



JOHN DEERE



17ZTS

COMPACT
EXCAVATOR

1.7 METRIC TON



COMMERCIAL WORKSITE PRODUCTS

Specifications

Engine

17ZTS

Make	Isuzu; meets EPA and CARB emission non-road regulations
Model	3YB1
Fuel	diesel
Cooling	liquid
Displacement	46.4 cu. in. (0.76 L)
SAE Net hp	12.3 hp (9.2 kW) @ 2,300 rpm

Performance

Operating Weight	3,814 lb. (1730 kg)
Maximum Travel Speed	
Low	1.2 mph (2.0 km/h)
High	2.5 mph (4.0 km/h)
Hydraulic Pumps	3 total
Type	2 piston and 1 gear
Total Capacity	
Piston	4.4 gpm (16.8 L/min.) x 2
Gear	3.3 gpm (12.5 L/min.)
Auxiliary Flow	7.7 gpm (29.3 L/min.)
Fuel Tank Capacity	6.6 gal. (25 L)
Hydraulic Tank Capacity	7.4 gal. (28 L)
Ground Pressure (with rubber track)	29.9 kPa (4.34 psi)

Lift Capacities

Ground Level at 10-ft. (3.05 m) Radius	
Over Front, Blade Down	864 lb. (392 kg)*
Over Side	470 lb. (213 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	8.6 rpm
Boom Swing	
Left	65 degrees
Right	50 degrees

Blade

Blade Width	4 ft. 5 in. (1350 mm)
Blade Height	10.5 in. (270 mm)

Working Range

17ZTS

Arm Length
3 ft. 1 in. (930 mm)

- A** Maximum Digging Height 11 ft. 7 in. (3530 mm)
- B** Maximum Dumping Height 8 ft. 4 in. (2550 mm)
- C** Maximum Digging Depth 7 ft. 3 in. (2200 mm)
- D** Maximum Digging Reach 12 ft. 11 in. (3950 mm)
- E** Minimum Front Swing Radius 5 ft. 5 in. (1655 mm)
- F** Transport Length 12 ft. 0 in. (3660 mm)
- Bucket Breakout Force 3,042 lb. (13.5 kN)
- Arm Breakout Force 2,138 lb. (9.5 kN)

Dimensions

Arm Length
3 ft. 1 in. (930 mm)

- G** Upperstructure Width 4 ft. 5 in. (1350 mm)
- H** Overall Height 7 ft. 7 in. (2320 mm)
- I** Track Width 9 in. (230 mm)
- J** Undercarriage Width 4 ft. 5 in. (1350 mm)
- K** Ground Clearance 9.4 in. (240 mm)
- L** Tail Swing Radius 2 ft. 3 in. (675 mm)
- M** Engine Cover Height 4 ft. 2 in. (1265 mm)
- N** Maximum Blade Lift Above Ground . . . 10.7 in. (275 mm)
- O** Maximum Blade Drop Below Ground . . 9.8 in. (250 mm)
- P** Sprocket Center To Idler Center 4 ft. 0 in. (1210 mm)
- Q** Track Length 5 ft. 2 in. (1570 mm)
- R** Counterweight Clearance 1 ft. 6 in. (455 mm)



