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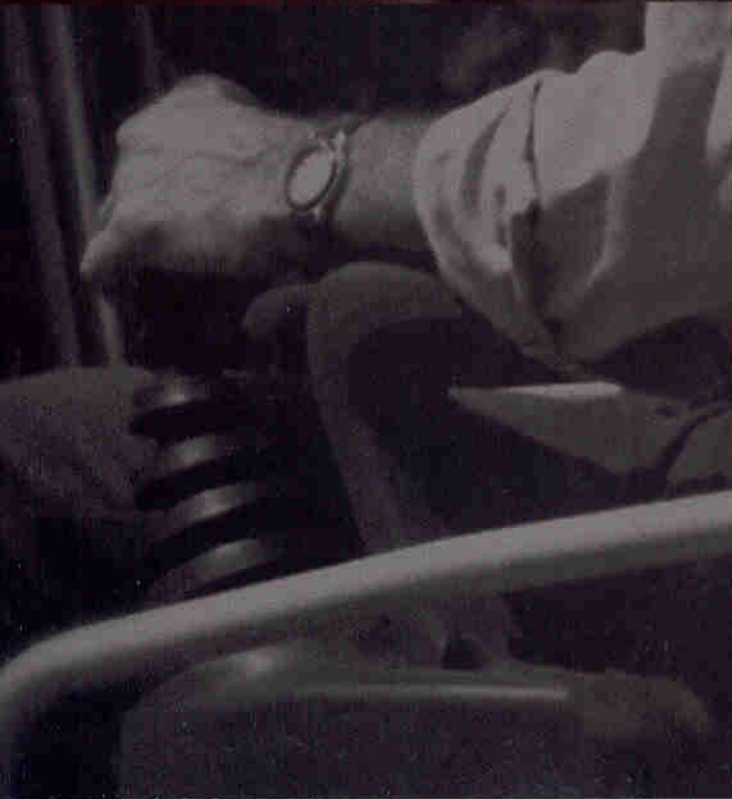
CONSTRUCTION EQUIPMENT DIVISION

EXCAVATORS



MODEL NO.

35ZTS



35ZTS

An off-the-wall idea that's easy to get behind

Unlike other compacts, the 35ZTS Excavator's unconventional design allows this nimble 3.5-metric-ton machine to rotate fully without banging its tail into something. Zero tail swing, independent-swing boom, and 360-degree rotation take the hassle out of working in-close.

With a 35ZTS Excavator, the possibilities are almost endless. Its standard quick-coupler and auxiliary hydraulics enable the 35ZTS to easily accommodate an array of John Deere buckets and Worksite Pro™ attachments.

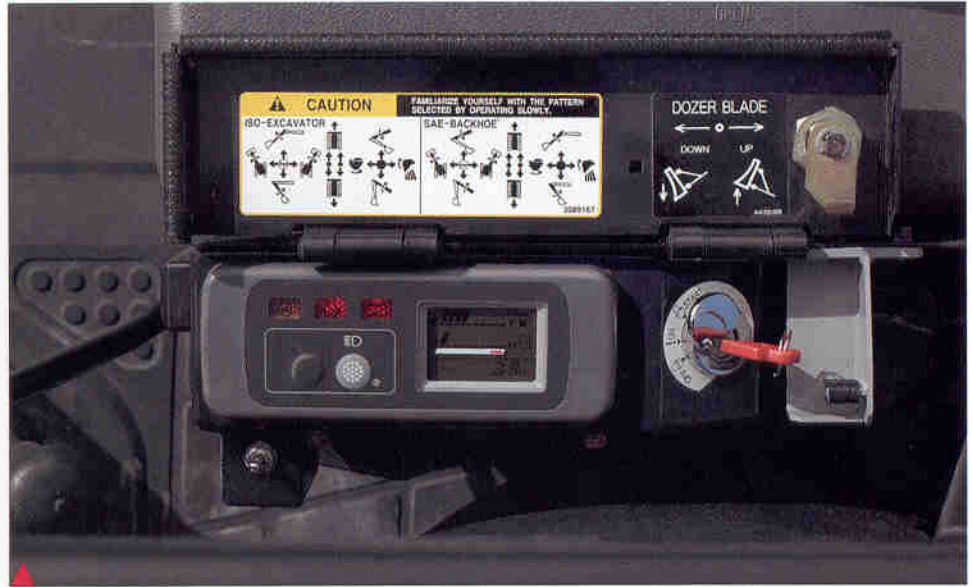
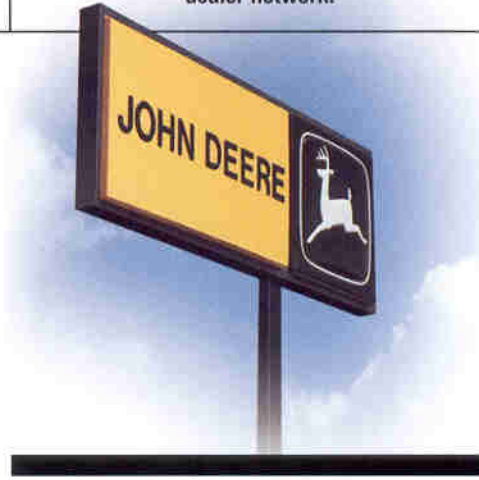


Zero tail swing allows the body of the 35ZTS to fully rotate within the width of the tracks. So you can work with confidence next to walls, critical structures and other obstacles.

Rubber tracks enable the 35ZTS to traverse virtually any terrain and are especially welcome on paved surfaces. Steel tracks are also available. Backfill blade is standard. ▼

Control-pattern selector easily accommodates operator preferences. Go from backhoe to excavator-style controls with just a twist of your wrist. ▼

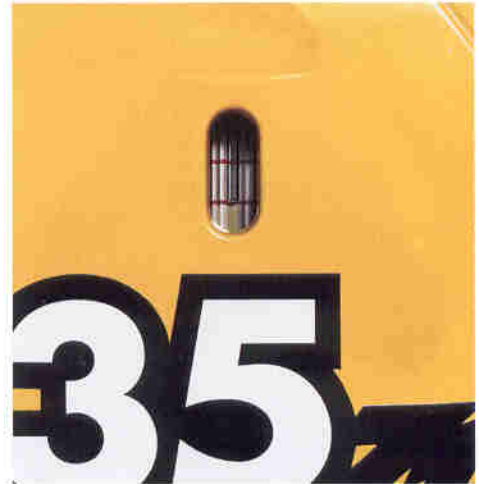
Perhaps best of all, the 35ZTS is backed by Deere's exclusive CounterParts® promise, 12-month SECURE® warranty, extensive preventive maintenance programs, and nationwide dealer network.



Low-effort pilot controls (above left) direct an open-center variable-displacement hydraulic system for smooth, combined-function performance. Their ergonomically correct design helps unfamiliar operators become proficient quickly. Systems monitor (above) with lockable steel cover displays vital operating information.

◀ You won't bust your tail maintaining a 35ZTS, either. All doors open wide, providing easy access to daily service points, cooling system, fuel filters, and battery.

Sight gauge provides a quick contamination-free check of the hydraulic fluid level. ▶



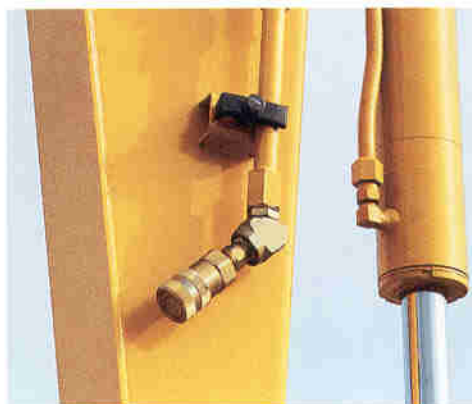
PUT MORE work



▲ It's not just this excavator's zero tail swing that opens up new opportunities for you. Standard rubber tracks, quick-coupler, and auxiliary hydraulics broaden its abilities.

▶ Mechanical quick-coupler makes fast work of bucket and attachment switchover. So go ahead – add any of the wide variety of buckets or Worksite Pro™ attachments and watch utilization take off.

▶ The 35ZTS comes attachment-ready with boom-mounted auxiliary hydraulic lines and a return-flow selector valve that accommodates both one- and two-way hydraulically actuated attachments. So you can easily go from breaker to auger to whatever the work demands.



Planetary hex-drive augers utilize a wide variety of heavy-duty, rock, and shrub bits.



Heavy-duty trenching buckets range from 12 to 30 inches wide. Teeth are replaceable.



within reach



Bust through blacktop, concrete, and other hard surfaces with a hydraulic breaker.



Add a hydraulic clamp and use it with the bucket for handling cumbersome objects.



Grapple/clamp combination works well for clearing jobs, handling brush, and light demolition work.

WORKSITE PRO ATTACHMENTS

Buckets

- 12-in. (1.7 cu. ft.) heavy-duty bucket
 - 16-in. (2.4 cu. ft.) heavy-duty bucket
 - 20-in. (3.2 cu. ft.) heavy-duty bucket
 - 24-in. (4.0 cu. ft.) heavy-duty bucket
 - 30-in. (5.2 cu. ft.) heavy-duty bucket
 - 34-in. (5.9 cu. ft.) ditch-cleaning bucket
-

Hydraulic clamp

- 26-in. 4-tong grapple
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- HB30 hydraulic breaker (300 ft/lb impact energy)
 - HB50 hydraulic breaker (500 ft/lb impact energy)
 - HB75 hydraulic breaker (750 ft/lb impact energy)
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- PA30 hex-drive planetary auger

◀ Thirty-four-inch-wide ditch-cleaning bucket handles loose or sloppy material. Cutting edge is replaceable.

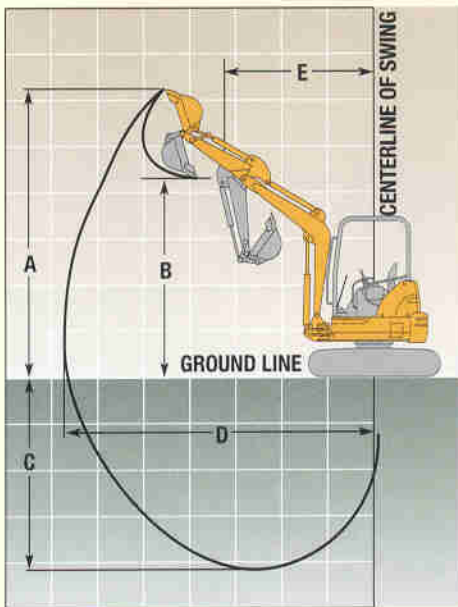
▲ Zero tail swing, maximum versatility – that's the 35ZTS. Nobody gives you the freedom of choice you get from Deere.

35ZTS

Engine	35ZTS
Make	Isuzu
Model	3LD1
Fuel	diesel
Cooling	liquid
Displacement	91.4 cu. in. (1.5 L)
Horsepower	29 hp (21.6 kW) @ 2,450 rpm

Performance	
Operating weight	7,782 lb. (3530 kg)
Maximum travel speed	
Low	1.98 mph (3.2 km/h)
High	2.8 mph (4.5 km/h)
Hydraulic pumps	3 total
Type	2 piston and 1 gear
Total capacity	
Piston	11 gpm (41.63 L/min.) x 2
Gear	6.8 gpm (25.7 L/min.)
Auxiliary flow	22 gpm (83.3 L/min.)
Fuel tank capacity	10.5 gal. (40 L)
Hydraulic tank capacity	7.9 gal. (30 L)
Standard rubber track	
Width	11.8 in. (300 mm)
Ground pressure	31.2 kPa (4.52 psi)

Working Range	
Transport length	15 ft. 5 in. (4720 mm)
Arm length	4 ft. 2 in. (1265 mm)
A Maximum digging height	14 ft. 8 in. (4470 mm)
B Maximum dumping height	10 ft. 2 in. (3100 mm)
C Maximum digging depth	10 ft. 4 in. (3150 mm)
D Maximum digging reach	17 ft. 1 in. (5210 mm)
E Minimum front swing radius	7 ft. 9 in. (2360 mm)
Bucket breakout force	6,173 lb. (2800 kg)
Arm breakout force	4,299 lb. (1950 kg)



Lift Capacities	Over front, blade down	Over side
Ground level at 10-ft. radius	2,994 lb. (1358 kg)*	1,547 lb. (701 kg)

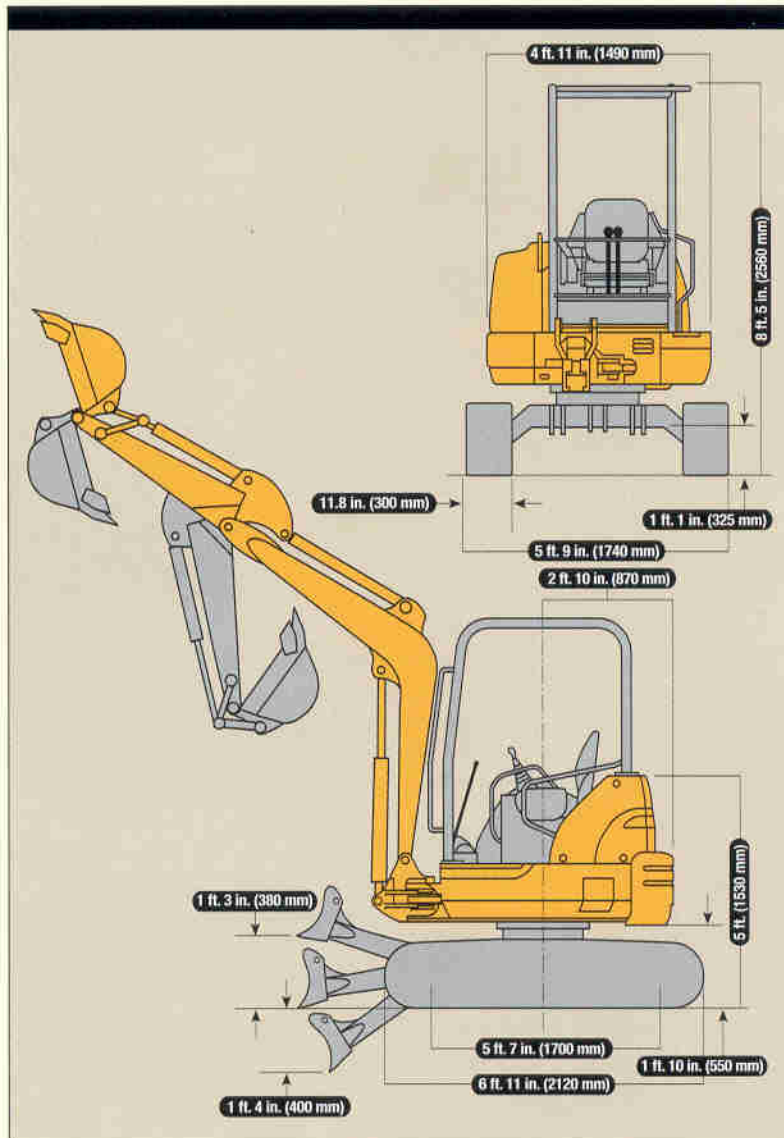
*Limited by hydraulics.

Drive
each track is independently driven by a hydrostatic axial-piston motor connected to a two-stage planetary gear reduction box

Swing System	
Swing speed	8.8 rpm
Tail swing radius	2 ft. 10 in. (870 mm)
Boom swing	
Left	66 degrees
Right	86 degrees

Blade	
Blade width	5 ft. 7 in. (1700 mm)
Blade height	13.8 in. (350 mm)
Maximum lift, above ground	1 ft. 3 in. (380 mm)
Maximum drop, below grade	1 ft. 4 in. (400 mm)

- Options**
- Cab
 - Steel track



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. No derating is required up to 10,000 ft. (3050 m) altitude. 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 canopy unit with 24-in. (610 mm), 4.0-cu. ft. (0.11 m³) bucket; 11.8-in. (300 mm) rubber track; 1,225-lb. (556 kg) counterweight; full fuel tank; and 175-lb. (79 kg) operator. Lift capacities shown are for base machine above with mechanical quick coupler, less bucket.

