



450J



# Specifications

Engine	450J LT	450J LGP
Туре	·	John Deere 4045T with altitude-compensating turbo-
	charger; meets EPA Tier II non-road emissions regu-	charger; meets EPA Tier II non-road emissions regu-
	lations	lations
Rated Power @ 2,200 rpm	70 SAE net hp (52 kW)	74 SAE net hp (55 kW)
Cylinders (wet sleeve)	4	4
Displacement	276 cu. in. (4.52 L)	276 cu. in. (4.52 L)
Bore and Stroke	4.19 x 5.00 in. (106.5 x 127 mm)	4.19 x 5.00 in. (106.5 x 127 mm)
Fuel Consumption, Typical	1.5 to 2.3 gal./hr. (4.9 to 8.7 L/h)	1.5 to 2.3 gal./hr. (4.9 to 8.7 L/h)
Peak Torque	234 lbft. (317 Nm) @ 1,200 rpm	251 lbft. (340 Nm) @ 1,300 rpm
Lubrication	pressure system with full-flow spin-on filter and oil-to-water	cooler
Air Cleaner	dual stage dry type with safety element, precleaner, and dash	n-mounted restriction indicator
Electrical System	12 volt with 65-amp alternator	
Cooling Fan	blower	
Transmission	450J LT / 450J LGP	

Dual-path, electronic-controlled, hydrostatic drive; load-sensing feature automatically adjusts speed and power to match changing load conditions; each individual track is powered by a variable-displacement piston pump and two-speed motor combination; decelerator controls speed from holding to 5.0 mph (8.0 km/h)

Travel Speeds (infinitely variable)

Forward and Reverse ......0 to 5.0 mph (0 to 8.0 km/h)

#### **Final Drives**

Heavy-duty triple-reduction final drives attach directly to the mainframe and are isolated from track frame and dozer frame loads

#### Steering

Single-lever steering, direction control, and counterrotation; full power turns and infinitely variable track speeds provide unlimited maneuverability and optimum control; hydrostatic steering eliminates steering clutches and brakes

#### **Rrakes**

Hydrostatic (dynamic) braking stops the machine whenever the direction-control lever is moved to neutral or whenever the decelerator is depressed to the detent

## **Automatic Park Brake**

Exclusive safety feature engages wet, multiple-disc brakes automatically whenever the engine stops, whenever the operator depresses the decelerator pedal to the brake position, whenever the unit is in neutral for three seconds (with detected motion), or whenever the park lock lever is in the park position; machine cannot be driven with brake applied, reducing wear-out or need for adjustment

## **Hydraulic System**

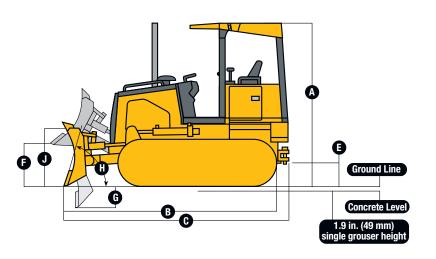
System Type	open center
System Pressure Relief	3,000 psi (20 685 kPa)
Pump Type	gear
Pump Flow	15 gpm (56.8 L/min.) @ 2,200 rpm
Oil Return Filter	10 micron
Control	T-bar three function
Cylinders	heat-treated, chrome-plated, polished cylinder rods, hardened steel (replaceable bushings) pivot pins
Reservoir Capacity	8.5 gal. (32.2 L)

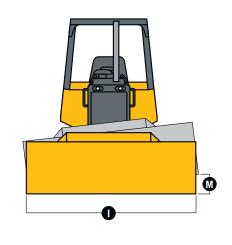
## Capacities (U.S.)

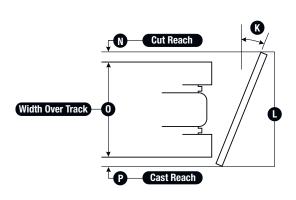
Fuel Tank with Lockable Cap	47 gal. (178 L)
Cooling System with Coolant Recovery Tank	17 qt. (16 L)
Engine Oil Including Spin-On Filter	15 qt. (14 L)
Transmission Reservoir Refill with Filter Change	e11.3 gal. (42.7 L)
Final Drive (each)	7 qt. (6.6 L)
Hydraulic Reservoir Refill with Filter Change	8.5 gal. (32.2 L)

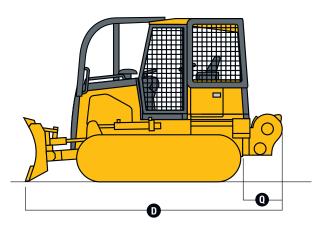
All power train and hydraulic systems allow for up to 45-degree maximum slope operation.

ndercarriage	450J LT	450J LGP
		led for life; rollers and idlers are permanently sealed and lubricated; full
length track frame covers reduce mate		
Grouser Width (closed center, single bar)		24 in. (610 mm)
Track Shoes (each side)	, ,	40
Ground Contact Area		4,128 sq. in. (26 632 cm <sup>2</sup> )
Ground Pressure		4.25 psi (29.3 kPa)
Ground Clearance with Single-Bar Grouser		1.20 por (20.0 til a)
(excluding grouser height)		13.6 in. (346 mm)
Length of Track on Ground		86 in. (2184 mm)
		, ,
Track Gauge (with standard equipment)		65 in. (1650 mm)
Track Rollers (each side)		6
Track Pitch		6.29 in. (159.8 mm)
AE Operating Weights		
Base weights were computed for units with	h standard equipment, rollover protective structures, ful	fuel tanks, and 175-lb. (79 kg) operators.
97-in. (2464 mm) Blade and 16-in. (406 m	· · · · · · · · · · · · · · · · · · ·	
Track Shoes		
124-in. (3150 mm) Blade and 24-in. (610		
	,	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
otional or Special Equipment		
Add (+) or deduct (-) lb. (kg) as indicated	to base weight for units with	
Rock Guards (4)		288 lb. (131 kg)
14-in. (343 mm) Track Shoes		200 lb. (101 kg)
,		160 lb. (72 kg)
Deluxe Seat Group		20 lb. (9 kg)
Cab with Heater and Air Conditioner		· • • ·
Under Cost DODC Heater		675 lb. (306 kg)
Under-Seat ROPS Heater		26 lb. (12 kg)
Counterweight, Rear (each)		330 lb. (150 kg)
Counterweight, Front (each)		240 lb. (109 kg)
Lights, Driving		3 lb. (1 kg)
Work Lights, High Intensity		9 lb. (4 kg)
Front Tow Hook	· •	33 lb. (15 kg)
Retrieval Hitch		50 lb. (23 kg)
Extended Drawbar	72 lb. (33 kg)	72 lb. (33 kg)
Limb Risers		229 lb. (104 kg)
Rear Screen		76 lb. (35 kg)
Side Screens	94 lb. (43 kg)	94 lb. (43 kg)
Screens, Front and Doors		179 lb. (81 kg)
4000S Winch		1,437 lb. (653 kg)
Winch Fairlead, Four Roller		187 lb. (85 kg)
Parallelogram Ripper		1,306 lb. (594 kg)
90-in. (2286 mm) Blade, All-Hydraulic Hea		1,000 is. (00 1 hg)
Duty C Frame		
90-in. (2286 mm) Blade, All-Hydraulic Stand		
C Frame Dlada All Hudraulia Haa		
97-in. (2464 mm) Blade, All-Hydraulic Hea		
Duty C Frame	•	
115-in. (2921 mm) Blade, All-Hydraulic Hea		
All-Hydraulic Heavy-Duty C Frame (less bla	nde) – 1 063 lh <i>(</i> – 482 kg)	– 1,063 lb. (– 482 kg)









Dimen	sions 450J LT	450J LGP
Α	Overall Height with ROPS or Cab108 in. (2743 mm)	108 in. (2743 mm)
В	Overall Length*155 in. (3937 mm)	158 in. (4013 mm)
C	Overall Length with Extended Drawbar162 in. (4114 mm)	160 in. (4064 mm)
D	Overall Length with Winch**177 in. (4496 mm)	177 in. (4496 mm)
Е	Ground Clearance, Minimum	
	Single-Bar Grouser13.6 in. (345 mm)	13.6 in. (345 mm)
	Swamp Shoes14.4 in. (366 mm)	14.4 in. (366 mm)
F	Blade Lift Height30.4 in. (773 mm)	30.4 in. (773 mm)
G	Blade Digging Depth20.8 in. (528 mm)	20.8 in. (528 mm)
Н	Blade Cutting Edge Angle, Adjustable52 to 60 degrees *There is no change to overall length with retrieval hitch.  **See page 5 for forestry application.	52 to 60 degrees

# **Blade Specs**

Width	90 in. (2286 mm)
SAE Capacity	
Blade Angle	25.4 degrees
Angled Width	82.9 in. (2106 mm)
Tilt	12.3 in. (313 mm)
Cut Reach	0 in. (0 mm)
Width Over Track	73 in. (1854 mm)
Cast Reach	10 in. (255 mm)
	Height SAE Capacity Blade Angle Angled Width Tilt Cut Reach Width Over Track

Width	Blade	Specs (continued)	450J LT	450J LGP
SAĒ Capacity       2.0 cu. yd. (1.5 m³)       2.0 cu. yd. (1.5 m³)         K Blade Angle       25.4 degrees       22.2 degrees         L Angled Width       89.3 in. (2267 mm)       91.2 in. (2318 mm)         M Tilt       13.3 in. (337 mm)       13.3 in. (337 mm)         N Cut Reach       3.1 in. (78 mm)       1.6 in. (41 mm)         O Width Over Track       73 in. (1854 mm)       79 in. (2006 mm)         P Cast Reach       13.2 in. (335 mm)       10.6 in. (269 mm)         I Width       115 in. (2921 mm)       115 in. (2921 mm)         J Height       32.5 in. (826 mm)       32.5 in. (826 mm)         SAE Capacity       2.29 cu. yd. (1.75 m³)       2.29 cu. yd. (1.75 m³)         K Blade Angle       25.4 degrees       25.4 degrees         L Angled Width       105.5 in. (2680 mm)       105.5 in. (2680 mm)         M Tilt       15.8 in. (400 mm)       15.8 in. (400 mm)         N Cut Reach       10.6 in. (268 mm)       2.6 in. (65 mm)         O Width Over Track       73 in. (1854 mm)       89 in. (2260 mm)         P Cast Reach       22 in. (558 mm)       14 in. (355 mm)         I Width       30.2 in. (767 mm)         SAE Capacity       2.15 cu. yd. (1.64 m³)		Width	97 in. (2464 mm)	97 in. (2464 mm)
K Blade Angle       25.4 degrees       22.2 degrees         L Angled Width       .89.3 in. (2267 mm)       91.2 in. (2318 mm)         M Tilt       .13.3 in. (337 mm)       13.3 in. (337 mm)         N Cut Reach       .3.1 in. (78 mm)       1.6 in. (41 mm)         O Width Over Track       .73 in. (1854 mm)       79 in. (2006 mm)         P Cast Reach       .13.2 in. (335 mm)       10.6 in. (269 mm)         I Width       .115 in. (2921 mm)       115 in. (2921 mm)         J Height       .32.5 in. (826 mm)       32.5 in. (826 mm)         SAE Capacity       .2.29 cu. yd. (1.75 m³)       2.29 cu. yd. (1.75 m³)         K Blade Angle       .25.4 degrees       25.4 degrees         L Angled Width       .105.5 in. (2680 mm)       105.5 in. (2680 mm)         M Tit       .15.8 in. (400 mm)       15.8 in. (400 mm)         N Cut Reach       .10.6 in. (268 mm)       2.6 in. (65 mm)         O Width Over Track       .73 in. (1854 mm)       89 in. (2260 mm)         P Cast Reach       .22 in. (558 mm)       14 in. (3150 mm)         J Height       .30.2 in. (767 mm)         SAE Capacity       .2.15 cu. yd. (1.64 m³)	J			32.5 in. (826 mm)
L       Angled Width       89.3 in. (2267 mm)       91.2 in. (2318 mm)         M       Tit       13.3 in. (337 mm)       13.3 in. (337 mm)         N       Cut Reach       3.1 in. (78 mm)       1.6 in. (41 mm)         O       Width Over Track       73 in. (1854 mm)       79 in. (2006 mm)         P       Cast Reach       13.2 in. (335 mm)       10.6 in. (269 mm)         I       Width       115 in. (2921 mm)       115 in. (2921 mm)         J       Height       32.5 in. (826 mm)       32.5 in. (826 mm)         SAE Capacity       2.29 cu. yd. (1.75 m³)       2.29 cu. yd. (1.75 m³)         K       Blade Angle       25.4 degrees       25.4 degrees         L       Angled Width       105.5 in. (2680 mm)       105.5 in. (2680 mm)         M       Tilt       15.8 in. (400 mm)       15.8 in. (400 mm)         N       Cut Reach       10.6 in. (268 mm)       2.6 in. (65 mm)         O       Width Over Track       .73 in. (1854 mm)       89 in. (2260 mm)         P       Cast Reach       .22 in. (558 mm)       14 in. (355 mm)         I       Width       .30.2 in. (767 mm)         SAE Capacity       .2.15 cu. yd. (1.64 m³)		SAE Capacity	2.0 cu. yd. (1.5 m <sup>3</sup> )	2.0 cu. yd. (1.5 m <sup>3</sup> )
M Titt.       13.3 in. (337 mm)         N Cut Reach.       3.1 in. (78 mm)       1.6 in. (41 mm)         O Width Over Track       73 in. (1854 mm)       79 in. (2006 mm)         P Cast Reach.       13.2 in. (335 mm)       10.6 in. (269 mm)         I Width.       115 in. (2921 mm)       115 in. (2921 mm)         J Height.       32.5 in. (826 mm)       32.5 in. (826 mm)         SAE Capacity       2.29 cu. yd. (1.75 m³)       2.29 cu. yd. (1.75 m³)         K Blade Angle       25.4 degrees       25.4 degrees         L Angled Width       105.5 in. (2680 mm)       105.5 in. (2680 mm)         M Titt.       15.8 in. (4000 mm)       15.8 in. (4000 mm)         N Cut Reach.       10.6 in. (268 mm)       2.6 in. (65 mm)         O Width Over Track       73 in. (1854 mm)       89 in. (2260 mm)         P Cast Reach       22 in. (558 mm)       14 in. (335 mm)         I Width       124 in. (3150 mm)         J Height       30.2 in. (767 mm)         SAE Capacity       2.15 cu. yd. (1.64 m³)	K	Blade Angle	25.4 degrees	22.2 degrees
N Cut Reach       .3.1 in. (78 mm)       1.6 in. (41 mm)         O Width Over Track       .73 in. (1854 mm)       79 in. (2006 mm)         P Cast Reach       .13.2 in. (335 mm)       10.6 in. (269 mm)         I Width       .115 in. (2921 mm)       115 in. (2921 mm)         J Height       .32.5 in. (826 mm)       32.5 in. (826 mm)         SAE Capacity       .2.29 cu. yd. (1.75 m³)       2.29 cu. yd. (1.75 m³)         K Blade Angle       .25.4 degrees       25.4 degrees         L Angled Width       .105.5 in. (2680 mm)       105.5 in. (2680 mm)         M Tit       .15.8 in. (400 mm)       15.8 in. (400 mm)         N Cut Reach       .10.6 in. (268 mm)       2.6 in. (65 mm)         O Width Over Track       .73 in. (1854 mm)       89 in. (2260 mm)         P Cast Reach       .22 in. (558 mm)       14 in. (3150 mm)         J Height       .30.2 in. (767 mm)         SAE Capacity       .2.15 cu. yd. (1.64 m³)	L	Angled Width	89.3 in. (2267 mm)	91.2 in. (2318 mm)
O Width Over Track       73 in. (1854 mm)       79 in. (2006 mm)         P Cast Reach       13.2 in. (335 mm)       10.6 in. (269 mm)         I Width       115 in. (2921 mm)       15 in. (2921 mm)         J Height       32.5 in. (826 mm)       32.5 in. (826 mm)         SAE Capacity       2.29 cu. yd. (1.75 m³)       2.29 cu. yd. (1.75 m³)         K Blade Angle       25.4 degrees       25.4 degrees         L Angled Width       105.5 in. (2680 mm)       105.5 in. (2680 mm)         M Tilt       15.8 in. (400 mm)       15.8 in. (400 mm)         N Cut Reach       10.6 in. (268 mm)       2.6 in. (65 mm)         O Width Over Track       73 in. (1854 mm)       89 in. (2260 mm)         P Cast Reach       22 in. (558 mm)       14 in. (3150 mm)         J Height       30.2 in. (767 mm)         SAE Capacity       2.15 cu. yd. (1.64 m³)	M	Tilt	13.3 in. (337 mm)	13.3 in. (337 mm)
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J Height       32.5 in. (826 mm)         SAE Capacity       2.29 cu. yd. (1.75 m³)         K Blade Angle       25.4 degrees         L Angled Width       105.5 in. (2680 mm)         M Tilt       15.8 in. (400 mm)         N Cut Reach       10.6 in. (268 mm)         O Width Over Track       73 in. (1854 mm)         P Cast Reach       22 in. (558 mm)         1 Width       14 in. (355 mm)         J Height       30.2 in. (767 mm)         SAE Capacity       2.15 cu. yd. (1.64 m³)	- 1	Width	115 in. (2921 mm)	115 in. (2921 mm)
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L       Angled Width       105.5 in. (2680 mm)         M       Tilt       15.8 in. (400 mm)       15.8 in. (400 mm)         N       Cut Reach       10.6 in. (268 mm)       2.6 in. (65 mm)         O       Width Over Track       73 in. (1854 mm)       89 in. (2260 mm)         P       Cast Reach       22 in. (558 mm)       14 in. (355 mm)         I       Width       124 in. (3150 mm)         J       Height       30.2 in. (767 mm)         SAE Capacity       2.15 cu. yd. (1.64 m³)				2.29 cu. yd. (1.75 m <sup>3</sup> )
M       Tilt	K	Blade Angle	25.4 degrees	25.4 degrees
N Cut Reach	L	Angled Width	105.5 in. (2680 mm)	105.5 in. (2680 mm)
0       Width Over Track       .73 in. (1854 mm)       89 in. (2260 mm)         P       Cast Reach       .22 in. (558 mm)       14 in. (355 mm)         I       Width       .124 in. (3150 mm)         J       Height       .30.2 in. (767 mm)         SAE Capacity       .2.15 cu. yd. (1.64 m³)	M	Tilt	15.8 in. (400 mm)	15.8 in. (400 mm)
P Cast Reach       22 in. (558 mm)       14 in. (355 mm)         I Width       124 in. (3150 mm)         J Height       30.2 in. (767 mm)         SAE Capacity       2.15 cu. yd. (1.64 m³)	N	Cut Reach	10.6 in. (268 mm)	2.6 in. (65 mm)
I Width       124 in. (3150 mm)         J Height       30.2 in. (767 mm)         SAE Capacity       2.15 cu. yd. (1.64 m³)	0	Width Over Track	73 in. (1854 mm)	89 in. (2260 mm)
<b>J</b> Height	P	Cast Reach	22 in. (558 mm)	14 in. (355 mm)
SAE Capacity	1	Width		124 in. (3150 mm)
	J	Height		30.2 in. (767 mm)
K Blade Angle 25.4 degrees		SAE Capacity		2.15 cu. yd. (1.64 m³)
N blade Aligio	K	Blade Angle		25.4 degrees
L Angled Width	L	Angled Width		113.7 in. (2887 mm)
<b>M</b> Tilt	M	Tilt		17 in. (432 mm)
<b>N</b> Cut Reach	N	Cut Reach		6.8 in. (173 mm)
<b>0</b> Width Over Track89 in. (2260 mm)	0	Width Over Track		89 in. (2260 mm)
<b>P</b> Cast Reach	P	Cast Reach		17.9 in. (454 mm)

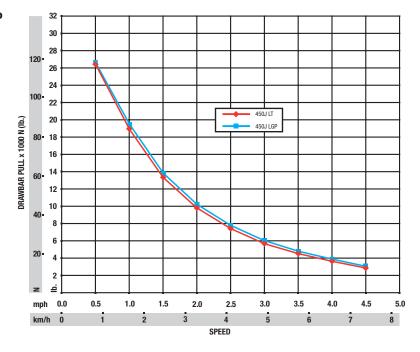
# Forestry Application 450J LT / 450J LGP

Available limb risers and screens for the rollover protective structure, John Deere-built, self-contained 4000S Winch\* for versatile skidding and clearing operations

- **D** Overall Length with Winch\*\* ......177 in. (4496 mm)
- **Q** 4000S Winch Length ......29.6 in. (752 mm) \*Reference 4000S Winch spec sheet.
  - \*\*See page 4 for related dimensions.

# **Drawbar Pull**

Crawler Speed vs Ground Pull ......usable pull will depend on traction and weight of tractor



#### 450J **Engine**

- Meets EPA Tier II non-road emissions regulations
- Electric fuel shutoff, key start switch
- Oil-to-water engine oil cooler
- Vertical spin-on oil filter
- Vertical spin-on primary fuel filter with water separator
- Vertical spin-on final fuel filter
- Dual-element dry air cleaner, built-in precleaner, and evacuator valve
- Above-hood pre-screener/raincap
- External primary precleaner\*
- **Enclosed safety fan guard**
- Coolant recovery tank
- Engine coolant to -34°F (-37°C)
- Blower-type cooling fan
- Trash-resistant ten-fin-per-inch in-line radiator
- Radiator sand screen (steel)
- Under-hood muffler, vertical exhaust stack
- Pre-wired for ether start aid
- Electric ether start aid
- Coolant heater, 1,000 watts, 110 volts
- Coolant heater, fuel fired

## **Powertrain and Controls**

- **Dual-path hydrostatic transmission**
- Single-lever steering, F-N-R direction control
- Decelerator/brake pedal, automatic retardation
- **Engine-speed selection lever**
- Ground speed in grip with speed ratio
- Automatic straight-ahead tracking
- Dynamic braking (anti-free wheel)
- Counterrotation
- Transmission neutral lock, safety start switch
- Automatic spring-applied, hydraulic-released parking brake
- Independent transmission oil reservoir with sight gauge
- Onboard diagnostics with visual display
- Oil-to-air transmission oil cooler
- Built-in final drive seal guards
- Triple-reduction final drives with wet multidisc brakes
- Remote diagnostic test ports
- Maximum forward/reverse speed 5.0 mph (8.0 km/h)
- Selectable reverse speed from set forward

#### **C-Frames and Blades**

- Six-way all-hydraulic C-frame with adjustable blade pitch
- Remote C-frame pivot grease banks
- Cordura-covered hoses, conveniently replaceable lengths
- Straight end bits
- Adjustable pitch link

#### **Electrical**

- 12-volt system
- Fuse panel, blade-style multi-fused circuit breakers
- **Electric horn**
- Reverse warning alarm
- Master electrical disconnect
- Positive battery terminal covers

#### 450J Electrical (continued)

- By-pass start safety cover at starter
- Electronic monitor, visual and audible warning
- **Ground-speed selection display**
- Single 12-volt low-maintenance battery, 190min. reserve capacity, 950 CCA
- Dual 12-volt low-maintenance batteries, 380 min. reserve capacity, 1,900 CCA
- 65-amp sealed alternator with ROPS
- 20-amp power port, for phone and radio **Hydraulic System**
- 15-gpm fixed-displacement gear pump
- Pump, through-drive for winch or auxiliary pump
- Low-effort T-bar blade control
- Independent reservoir with sight gauge
- Vertical spin-on filter
- **0-ring face seal connectors**
- Three-function valve
- Four- and five-function valves with levers, with or without float\*
- Rear auxiliary plumbing

### **Undercarriage**

- Single-flange rollers
- Double-flange rollers\*
- Full-length track frame covers
- Chain guides, front and rear
- Fully protected track-tension adjusters
- Solid sprockets
- Sprocket rock guards (bolt-on)
- Bolt-on full-length track-roller rock guards
- Sealed track chains
- Sealed and lubricated track chains
- Self-cleaning pyramid swamp shoes\*

#### Lights

- Grille-mounted driving lights (2), rear light (1), halogen, 2,000 candlepower each
- High-intensity work lights, front (2) and rear (2), with steel guards, 65 watts each

#### **Operator's Station**

- Modular ROPS/FOPS canopy, isolation mounted (conforms to SAE J1040)
- Under-seat ROPS heater, 30,000 Btu/hr
- Modular ROPS/FOPS cab, isolation mounted (conforms to SAE J1040): Air conditioner, 24,000 Btu/hr / Fresh air intake cab heater/ defroster/pressurizer, 18,000 Btu/hr with air precleaner / Dome light / Deluxe headliner with molded air ducts for heater, defroster, and air conditioner / 30.000 Btu/hr underseat heater / Front windshield and doors, wipers and washers / Tinted safety glass /
- Antenna for radio / 95-amp alternator
- Right and left access
- Slip-resistant front-mounting steps
- **Ergonomically located handholds**
- Headliner
- Floormat
- Adjustable footrests
- Adjustable full-length armrests
- **Built-in Operator's Manual storage**
- Suspension vinyl seat (conforms to SAE J899): Fore and aft/weight and height combined adjustment / Adjustable leg support / Seat

## 450J Operator's Station (continued)

- belt, 2 in. (51 mm), retractable with CRS (conforms to SAE J386)
- Deluxe suspension vinyl or cloth seat (conforms to SAE J899): Fore and aft/weight and height combined adjustment / Adjustable leg support / Adjustable backrest angle / Adjustable lumbar support / Adjustable seatback extension / Seat belt, 3 in. (76 mm), retractable with CRS (conforms to SAE J386)
- Seat belt, 3 in. (76 mm), retractable with CRS (conforms to SAE J386)
- Convex interior rearview mirror
- Accessories: Convex wide-angle interior rearview mirror / Knee cushions (2) / Seat-side lockable storage box/lunch box/cup holder
- Rear window wiper and washer for cab
- AM/FM weatherband radio
- Complete enclosure ROPS-to-cab conversion panels
- Rear-and-side-only enclosures
- Front windshield and doors enclosure

# **Overall Vehicle**

- One-piece unitized construction mainframe
- Front tow loop (bolt-on)
- Reinforced engine and mid-frame bottom guards
- Integral transmission guard
- Heavy-duty louvered grille
- Perforated engine side shields
- Vandal protection lock provisions for: Engine service access cover / Fuel fill / Hydraulic reservoir fill/check / Transmission reservoir fill/check / Instrument panel
- Lockable grease gun/tool storage compartment in right access door
- **Environmental drains**
- Chrome exhaust stack
- Trademarks/decals, French or Spanish
- Transport lift and tie-down rings\*

## **Protection Packages**

- Extreme-duty louvered grille and hose protection
- Limb risers, arched or point-to-point
- Operator-protective rear screen
- Operator-protective side screens (ROPS)
- Operator-protective full-screen package Heavy-duty engine air-intake guard
- Air-conditioning module guard

## **Attachments**

- Counterweight, rear, 330 lb. (150 kg) each
- Counterweight, front, 240 lb. (109 kg) each
- Retrieval hitch with pin
- Extended rigid drawbar with pin for pull-type implements
- **Extended drawbar for winch**
- Parallelogram ripper with five shank pockets and three teeth Standard or low-speed winch
- Power-in/out standard-speed winch
- Power-in/out low-speed winch Four-roller fairlead for winch
- Log arch for winch



Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at standard conditions per SAE J1349 and DIN 6270B, using No. 2-D fuel at 35 API gravity. Gross power is without cooling fan.

Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards, Except where otherwise noted, these specifications are based on a unit with standard equipment, rollover protective structure, full fuel tank, and 175-lb. (79 kg) operator.

