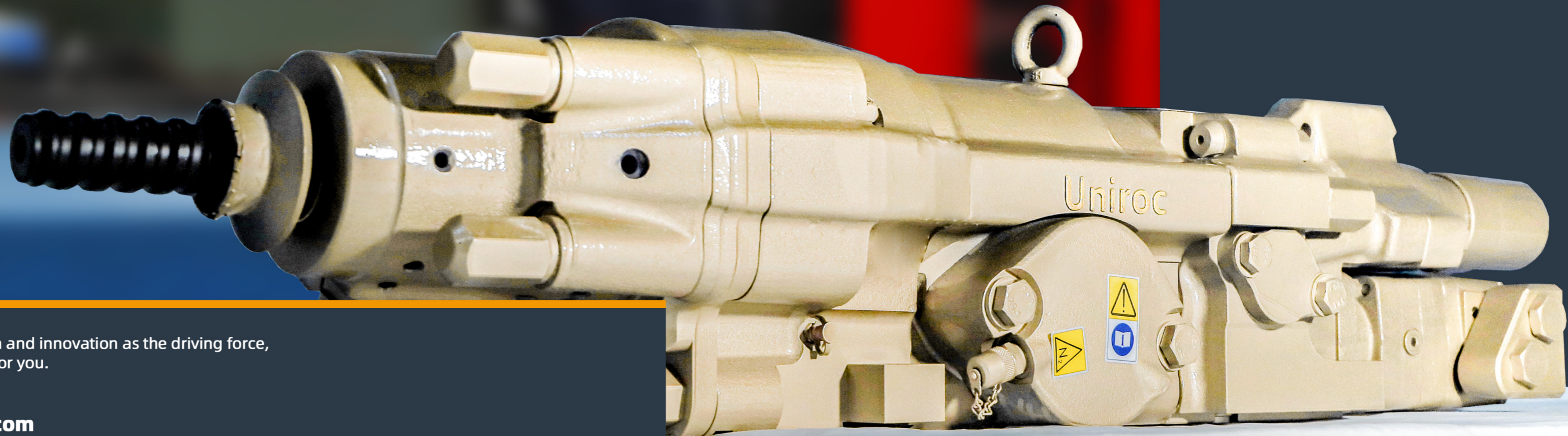


# Rock Drill

## U1838HD+, U2238HD+

High speed rock drill with stable performance.  
Hole range 38-64mm (1 1/2" - 2 1/2")



With quality as the foundation and innovation as the driving force,  
Uniroc creates greater value for you.

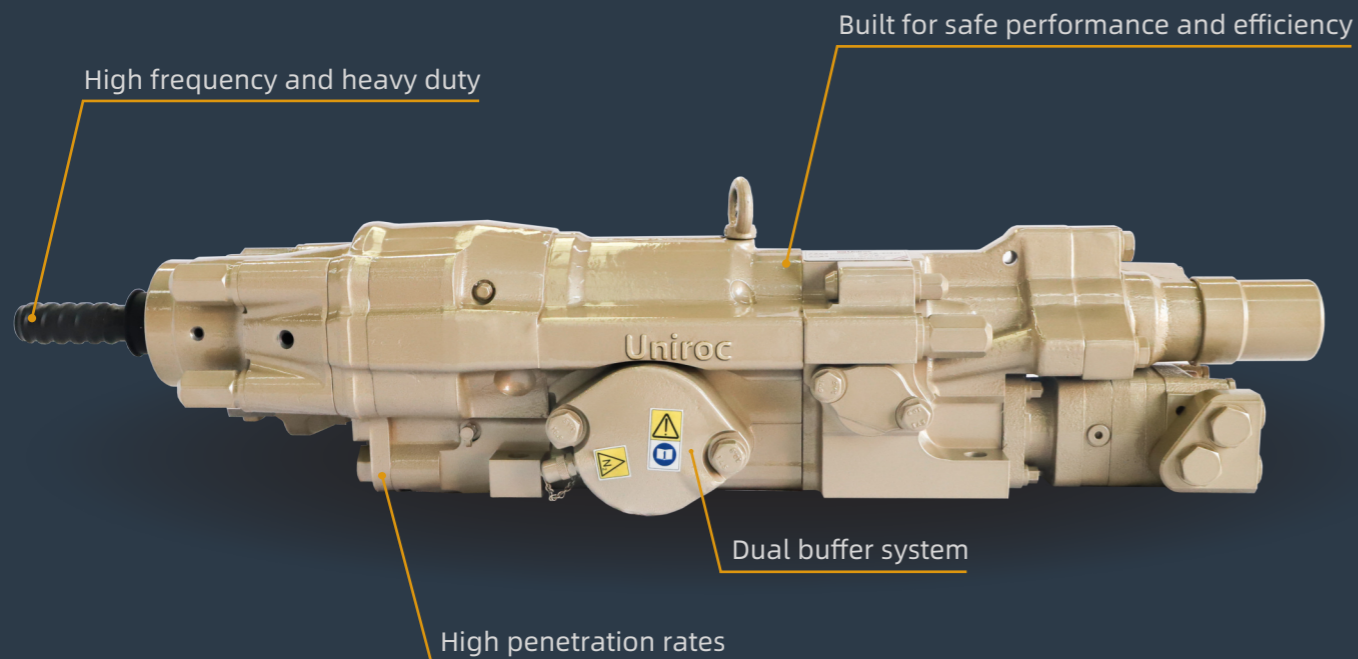
[unirocgroup.com](http://unirocgroup.com)  
[tunnel@unirocgroup.com](mailto:tunnel@unirocgroup.com)





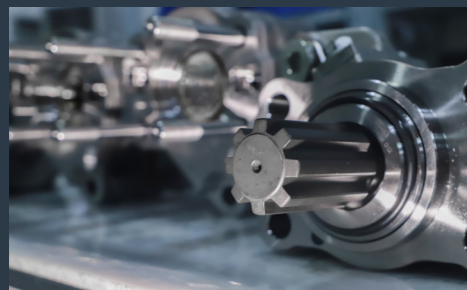
# Reliable Rock Drill

Designed for tunnel and roadway excavation, while also taking into account anchor rod construction.



## Main features:

- 1# High torque output, minimizing the risk for jamming.
- 2# Double buffering system, maximizing capacity to absorb shock wave recoil.
- 3# High impact frequency, reducing drill bit and drill pipe losses.



This rock drill has a heavy-duty design that makes it easy to drill even highly hard rock.



Specialized maintenance tools to ensure excellent performance and safe use of the rock drill.



Two preventive maintenance packages are available to ensure rock drill service life.

## Technical Specifications

### Dimensions And Weight

Weight	189kg
Length without shank adapter	1010mm
Width including connectors	255mm
Height	255mm
Height over drill center	88mm

### Impact Ratings

	U1838HD+	U2238HD+
Impact power (maximum)	18kW	22kW
Input power to rock drill (maximum)	31kW	37kW
Hydraulic pressure (maximum)	230Bar	250Bar
Flow rate	75-92L/min	83-93L/min
Impact frequency	60Hz	73Hz

### Rotation Motors

Type	07 (160cc)
Rotation range	0-215rpm
Torque (maximum)	1000Nm
Working pressure (maximum)	210bar
Oil consumption	75L/min

### Flushing Flow And Pressure

Flushing water pressure (maximum)	25bar
Lubricating air consumption at 2 bar	5L/s
Flushing water consumption*	55-120L/min

\* Flushing water consumption depends strongly upon hole diameter, bit type, drill rod size and rock hardness.

### Service Kits

	U1838HD+	U2238HD+
Seal kit	U00900000004	U00900000008
Minor preventive maintenance kit	U00900000003	U00900000007
Major preventive maintenance kit	U00900000002	U00900000006

### Shank Adapters

	U1838HD+ / U2238HD+ Drifting	U1838HD+ / U2238HD+ For extension drilling
R38	200100001541	200100001542
T38	20117001573	200100001540

# Rock Drill U1838HD+ , U2238HD+