



Functionality

URB-2A-2 drilling rig was made for drilling geophysical and stratigraphic test wells for oil and gas; mineral exploration; exploration of building materials and groundwater; engineering and geological research; drilling water wells and blast holes. URB-2A-2 with a shifting rotator is known for it's effective operation in any weather and climate conditions, widespread distribution.

Specifications

Conditional drilling depth, m:

Roller-bit drilling with fluid circulation and air flushing Ø 93 mm	350
Dry core drilling Ø 151 mm	50
Auger drilling Ø 135 mm	30
Pneumopercussion drilling with longwall Ø 130 mm	none
Pneumopercussion drilling with circular face Ø 151 mm	none
Shock-contact method Ø 140 mm	none
Cone penetration test	none
Dynamic penetration test	none
Pipe holder 250 mm	optional
Mast and carriage type	standart

Load allowed on the elevator, kN (kgs) 63 (6300)

Drill lifting speed, m/s 0...1,25

Spindle rotation speed 132/213/307

Torque, Nm (optional) 4000/2500/1730

Rotator stroke, mm 5200

Torque, Nm 2000/1600/1100

Spindle roation speed (optional) 70/110/160

Overall dimensions in transport position, mm 8330x2500x3980

Overall dimensions in working position, mm 8530x2500x8380

Platform weight, kg 3200

URB-2A-2/ 2A-2D

DRILLING RIG

Chassis



URAL, KAMAZ, ZIL, Multi-purpose tracked chassis, TT-4, TL-5ALM, floating hull

Equipment

Mast	Rotator
Platform	Spare parts
Transfer case	Pressure relief system

Optional equipment

Drilling pumps - NB4, NB-32, NB-50
Compressors - 4VU1-5/9 (no more than one), PK-5,25, KV-10/10C, KV-12/10C. KV-12/12C
Pipe holder - TD-250.ZBT
Auxiliary winch LG-16
Drilling tool

Advantages



Improved control ergonomics

Electronic control unit provides of drilling process safety

Serviced hydraulic system with temperature and pollution control

The ability to install any additional equipment easily

Economical maintenance