoe plumbing for hammers, compactors air filter restriction indicator / Alternator indicator / Oil-to-water engine oil cooler SAE controlled load lowering device valves Engine coolant temperature indicator with audible Antifreeze, -34°F (-37°C) Coolant recovery tank warning / Engine oil pressure indicator with audible LOADER warning / Hydraulic filter restriction indicator / Torque Serpentine belt with automatic belt tensioner Hydraulic self leveling converter oil temperature indicator / Parking brake on/ Sucker-type cooling fan Return-to-dig feature off indicator with audible warning / Seat belt indicator / Enclosed safety fan guard Single-lever control with electric clutch cutoff switch High ambient temperature engine cooling Mechanical-front-wheel-drive on/off indicator / Beacon Bucket-level indicator on/off indicator Dual element dry-type air cleaner Ŏ Loader boom service lock Seats and seat helts Muffler, underhood with curved-end exhaust stack Auxiliary loader hydraulics with two-lever control Non-suspension vinyl swivel seat without armrests Chrome exhaust extension Loader front coupler Suspension vinyl swivel seat with armrests and lumbar Electric ether starting aid Loader buckets Engine coolant heater, 1,000 watts Less bucket, with bucket pins Suspension fabric swivel seat with armrests and Heavy-duty buckets with bolt-on cutting edge, skid **POWER TRAIN** plates, and lift loops lumbar support Powershift transmission - Torque converter with electri-Air suspension vinyl swivel seat with armrests and Multipurpose buckets with bolt-on cutting edge, skid cally actuated twist grip F-N-R in 1st through 4th gears plates, and lift loops lumbar support Transmission with powershift reverser and torque con-Air suspension fabric swivel seat with armrests and HYDRAULIC SYSTEM verter - Fully synchronized four forward, four reverse lumbar support 36 qpm (136 L/min.) tandem gear pump, open center system speeds / Isolation mounted to mainframe 2-in. seat belt with retractors Transmission oil cooler Independent hydraulic reservoir 3-in, seat belt with retractors Vertical spin-on transmission filter Hydraulic oil cooler • Cab Electric forward-neutral-reverse control lever with "0"-ring face seal connectors Headliner 10-micron vertical spin-on filter neutral safety switch interlock Dome light Electric clutch cutoff on gearshift and loader levers **ELECTRICAL** Left cab door Differential lock, electric foot-actuated • 12-volt system Right cab door Planetary final drives 65-amp alternator Tinted safety glass Hydraulic service brakes - Inboard, wet multi-disc, self Single battery with 150-min. reserve capacity and 750 CCA Two front and one rear windshield wipers adjusting and self equalizing / Conform to SAE J1473 Dual batteries with 300-min. reserve capacity and 1,500 CCA Front windshield washer Parking/emergency brake with electric switch control -Positive terminal battery cover Fresh air intake heater/defroster/pressurizer - 40.000 Spring applied, hydraulically released wet multi-disc / Blade-type multi-fused circuits Btu/hr. (11.7 kW) heater Independent of service brakes / Conforms to SAE J1473 By-pass start safety cover on starter Air conditioning - 26,000 Btu/hr. (7.6 kW) output / CFC-Hydrostatic power steering with emergency manual mode free R134a refrigerant Non-powered front axle 65-amp alternator Two front halogen driving/work lights, 32,500 candle-Mechanical-front-wheel-drive with limited slip differential -95-amn alternator power each Electric on/off control / Drive-shaft guard / Sealed axle AM/FM/weatherband radio Two additional front halogen work lights, 32,500 candle-Tires Ride control power each 111-15 E3 front tires Two rear halogen work lights, 32,500 candlepower each **OVERALL VEHICLE** 11L-16 F3 front tires Two front and two rear turn signal/flashing One-piece unitized construction mainframe 12.5/80-18 traction front tires Two rear stop and tail Vehicle tiedowns, two front and one rear 16.9-24 R4 rear tires Two rear reflectors Remote grease bank for front axle 19.5L-24 R4 rear tires Rotating beacon Rigid mounted front bumper Rear wheel spacers for use with chains **OPERATOR'S STATION** Front counterweights 400 lb. (181 kg) Modular-design ROPS/FOPS canopy with molded roof -Backhoe with standard dipperstick, 14 ft. 6 in. digging depth 650 lb. (295 kg) Isolation mounted / Conforms to SAE J1040 Backhoe controls 900 lb. (408 kg) Left and right front access Two-lever (Deere) controls 1.150 lb. (522 kg) Slip-resistant steps and ergonomically located handholds Three-lever (Case) controls 1,400 lb. (635 kg) Molded floor mat Four-lever (Ford) controls Fuel tank, 36 gal. (136 L), ground level fueling Headliner SAF excavator two-lever controls Engine sideshields with sliding service access door Coat hook Backhoe transport lock lever Front grille screen Built-in beverage and Thermos® bottle holders Swing lock nin stored in operator's station Vandal protection for instrument panel, engine access Built-in Operator's Manual storage compartment with manual Stabilizer valve with two-direction anti-drift valves doors, and fuel tank Interior rearview mirror Pivoting stabilizers Reverse warning alarm - Switchable to 97 dB(A) or Outside rearview mirrors With dirt pads 111 dB(A) Hand throttle with fuel economy setting at 2,100 rpm With reversible pads Dent-resistant rear fenders Suspended foot throttle Stabilizer cylinder guards Ĭ Rear fender extensions Tilt steering Backhoe buckets Front fenders* Horn Less bucket, with bucket pins SMV emblem Key start switch with electric fuel shutoff Standard duty with lift loops Rental decal kit Hourmeter, illuminated electric Heavy duty with lift loops Special color paint* Tachometer/hourmeter_illuminated_electric Severe duty with lift loops Quarter cab*

KEY: • Standard equipment • Optional or special equipment

*See your John Deere dealer for further information.



Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at standard conditions per SAE J1349 and DIN 70 020, using No. 2-D fuel at 35 API gravity. No derating is required up to 10,000 feet (3050 m). Gross power is without cooling fan.

Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with S45 standards. Except where otherwise noted, these specifications are based on a unit with 19.5L-24, 8 PR R4 rear tires, 11L-16, 12 PR F3 front tires, 1.12 cu. yd. (0.86 m³) loader bucket, and 24 in. x7.5 cu. ft. (610 mm x 0.21 m³) backhoe bucket.

