



JOHN DEERE

97 SAE NET HORSEPOWER

J

LOADER

344J





# Pump up the volume.

If you're seeking more productivity out of a compact loader, we've got your number. The 344J boasts outstanding maneuverability, travel speed, breakout force, reach, and stability — easily making it the most capable in its class. Its unique oscillating stereo steering turns tightest, for fast cycle times and unmatched agility. The spacious walk-through cab is comfortable and fully equipped

with intuitive low-effort controls that help your operators do their best. Plus, the 344J is loaded with proven durability and uptime-enhancing features such as sealed electrical connectors, durable solid-state electrical load center, and simplified serviceability, to list just a few. Read on to learn how the compact and capable 344J can help turn up the production on your next job.





A 20-percent tighter turning radius allows the 344J to work where comparable loaders won't — for maximum productivity in close quarters.

Return-to-dig, high travel-speed range, 2-cubic-yard bucket — the stuff that'll cost you more on other compacts is standard on ours.

Extended-service intervals help ensure maximum uptime.

Lockable front differential delivers more power and tractive effort, especially in slippery conditions.

Bigger breakout force, higher dump height, and greater lift capability enable the 344J to tackle a wide variety of tasks.

At the heart of the 344J, a smooth, quiet-running 4.5-L turbocharged Tier-3 certified John Deere diesel provides plenty of power, quietly and efficiently.



## 344J

<b>Operating Weight</b> .....	18,761 lb.
<b>Net Horsepower</b> .....	97 hp
<b>Full-Turn Tipping Load</b> .....	12,522 lb.
<b>Bucket Capacity</b> .....	2.0 cu. yd.
<b>Bucket Breakout Force</b> .....	17,310 lb.



The load-sensing closed-center hydraulic system delivers only the power required, so there's no wasted horsepower or fuel.

An exclusive standard feature, return-to-dig automatically returns the bucket to a preset level, for faster work cycles.

Stereo steering combines machine articulation with rear-axle steering, for best-in-class turning radius.

Optional ride control increases productivity, enabling the 344J to comfortably navigate rough terrain quickly. Helps full bucket loads reach their intended destination, instead of somewhere in between.



1. Unique stereo steering turns tighter while actually articulating less to provide superior close-quarters maneuverability.



2. Oscillating rear axle and front-frame articulation smooth transport over rough terrain — for faster cycles and better material retention.

3. With its exceptional reach, the 344J easily dumps to the center of tandem-axle trucks. For quicker loading cycles.

4. Manual low-speed differential lock delivers the tractive effort needed to go deeper into the pile.

5. Available hydraulic quick-coupler makes multitasking easier, switching from bucket to forks in seconds without leaving the seat.







# Ready, willing, and stable.

The 344J moves more material, more quickly than comparable loaders — even when navigating crowded jobsites. How? Unique stereo steering allows tight turns with large loads, for unmatched stability, maneuverability, and fewer three-point turns. What's more, the hydrostatic drivetrain's

infinitely variable range lets you precisely match travel speed to the work at hand. And with standard features such as the load-sensing closed-center hydraulic system, lockable front differential, and return-to-dig, you won't have to work harder to be more productive.

A detailed view of the operator's cab of a John Deere 344J tractor. The image shows the steering wheel, the FNR (Forward Neutral Reverse) joystick, the suspension seat, and various control panels and gauges. The cab is designed for comfort and visibility, with a large window and a clear view of the work area.

# Gives new meaning to the term “mobile office.”

Put your operator in the 344J's redesigned, more spacious cab, and watch productivity take off. Industry-leading 360-degree visibility provides clear sight lines to the work ahead and the surrounding jobsite. The low-effort FNR joystick is comfortably positioned, and standard return-to-dig is

just a flick-of-the-wrist away. Gauges in the forward console are clearly visible, intuitive, and easy to read. Combined with tilt steering, multi-adjustable high-back suspension seat, and the smoothest ride in the industry, the 344J comes equipped with everything an operator needs.





Inching/brake pedal slows travel speed while keeping engine rpm high for optimum hydraulic response and control.

Low- and high-speed ranges provide infinitely variable travel speeds, letting you creep ahead or max out at 19 mph.

Large expanse of glass and interior/exterior convex mirrors provide unsurpassed all-around visibility.

Add a highly efficient HVAC system to make your operator more comfortable — and even more productive. Automotive-type louvers help keep the view clear.

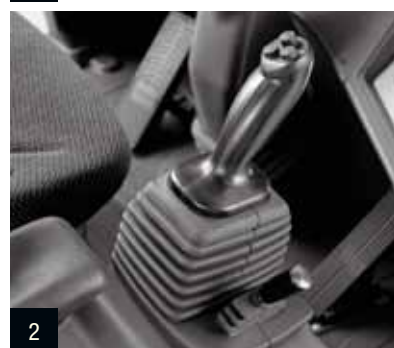
1. Enter or exit easily from either side of the walk-through cab.

2. Boom and bucket, FNR, and differential lock are controlled by the same low-effort joystick for convenient one-hand operation.

3. Easy-to-read monitor displays vital operating info at a glance, including rpm, hours, engine oil pressure, and more. Issues both visual and audible warnings.

4. Oscillating axle/elastic articulation absorbs pitching motions and reduces cab tilt by as much as 50 percent — for a more stable, comfortable ride.

5. Available quick-coupler lets you go from bucket to forks quickly and easily without leaving the seat.



Wet-disc brakes in the heavy-duty axles self-adjust and are sealed from contaminants for long, trouble-free life.

Hydraulically driven proportional fan runs only as needed to provide optimal cooling — for less wear-and-tear on cooling components, reduced noise, and lower fuel consumption.

Turbocharged Deere 4.5-L PowerTech™ diesel runs smooth, quiet, and meets EPA Tier 2 non-road emissions regulations.

Switches and electrical connectors are sealed from moisture and dirt — so corrosion won't short-circuit productivity.

Highly reliable circuit-board technology and a vehicle electrical center eliminate the need for a multitude of wiring harnesses and connectors.



1

1. Remote test ports allow technicians to troubleshoot problems more quickly.



2

2. Steering linkage is positioned where it's protected, and supported by brackets with easily replaceable wear strips.



3

3. Slip-resistant, self-cleaning steps and convenient grab handles ease entry and exit. Other safety features such as an automatic park brake and bypass-start protection also help keep the operator out of harm's way.



4

4. A/C condenser easily tilts out and away from the radiator for easier clean out. Doesn't require draining fluids or disconnecting hoses.







# Built to keep downtime down.

No time for downtime? Get a 344J. With many of the same uptime-boosting advantages found in our larger loaders, it's one dependable co-worker. Sealed electrical

connectors, flat-face O-ring seal hydraulic hose connections, and self-adjusting wet-disc brakes keep this compact coming back for more. When you know how it's built, you'll run a 344J.

Fuel-efficient John Deere diesel runs 500 hours between oil changes. Serpentine belt never needs adjusting.

Electronic control unit lets service technicians easily retrieve vital operating info and helps diagnose problems more quickly.

Locking fuel cap and electrical disconnect switch help prevent theft or vandalism.

Maintenance-free batteries are easily accessible and connected in parallel for reliable power.

Easy-lift hood and transverse-mounted engine make daily checks a cinch.





# The bucks stop here.

Open the easy-lift hood and you'll uncover the many convenience features that make the 344J simple and inexpensive to maintain. Ground-level access to dipsticks, filler necks, and coolant reservoir help speed daily checks and additions.

Vertical, up-front filters and environmental drains further simplify periodic maintenance. Plus, industry-leading parts and service are just as easily accessible at more than 400 John Deere dealers throughout North America.

1. Hydraulically driven fan runs only as needed for efficient cooling, reduced noise, and lower fuel consumption.

2. Easy-access fuse panel accommodates quick checks and changes.

3. Lube bank puts rear axle grease zerks within easy reach. Convenient lubrication and maintenance chart helps ensure that nothing gets overlooked.

4. Hydraulic fluid sight gauge and see-through coolant reservoir let you check fluid levels at a glance.

5. Vertical spin-on fuel and oil filters and environmental drains make fluid changes quick and clean.

6. Nobody backs you better than the 400-plus John Deere dealers throughout North America.



# Specifications

## Engine 344J

Manufacturer and Model	John Deere PowerTech™ 4045T with turbocharger
Non-Road Emission Standards	certified to EPA Tier 3 emissions
Cylinders	4
Displacement	276 cu. in. (4.4 L)
Net Rated Power @ 2,400 rpm	97 hp (72 kW)
Maximum Net Torque @ 1,400 rpm	291 lb.-ft. (396 Nm)
Lubrication	pressure system with full-flow spin-on filter

## Cooling

Sucker-type fan, hydraulically driven, proportionally controlled	
Engine Coolant Rating	–34 deg. F (–37 deg. C)

## Powertrain

Hydrostatic (HST) with infinitely variable speed control over full range of operating speeds; two speed ranges; low-effort electric shift; joystick-mounted F-N-R; two speed ranges; HST inching pedal, which allows infinitely reduced travel speeds while maintaining full engine rpm and hydraulic flow	
Two Travel Speeds In Forward and Reverse	
Gear 1	5.0 mph (8.0 km/h)
Gear 2	18.6 mph (29.9 km/h)
Axles	rear center-pivot axle with 10-deg. rear axle oscillation and 10-deg. frame oscillation
Rear Axle Oscillation Versus Front Axle	20 deg. total, stop to stop
Differentials	hydraulic 100% dif-lock front and conventional rear differential
Steering	hydraulic power steering (SAE J1511); 30-deg. articulation left and right with mechanical actuated rear-wheel steer emergency steering system
Articulation Angle	60-deg. arc (30 deg. each direction)
Final Drive	heavy-duty planetary, mounted outboard
Brakes (SAE J1473 and ISO3450)	frame-mounted debris guard for brake-disc/brake-caliper assembly
Service Brakes	hydraulically actuated, self-adjusting internal wet-disc brake and driveline drum brake
Parking Brake	automatically spring-applied, hydraulically released, internal wet disc

## Hydraulics

Main Pump (loader and steering)	constant-displacement gear pump
Maximum Rated Flow @ 1,000 psi (6895 kPa) and 2,400 rpm	30 gpm (114 L/m)
System Relief Pressure (loader and steering)	3,335 psi (22 994 kPa)

### Hydraulic Cycle Times

Raise	5.3 sec.
Dump	1.5 sec.
Lower (power down)	4.0 sec.
Total (with the original pump)	10.8 sec.

### Turning Radius

Measured to Outside Corner of Bucket	14 ft. 9 in. (4.50 m)
--------------------------------------	-----------------------

Controls	pilot-operated, pressure-compensating, two-function valve with unloader; single-lever control and control-lever lockout feature; optional third- and fourth-function valves
----------	---

## Electrical

Electrical load center with blade-type multi-fused circuits	
Voltage	12 volt
Battery Capacity	1,700 CCA
Reserve Capacity	176 min.
Alternator Rating	65 amp
Lights	4 front standard, 2 rear optional



## Tires/Wheels

344J

	<i>Tread Width</i>	<i>Width Over Tires</i>	<i>Change In Vertical Height</i>
<b>Standard-Size, 17.5R25 GP-2B Tires on Single-Piece Rims</b> . . . . .	73.6 in. (1869 mm)	91.1 in. (2314 mm)	0 in. (0 mm)
<b>17.5R25EM, XTLA L2 Michelin Tires on Single-Piece Rims (optional)</b> . . . . .	73.6 in. (1869 mm)	91.6 in. (2327 mm)	– 0.8 in. (– 20 mm)
<b>17.5R25EM, XHA L3 Tires on Single-Piece Rims (optional)</b> . . . . .	73.6 in. (1869 mm)	91.2 in. (2316 mm)	– 0.6 in. (– 15 mm)
<b>17.5R25EM, Goodyear SGL-D/L 2A, 12 PR 4S Tires on Single-Piece Rims (optional)</b> . . . . .	73.6 in. (1869 mm)	91.2 in. (2316 mm)	0 in. (0 mm)

## Serviceability

**Sight Gauges** . . . . . hydraulic reservoir and see-through coolant reservoir

### Refill Capacities

Cooling System (engine and radiator) . . . .	28.0 qt. (27.0 L)
Differential and Planetary Axle	
Front . . . . .	9.8 qt. (9.3 L)
Rear . . . . .	9.2 qt. (8.7 L)
Engine Oil with Filter . . . . .	13.7 qt. (13.0 L)
Fuel Tank . . . . .	42.3 gal. (160.0 L)
Hydraulic/Hydrostatic Reservoir with Filter . . . . .	26.4 gal. (100.0 L)
Hydrostatic Motor Gearbox . . . . .	3.0 qt. (2.9 L)
Front/Rear Axle Planetary Hubs (each) . . . .	27.0 oz. (0.8 L)

## Operating Weights

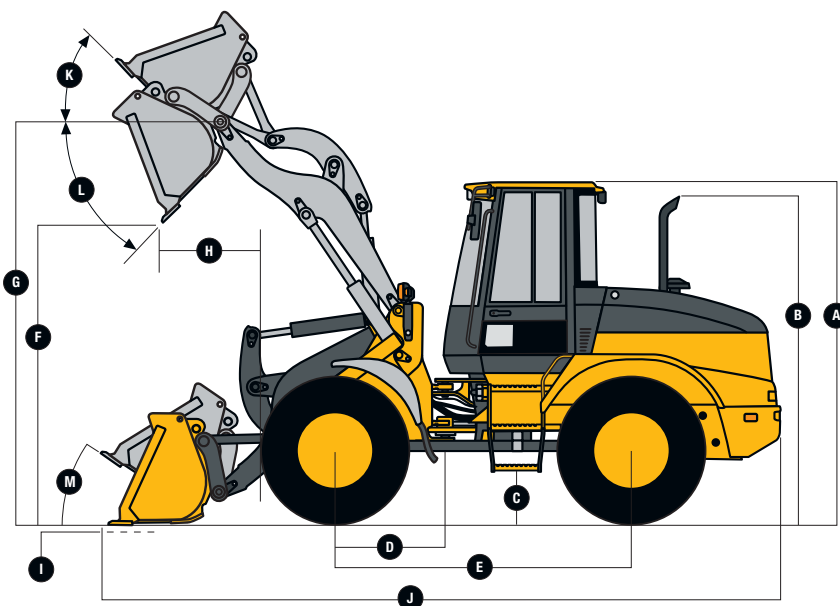
With standard equipment, Goodyear 17.5R25 GP-2B tires, standard counterweight, cab, 175-lb. (79 kg) operator, and full fuel tank

With Quick-Coupler and 2.0-cu.-yd. (1.5 m <sup>3</sup> ) General-Purpose Bucket with Bolt-On Edge . . . . .	18,761 lb. (8510 kg)
With Quick-Coupler and 1.75-cu.-yd. (1.3 m <sup>3</sup> ) General-Purpose Bucket with Bolt-On Edge . . . . .	18,741 lb. (8501 kg)
With Standard Z-Bar and Pin-On General-Purpose Bucket . . . . .	18,408 lb. (8350 kg)
Loader with Quick-Coupler and Fork . . . .	18,452 lb. (8370 kg)

## Machine Dimensions

### DIMENSIONS WITH PIN-ON BUCKET

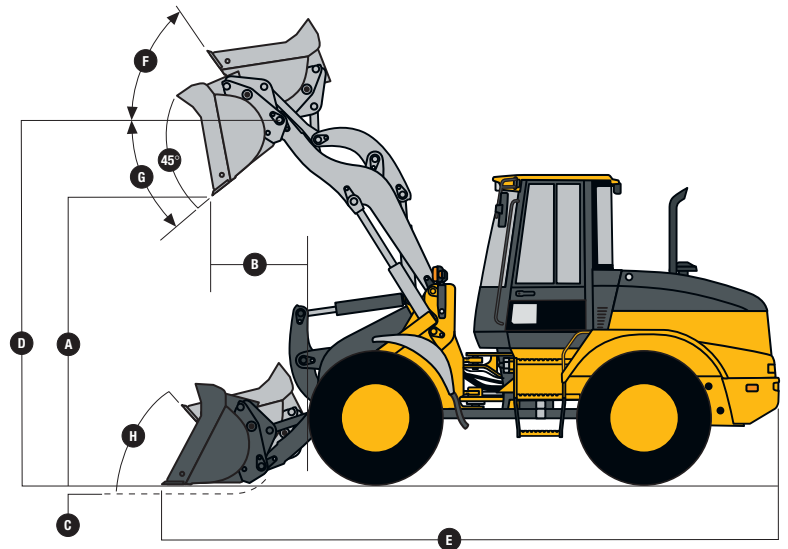
<b>A</b> Height to Top of Cab . . . . .	9 ft. 11 in. (3.02 m)
<b>B</b> Height to Top of Exhaust . . . . .	9 ft. 6 in. (2.90 m)
<b>C</b> Ground Clearance . . . . .	15.2 in. (386 mm)
<b>D</b> Length from Centerline of Front Axle . . . . .	3 ft. 9 in. (1.15 m)
<b>E</b> Wheelbase . . . . .	8 ft. 6 in. (2.60 m)
<b>F</b> Dump Clearance, 42-deg. Full Height . . . . .	▲ (see page 14)
<b>G</b> Height to Hinge Pin, Fully Raised . . . . .	12 ft. 0 in. (3.66 m)
<b>H</b> Dump Reach, 42-deg., 7-ft. (2.13 m) Clearance . . . . .	▲▲ (see page 14)
<b>I</b> Maximum Digging Depth . . . . .	2.1 in. (53 mm)
<b>J</b> Overall Length . . . . .	▲▲▲ (see page 14)
<b>K</b> Maximum Rollback at Full Height . . . . .	63 deg.
<b>L</b> Bucket Dump at Full Height . . . . .	42 deg.
<b>M</b> Maximum Rollback at Ground Level . . . . .	45 deg.



## Machine Dimensions (continued) 344J

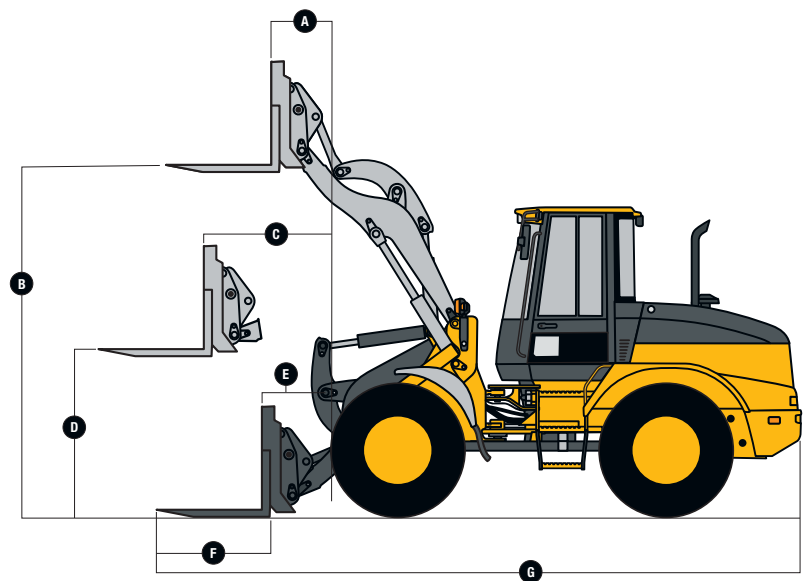
### DIMENSIONS WITH QUICK-COUPLER AND BUCKET

- A** Dump Clearance . . . . . ▲ (see page 15)
- B** Dump Reach . . . . . ▲▲ (see page 15)
- C** Maximum Digging Depth . . . . . 2 in. (51 mm)
- D** Height to Hinge Pin, Fully Raised . . . . . 12 ft. 0 in. (3.66 m)
- E** Overall Length . . . . . ▲▲▲ (see page 15)
- F** Maximum Rollback at Full Height . . . . . 63 deg.
- G** Bucket Dump at Full Height . . . . . 42 deg.
- H** Maximum Rollback at Ground Level . . . . . 45 deg.



### DIMENSIONS WITH QUICK-COUPLER AND FORK

- A** Reach, Fully Raised . . . . . 26.7 in. (680 mm)
  - B** Fork Height, Fully Raised . . . . . 11 ft. 6 in. (3.50 m)
  - C** Maximum Reach, Fork Level . . . . . 4 ft. 11 in. (1.50 m)
  - D** Fork Height, Maximum Reach . . . . . 5 ft. 8 in. (1.71 m)
  - E** Reach, Ground Level . . . . . 32 in. (810 mm)
  - F** Tine Length . . . . . 3 ft. 11 in. (1.20 m)
  - G** Overall Length . . . . . 22 ft. 3 in. (6.77 m)
- As Measured with Fork Level, Load
- Centered on Tine
  - Tipping Load, Straight . . . . . 9,700 lb. (4400 kg)
  - Tipping Load, Full Turn . . . . . 8,884 lb. (4030 kg)



## Standard Z-Bar Pin-On Bucket

Bucket Type/Size	General Purpose w/Bolt-on Edge
Capacity, Heaped SAE . . . . .	2.0 cu. yd. (1.5 m <sup>3</sup> )
Capacity, Struck SAE . . . . .	1.6 cu. yd. (1.2 m <sup>3</sup> )
Bucket Width . . . . .	7 ft. 11 in. (2.40 m)
Breakout Force, SAE J732C . . . . .	17,310 lb. (7852 kg)
Tipping Load, Straight . . . . .	13,668 lb. (6200 kg)
Tipping Load, Full Turn, SAE . . . . .	12,522 lb. (5680 kg)
▲▲ Reach, 45-Deg. Dump, 7-ft. (2.13 m)	
Clearance . . . . .	4 ft. 11 in. (1.50 m)
▲▲ Reach, 45-Deg. Dump, Full Height . . . . .	32.6 in. (0.83 m)
▲ Dump Clearance, 45 Deg., Full Height . . . . .	9 ft. 4 in. (2.85 m)
▲▲▲ Overall Length, Bucket on Ground . . . . .	20 ft. 2 in. (6.13 m)
Loader Clearance Circle, Bucket Carry	
Position . . . . .	14 ft. 10 in. (4.51 m)

Loader operating information is based on machine with all standard equipment; 17.5R25EM, GP-2B 6S L2 Goodyear tires; standard counterweight; ROPS cab; 175-lb. (79 kg) operator; and full fuel tank. This information is affected by tire size, ballast, and different attachments.



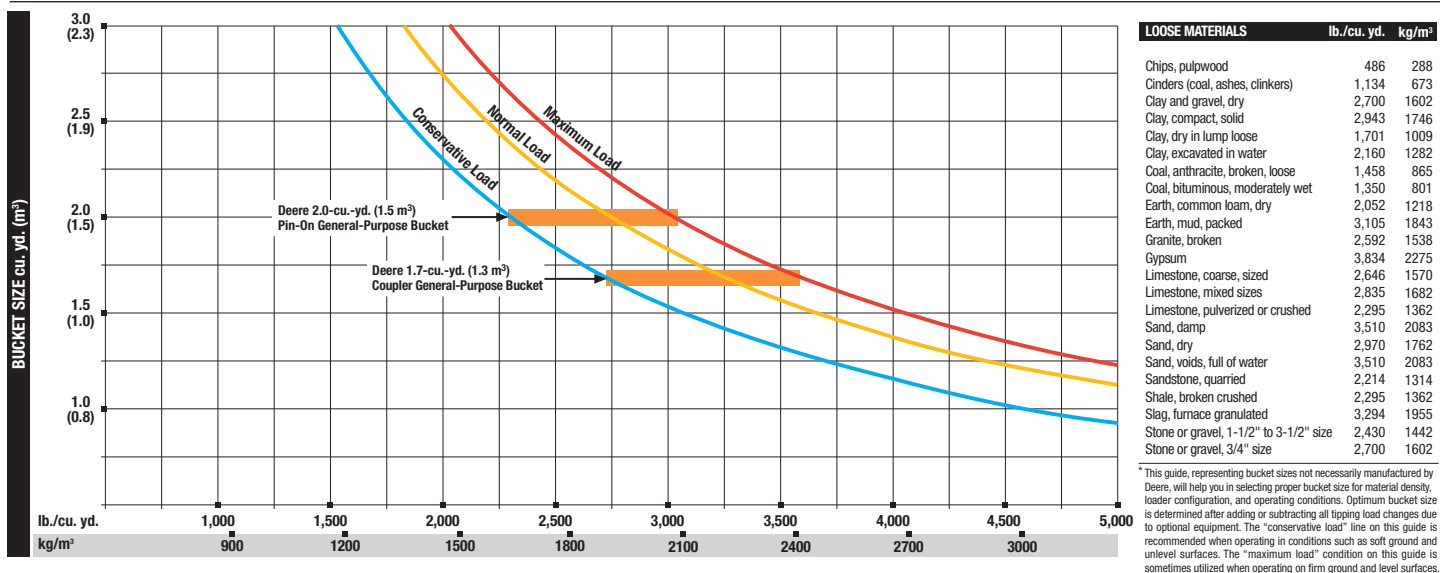
## Standard Z-Bar Quick-Coupler with Bucket

344J

	General Purpose w/Bolt-on Edge	General Purpose w/Bolt-on Edge
Bucket Type/Size		
Capacity, Heaped SAE	2.0 cu. yd. (1.5 m <sup>3</sup> )	1.75 cu. yd. (1.3 m <sup>3</sup> )
Capacity, Struck SAE	1.6 cu. yd. (1.2 m <sup>3</sup> )	1.4 cu. yd. (1.1 m <sup>3</sup> )
Bucket Width	7 ft. 11 in. (2.40 m)	7 ft. 11 in. (2.40 m)
Breakout Force, SAE J732C	16,186 lb. (7342 kg)	16,093 lb. (7300 kg)
Tipping Load, Straight	12,665 lb. (5745 kg)	12,978 lb. (5887 kg)
Tipping Load, Full Turn, SAE	11,596 lb. (5260 kg)	11,871 lb. (5385 kg)
▲▲ Reach, 45-Deg. Dump, 7-ft. (2.13 m)		
Clearance	5 ft. 3 in. (1.60 m)	4 ft. 8 in. (1.42 m)
▲▲ Reach, 45-Deg. Dump, Full Height	3 ft. 0 in. (0.91 m)	34 in. (0.86 m)
▲ Dump Clearance, 45 Deg., Full Height	9 ft. 1 in. (2.77 m)	9 ft. 1 in. (2.77 m)
▲▲ Overall Length, Bucket on Ground	21 ft. 0 in. (6.39 m)	20 ft. 3 in. (6.17 m)
Loader Clearance Circle, Bucket Carry		
Position	29 ft. 9 in. (9.07 m)	29 ft. 8 in. (9.04 m)

Loader operating information is based on machine with all standard equipment; 17.5R25EM, GP-2B 6S L2 Goodyear tires; standard counterweight; ROPS cab; 175-lb. (79 kg) operator; and full fuel tank. This information is affected by tire size, ballast, and different attachments.

## Standard Z-Bar Pin-On Bucket Selection Guide\*



## 344J LOADER

**Key:** ● Standard equipment ▲ Optional or special equipment

### 344J Engine

- Certified to EPA Tier 3 emissions
- Antifreeze, -34°F (-37°C)
- Coolant recovery tank
- Fan safety guard
- Fan, sucker type, hydraulically driven, proportional
- Muffler, under hood with curved end exhaust stack
- Environmentally friendly engine oil drain
- Engine oil cooler
- Quick-release fuel filter and water separator
- ▲ Ether start aid (for cold starts)
- ▲ Engine coolant heater, 1,000 watts, 110 volts

### Electrical

- Starter switch with electric fuel cutoff
- 12-volt electrical system
- Electrical load center – Blade-type fuses / Adjacent to operator's right in console
- Standard batteries (2), 12 volt with 1,700 CCA, 176-min. rated reserve
- Master electrical disconnect switch
- Alternator, 12 volts, 65 amps
- Horn (conforms to SAE J994, J1446)
- Lights (conform to SAE 99): Driving, turn signals, flashers, stop, and taillights
- Pre-wired for rear work lights
- Work lights, front (2)
- ▲ Work lights, rear (2)
- Reverse warning alarm (conforms to SAE J994, J1446)
- Multifunction monitor with audible and visual warnings: Low engine oil pressure, engine coolant temperature, hydraulic oil temp warning light, and parking brake indicator / Gauges and indicators: Engine coolant temperature gauge, fuel level gauge, speedometer, clock, and hour meter / Operator warning lights: Engine air filter, battery voltage, parking brake applied, forward/reverse travel direction, 1st or 2nd speed range, turn signal indicator and hazard, and high-beam driving lights
- Radio-ready cab, fused 12-volt radio electrical lead and speakers
- Pre-wired for roof beacon

### 344J Powertrain/Brakes

- Hydrostatic (HST) transmission, electronic shift control, joystick F-N-R switch, hydrostatic oil cooler, inching pedal, and two speeds forward and reverse
- Parking brake, spring applied, hydraulically released, switch operated
- Conventional-type differential rear, hydraulic 100% dif-lock front

### Hydraulic System

- Hydraulic system oil cooler
- Automatic bucket return-to-dig control
- Float detent
- Reservoir sight gauge
- Fine-micron hydraulic filters, vertical mounting
- Hydraulic function lockout
- Two-function pressure-compensating hydraulic valve with pilot joystick control
- ▲ Three-function pressure-compensating hydraulic valve with pilot joystick control and pilot auxiliary lever for third function
- ▲ Four-function pressure-compensating hydraulic valve with pilot joystick control and pilot auxiliary lever for third function, and switch for fourth function
- ▲ Hydraulic conversion kits, three-function valve
- ▲ Hydraulic conversion kits, three- and four-function valves
- Quick-coupler diagnostic ports: Priority pressure, hydraulic pump pressure, control valve pressure, and HST pressure

### Operator's Station

- Cab (conforms to SAE J1040 APR88): ROPS/FOPS, heater/defroster, rubber-plane isolation mounted for noise/vibration reduction, intermittent front and rear windshield wipers and washers, tinted safety glass, full-width adjustable sun visor, pre-wired for radio speakers, deluxe high-back cloth seat with mechanical suspension and 2-in. (51 mm) retractable seat belt, and left and right doors
- ▲ Air conditioning (factory or dealer installed)

\*See your John Deere dealer for further information.

### 344J Operator's Station (continued)

- Storage compartment for operator's manual and other items
- Rubber floor mat
- Tilt steering column
- Rearview mirrors, outside (2) and inside (1) (conform to SAE J985)
- Handholds and steps, ergonomically located and slip resistant (conform to SAE J185)

### Loader Linkage

- Z-bar loader linkage provides high bucket breakout
- Loader boom service locking bar (conforms to SAE J38)

### Buckets and Attachments

- ▲ Full line of buckets with selection of bolt-on cutting edges
- ▲ Hydraulic-actuated quick-coupler with flags
- ▲ Full line of construction utility forks, pallet forks, extendable booms with hook, and other attachments\*

### Tires

- 17.5R25EM, GP-2B 6S L2 Goodyear
- ▲ 17.5R25EM, XTLA L2 Michelin
- ▲ 17.5R25EM, XHA L3 Michelin
- ▲ 17.5R25EM, SGL-D/L2 A Goodyear

### Other

- Fenders, front and rear
- Articulation locking pin (conforms to SAE J276)
- Vandal protection, includes lockable engine enclosure and fuel fill
- Counterweight, saddle-type, built-in
- Rear bottom guard, built-in
- Drawbar, with locking pin
- Lift eyes
- Tie-downs
- ▲ Fire extinguisher
- ▲ Secondary steering
- ▲ Material-weighing system\*
- ▲ JDLINK™ wireless communication system

## CONTROL OWNING AND OPERATING COSTS

Customer Personal Service (CPS) is part of John Deere's proactive, fix-before-fail strategy on machine maintenance that will help control costs, increase profits, and reduce stress. Included in this comprehensive lineup of ongoing programs and services are:

**Fluid analysis program** – tells you what's going on inside *all* of your machine's major components so you'll know if there's a problem *before* you see a decline in performance. Fluid analysis is included in most extended coverage and preventive-maintenance agreements.

**Component life-cycle data** – gives you vital information on the projected life span of components and lets you make informed decisions on machine maintenance by telling you approximately how many hours of use you can expect from an engine, transmission, or hydraulic pump. This information can be used to preempt catastrophic downtime by servicing major components at about 80 percent of their life cycle.

**Preventive Maintenance (PM) agreements** – give you a fixed cost for maintaining a machine for a given period of time. They also help you avoid downtime by

ensuring that critical maintenance work gets done right and on schedule. On-site preventive maintenance service performed where and when you need it helps protect you from the expense of catastrophic failures and lets you avoid waste-disposal hassles.

**Extended coverage** – gives you a fixed cost for machine repairs for a given period of time so you can effectively manage costs. Whether you work in a severe-service setting or just want to spread the risk of doing business, this is a great way to custom-fit coverage for your operation. And an extended coverage contract also travels well because it's backed by John Deere and is honored by *all* Deere construction dealers.

**Customer Support Advisors (CSAs)** – Deere believes the CSA program lends a *personal* quality to Customer Personal Service (CPS). Certified CSAs have the knowledge and skills for helping make important decisions on machine maintenance and repair. Their mission is to help you implement a plan that's right for *your* business and take the burden of machine maintenance off your shoulders.



JOHN DEERE

DKA344J Litho in U.S.A. (09-01)

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO9249. No derating is required up to 10,000-ft. (3050 m) altitude.

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 all standard equipment, 17.5R25, Goodyear GP-2B L2 radial tires, ROPS cab, standard rear counterweight, full fuel tank, and 175-lb. (79 kg) operator.

