

## CAT 1.7T EXCAVATOR





## SPECIFICATIONS

### CAT 1.7T EXCAVATOR COMPLETE WITH:

#### OPERATING SPECIFICATION:

Operating Weight: 1,915kg  
Minimum Operating Weight with Canopy: 1,790kg  
Maximum Operating Weight with Canopy: 1,915kg  
Dig Depth: Standard Stick: 2,350mm  
Maximum Reach: 3,970mm  
Maximum Reach at Ground Level: 3,900mm  
Maximum Dig Height: 3,430mm  
Maximum Dump Clearance: 2,450mm  
Overall Shipping Height: 2,300mm  
Overall Shipping Length: 3,620mm  
Ground Clearance: 140mm  
Gradeability: 30°

#### BODY:

Compact Radius (CR) tail swing design  
Swing Bearing Weight: 442mm  
Tail Swing Radius: 650mm  
Dozer Blade:  
Width: 990mm expandable to 1300mm  
Height: 225mm  
Blade Float function fitted  
One-piece boom design Front shovel capable

#### ENGINE:

CAT C1.1 Engine  
Net Power: 15.7kw  
Gross Power: 16.1kW  
Engine Displacement: 1.1L  
Bore x Stroke: 77mm x 81mm  
U.S. EPA Tier 4 Final / EU Stage V compliant  
Automatic Engine Idle  
Automatic Engine Shutdown  
Fuel water separator fitted

#### TRAVEL SYSTEM:

Travel Speed: High: 4.4km/h Low: 2.9km/h  
Maximum Traction Force:  
High Speed: 11.9kN, Low Speed: 18.4kN  
Ground Pressure:  
Minimum Weight: 27.9kPa,  
Maximum Weight: 30kPa  
Hydraulic track adjusters

#### UNDERCARRIAGE AND GUARDS:

Expandable undercarriage  
Rubber Tracks: 230mm  
Track Width: Retracted 990mm, Expanded: 1300mm  
Tie down points on track frame  
Dozer blade fitted  
Hydraulic track adjusters

#### ELECTRICAL SYSTEM:

12 Volt electrical system  
Maintenance free battery  
12 Volt power socket  
Machine and monitor software systems  
Signalling/warning horn  
Boom light fitted

#### SERVICE CAPACITIES:

Fuel Tank: 22L  
Engine Oil: 4.4L  
Cooling System: 3.9L  
Hydraulic Tank: 18L  
Hydraulic System Capacity: 26L  
Smart Tech Electronic Pump  
Load sensing hydraulics with variable displacement piston pump  
Pump Flow at 2,400rpm: 66L/min



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#### HYDRAULIC SYSTEM:

Operating Pressure- Equipment: 245 bar  
Operating Pressure - Travel: 245 bar  
Operating Pressure - Swing: 147 bar  
Auxiliary Primary Flow: 33L/min  
Auxiliary Secondary Flow: 14L/min  
Auxiliary Circuit Pressure: 245 bar  
Digging Force - Bucket: 16.2kN  
Digging Force - Stick: 9.5kN  
Auxiliary hydraulic lines fitted  
One and two-way auxiliary flow  
Continuous auxiliary flow  
Auxiliary quick disconnects

#### OPERATOR ENVIRONMENT:

ROPS / TOPS/ Top Guard certified canopy  
Tilt-up canopy design  
Adjustable wrist rests  
Travel pedals and hand levers  
Stick steer mode  
Cruise control  
Vinyl non-suspension seat  
Retractable high visibility seat belt  
Hydraulic lockout for all controls  
Next generation colour  
LCD monitor:  
Fuel and coolant gauges  
Maintenance monitoring  
Machine adjustments  
Hour meter  
Security code system  
Multi-language display  
Cup holder and storage pocket  
Washable floor mat  
Utility space for mobile phone

#### SAFETY & CERTIFICATION:

ROPS: ISO 12117-2:2008  
TOPS: ISO 12117:1997  
Top Guard: ISO 10262:1998