

WHEEL EXCAVATOR

M210W

Operating Weight 21000 KG
Bucket 1.0 M^3

The QSB 6.7 from Cummins Inc. USA takes you to a whole new level of power and versatility, with in-cylinder technology that maintains a compact, simple and cost-effective solution. This engine delivers performance that meets the challenge of a wide range of tough industrial applications. With ratings up to 205 hp (153 kW) and a torque rise of up to 50 %, the QSB 6.7 engine delivers the power you need while minimizing emissions.

At the same time, it provides better cold starting and runs 50% quieter for increased operator comfort. The advanced engine design ensures maintenance is kept to an absolute minimum Designed to provide the operator superior value and reliability, while meeting stringent worldwide emissions standards Meets Tier 3 / Stage-III emissions levels using in-cylinder combustion technology without the need for external components Compatible with high sulfur fuels for worldwide Uses proven major components for a long life to overhaul. The simplicity of design delivers excellent reliability and ease of servicing efficient fuel systems deliver low levels of fuel consumption For equipment manufacturers, the QSB 6.7 is designed to fit your machine. Cummins' engineers will help define your specification for the best and most cost-effective installation. The electronic calibration will then be tailored to the exact duty cycle and operation of the machine. This expertise drives the best solution for the OEM and the end user. Hydraulics and Controls – State of the art electro-hydraulic system provides low effort, fine control with fast cycle times. All-in-one joystick helps keep eyes on the work. Operator can adjust machine responsiveness with the push of a button, which allows the operator to set up the machine exactly the way they want it based on the application. High Flow option allows for the use of even the most demanding work tools.

The Torque Converter and Transmission System of MTZ Wheeled Excavator, M210W has Power-shift and forward and reverse and Max U Travel Speed is over 17 km/hr. The Axle system gives the maximum power to maintain its mobility for the customer satisfaction. MTZ Wheeled Excavator, M210W crates the maximum mobility top format of its best.

Cab – All around visibility is further enhanced with the availability of a rearview camera. The deluxe cab ensures operator comfort with a heated, air suspension seat and easy to use controls. Available features such as Implement and Hystat Aggressiveness, Ride Control, Lift and Tilt Kickouts, Fork/Bucket Mode and Rimpull Control allow the operator to customize the machine via a soft touch keypad.

Drivetrain: MTZ Smooth shifting and powerful acceleration is matched with modulated hydrostatic braking in the inching/braking pedal, creating a rhythm for material moving. Creeper and electronic engine speed control makes broom and snow blower work easy. Operator tunes between smooth or aggressive shifting with the push of a button

Serviceability – Extended service intervals and excellent service access make daily checks quick and easy allowing you to get to work sooner. Efficiently Powerful with its high full turn tipping loads, powerful breakout forces and increased engine power delivers a balanced solution for all customer applications. Standard Fuel Savings Featur essuch as Eco Mode, On Demand Cooling Fan, and Auto Engine Idle Shutdown make the 920 both powerful and fuel efficient.

Specifications

Engine

Engine Model	: CUMMINS QSB6.7
Maximum Gross Power	: 1800 RPM
Maximum Engine Speed	: 153 kW 205 HP
Rated Net Power	: 1100 RPM
Rated Engine Speed	: 1800 RPM
Displacement	: 6.7 L 354 in
Bore	: 107 mm 4.21 in
Stroke	: 124 mm 4.88 in

Engine (continued)

Maximum Gross Torque Engine type: 931 N-m @ 1300 RPM
In-line, 6-cylinder

Aspiration: Turbocharged/ charge air cooled

Oil system capacity 15-25 U.S./Canada QT, 14.2-23.9.7 liters

High-pressure common-rail fuel system – Allows multiple injection events for cleaner, quieter operation with consistent performance at every rpm. Also improves cold-weather starting.

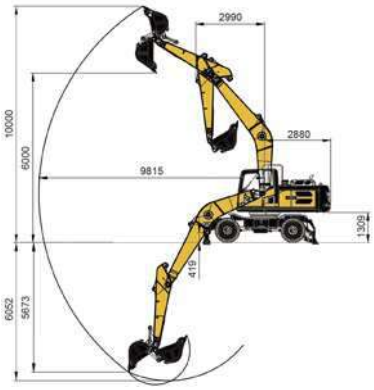
- Engine meets Tier 3 / EURO III Emission Standards.
- Net power advertised is the power available at the flywheel plus front drive implement pump when the engine is equipped with fan air cleaner, muffler and alternator

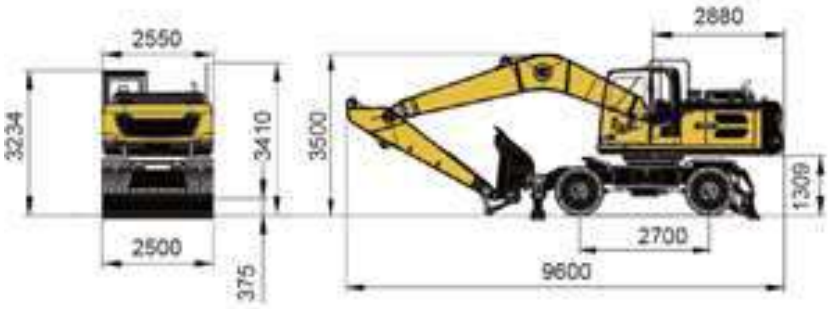
Copyright © 2015 MTZ Equipment Ltd. and P/A Minsk Tractor Works. All Rights Reserved. 3-1136
Centre St, Ste. 124., Thornhill, Ontario, Canada L4J 3M8
Tel.: 1-855-2GO-4MTZ (1-855-246-4689)
Fax: 1-647-933-9066

MTZ Equipment Ltd.

Printed in Canada

Dimensions and Operating Specifications(All dimensions are approximate





1. Arm Length	2990 mm
2. Boom Length	5700 mm
3. Overall Length	9600 mm
4. Overall Width	2500 mm
5. Overall Height	3500 mm
6. Cabin Height	3234 mm
7. Wheelbase	2700 mm
8. Tread	1914 mm
9. Min. Ground Clearance	380 mm
10. Tail Swing Radius	2890 mm

11. Bucket Capacity	1.0 m3
12. Swing Speed	0-12 rmp
13. Gradability	25 Degree
14. Max. Bucket Digging Force	140 kN
15. Max. Arm Digging Force	100 kN
16. Engine (Make and Model)	Cummins Inc. USA QSB6.9
17. Engine Rated Power	153 kW (205 HP) @ 1800 rpm
18. Tire Size	10.00-20
19. System Pressure	34 Mpa
20. Electrical System	2x12 Volts Heavy Duty Battery

Steering system

Pattern Full hydraulic steering system, Articulated type
Min. Turning Radius: 4680 mm
Max. turning angle: 35°±1

Working Range:

Max. Digging Height :10000 mm
Max. Dumping Height : 6000 mm
Max. Digging Depth : 6052 mm
Max. Digging Radius : 9815 mm
Min. Swing Radius : 2990 mm
Max Dozer Blade Tilting Dis : 419 mm
Max Dozer Blade Cutting Dis: 74 mm

Refill Capacity:

Fuel Tank Capacity: 300 Ltr.
Hydraulic tank Capacity: 300 Ltr.
Engine Oil Capacity: 12 Ltr.

Brake system:

Brake system: Air assisted oil disc on four wheel
Parking brake: Air cutting control inner eapand hoof

Transmission System

Reverse speeds
Forward 1: 5.9 km/hr.
Forward 2: 10.4 km/hr.
Forward 3: 18.1 km/hr.
Forward 4: 31.3 km/hr.
Reverse 1: 6.7 km/hr.
Reverse 2: 11.8 km/hr.
Reverse 3: 20.6 km/hr.
Reverse 4: 35.5 km/hr.

Travel Speed: 30 km/hr.

Blade:

Width : 2400 mm
Height : 410 mm
Lift Height: 430 mm

Copyright © 2015 MTZ Equipment Ltd. and P/A Minsk Tractor Works. All Rights Reserved.
3-1136 Centre St, Ste. 124., Thornhill, Ontario, Canada L4J 3M8
Tel.: 1-855-2GO-4MTZ (1-855-246-4689)
Fax: 1-647-933-9066

MTZ Equipment Ltd.

Printed in Canada