MTZ Equipment Ltd.

HYDRAULIC EXCAVATOR

MTZ350T3

HEAVY CONSTRUCTION EQUIPMENT



KEY SPECIFICATIONS

OPERATING WEIGHT	**37,560 kg**
BUCKET CAPACITY	**1.8 m³**
ENGINE POWER	**241 kW**
MAX. DIGGING REACH	**10,546 mm**
MAX. DIGGING DEPTH	**5,884 mm**

MTZ350T3 Hydraulic Excavator

The MTZ350T3 is a high-performance 37-tonne hydraulic excavator designed for demanding earthmoving, mining, and construction applications. Powered by a Cummins 6LTAA8.9-C325 turbocharged engine delivering 241 kW and featuring a mature negative-flow dual-pump hydraulic system, the MTZ350T3 delivers exceptional digging force, reliable uptime, and low total cost of ownership.



MTZ350T3 – SIDE PROFILE



MAX. DIGGING REACH – 10,546 MM


CUMMINS 6LTAA8.9-C325 ENGINE



ERGONOMIC OPERATOR CAB



HEAVY-DUTY TRACK SYSTEM

241 kW	240 kN	1.8 m³	10.5 rpm
ENGINE POWER	BUCKET DIG FORCE	BUCKET CAPACITY	SWING SPEED

KEY FEATURES

- **Cummins 6LTAA8.9-C325 engine** — turbo-charged with inter-cooling; high load resistance, low fuel consumption, 241 kW @ 2000 rpm
- **Large-capacity aluminium cooling device** — effective heat dissipation under full load and continuous operation
- **Reinforced X-type middle frame & box-type side beams** — high-strength low-stress alloy steel; guarantees structural stability
- **Full-flow oil filter** — ensures clean fuel injection with maintenance interval up to 500 hours
- **High-reliability undercarriage** — carrying wheels, bearing wheels, and track protection framework handle large loads in harsh conditions
- **Negative-flow dual-pump hydraulic system** — cross full-power control; faster response speed and precise controllability
- **Silicone oil shock absorber** in the operator cab for a stable, comfortable working environment
- **LC-type lengthened chassis** — extended ground contact for improved machine stability on soft or uneven terrain
- **Plug-in world-brand air filter** — easy element replacement; maintenance interval up to 500 hours
- **Easy maintenance design** — quick-clean filters, durable hydraulic oil cartridge with extended replacement cycle

Performance Specifications

ENGINE

Model	**6LTAA8.9-C325**
Type	**Turbo-charged with inter-cooled**
Rated Power	**241 kW / 2,000 rpm**
Max. Torque	**1,400 N·m @ 1,400 rpm**
No. of Cylinders	**6**
Displacement	**8.9 L**

HYDRAULIC SYSTEM

Main Pump Type	**Variable displacement axial piston**
Max. Displacement	**2 × 180 cc/rev**
Working Pressure	**32.3 / 34.3 MPa**
Max. Flow	**2 × 342 L/min**
Swing Motor	**Fixed displacement axial piston**
Travel Motor	**Variable displacement axial piston**

PERFORMANCE

Swing Speed	**10.5 rpm**
Travel Speed (High / Low)	**4.0 / 2.5 km/h**
Gradeability	**70% (35°)**
Max. Digging Force (Bucket)	**240 kN**
Max. Digging Force (Arm)	**214 kN**
Max. Drawing Force	**289 kN**
Ground Pressure	**0.77 kgf/cm² (75.5 kPa)**

TANK CAPACITY

Fuel Tank	**650 L**
Hydraulic Oil Tank	**345 L**

GENERAL

Operating Weight	**37,560 kg**
Standard Bucket Capacity (SAE)	**1.8 m³**
Boom Length (Standard)	**6,470 mm**
Arm Length (Standard)	**2,600 mm**
Arm Length (Optional)	**2,800 mm**

UNDERCARRIAGE

Track Length	**4,962 mm**
Track Ground Length	**4,050 mm**
Track Gauge	**2,680 mm**
Track Width	**600 mm**
Min. Ground Clearance	**471 mm**

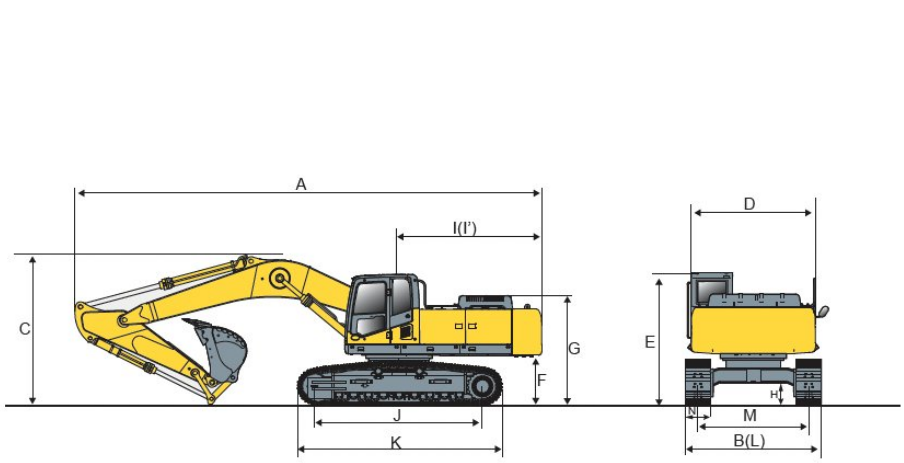
OVERALL DIMENSIONS

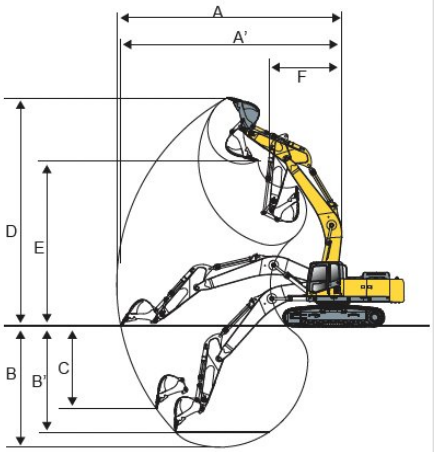
Overall Length (A)	**11,280 mm**
Overall Width (B)	**3,280 mm**
Overall Height (C)	**3,560 mm**
Upper Width (D)	**3,155 mm**
Cab Height (E)	**3,172 mm**
Counterweight Ground Clearance (F)	**1,183 mm**
Platform Length (I)	**3,451 mm**
Rear Swing Radius (I')	**3,505 mm**

WORKING RANGE

Max. Digging Reach (A)	**10,546 mm**
Max. Ground Digging Reach (A')	**10,349 mm**
Max. Digging Depth (B)	**5,884 mm**
Max. Valid Digging Depth (B')	**5,707 mm**
Max. Vertical Digging Depth (C)	**4,021 mm**
Max. Digging Height (D)	**11,110 mm**
Max. Dumping Height (E)	**7,900 mm**
Min. Turning Radius (F)	**3,514 mm**

Machine Dimensions & Working Range





MACHINE DIMENSIONS

A	Overall Length	**11,280 mm**
B	Overall Width	**3,280 mm**
C	Overall Height	**3,560 mm**
D	Upper Width	**3,155 mm**
E	Cab Height	**3,172 mm**
F	Counterweight Clearance	**1,183 mm**
G	Min. Ground Clearance	**471 mm**
I	Platform Length	**3,451 mm**
I'	Rear Swing Radius	**3,505 mm**

UNDERCARRIAGE

J	Track Ground Length	**4,050 mm**
K	Track Length	**4,962 mm**
M	Track Gauge	**2,680 mm**
N	Track Width	**600 mm**
—	Ground Pressure	**0.77 kgf/cm²**

ATTACHMENT

—	Boom Length (Std)	**6,470 mm**
—	Arm Length (Std)	**2,600 mm**
—	Arm Length (Opt)	**2,800 mm**

WORKING RANGE

A	Max. Digging Reach	**10,546 mm**
A'	Ground Digging Reach	**10,349 mm**
B	Max. Digging Depth	**5,884 mm**
B'	Valid Digging Depth	**5,707 mm**
C	Vertical Digging Depth	**4,021 mm**
D	Max. Digging Height	**11,110 mm**
E	Max. Dumping Height	**7,900 mm**
F	Min. Turning Radius	**3,514 mm**

MTZ Equipment Ltd.

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