

hydraulic excavator UGE-300

BTM URALMASHPLANT

Rated payload 30 tons
Bucket capacity range from 11 to 16 m³
Dumping into 90 to 220 ton capacity trucks



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The excavator model UGE-300 is designed for efficient operation as part of excavator and dump truck complexes comprising 90-220 ton capacity dump trucks.

Advantages:

1. Convenient service and maintenance thanks to readily accessible components for regular maintenance and repairs.
2. High reliability due to main components manufactured by the world's leading companies.
3. Full adaptation to extremely low ambient temperatures (down to -40°C).
4. Advanced control and diagnostic system provides for the following functions:
 - archiving performance parameters and video recording;
 - remote access to system parameters via GSM network;
 - machine location monitoring using a global positioning system;
 - optimal control of automatic centralized lubrication system based on actual working time of friction units in lubrication points;
 - providing the machine operator with information about required maintenance, and calculating required quantities of fuel, coolant, and hydraulic oil;
 - facilitating the operator's work by means of automatic bucket trajectory stabilization when digging and dumping.
5. State-of-art ergonomical design.

Parameter	UGE-300
Frontal equipment	Straight shovel
Working weight, t	300
Bucket capacity (SAE 2:1), m ³	16.0
Crawler truck width, mm	1000
Average specific ground pressure, kg/cm ²	2.41
Drive type and power, kW	Diesel drive
Max. speed	2.7
Ambient temperature range	-40°C to +40°C
Max. digging force on bucket and stick, kN	1200
Max. digging reach, not less than, m	14
Max. bucket lifting height, m	15.9
Max. digging depth, m	2.6
Max. dumping height, m	11.2

