

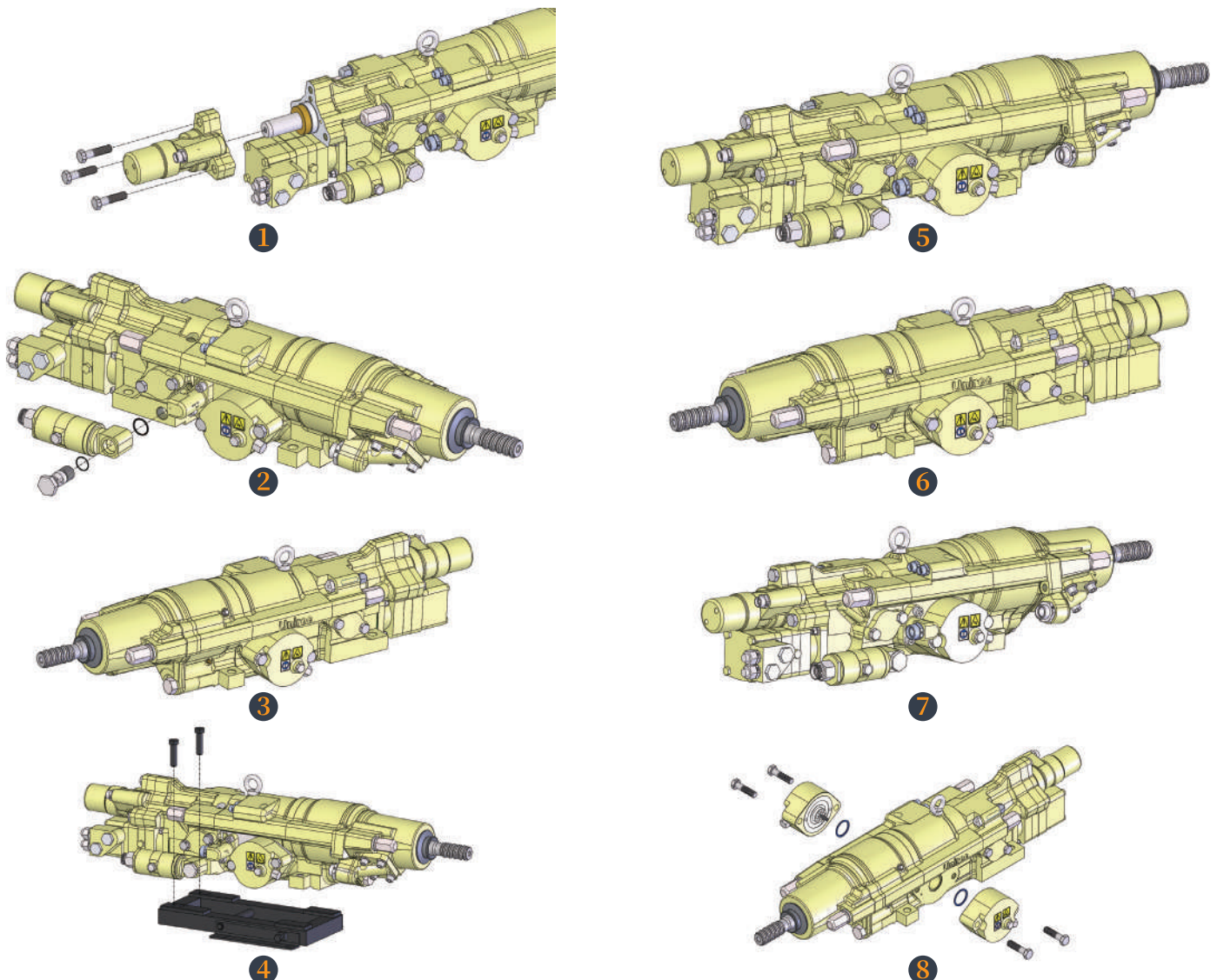


Scope of application

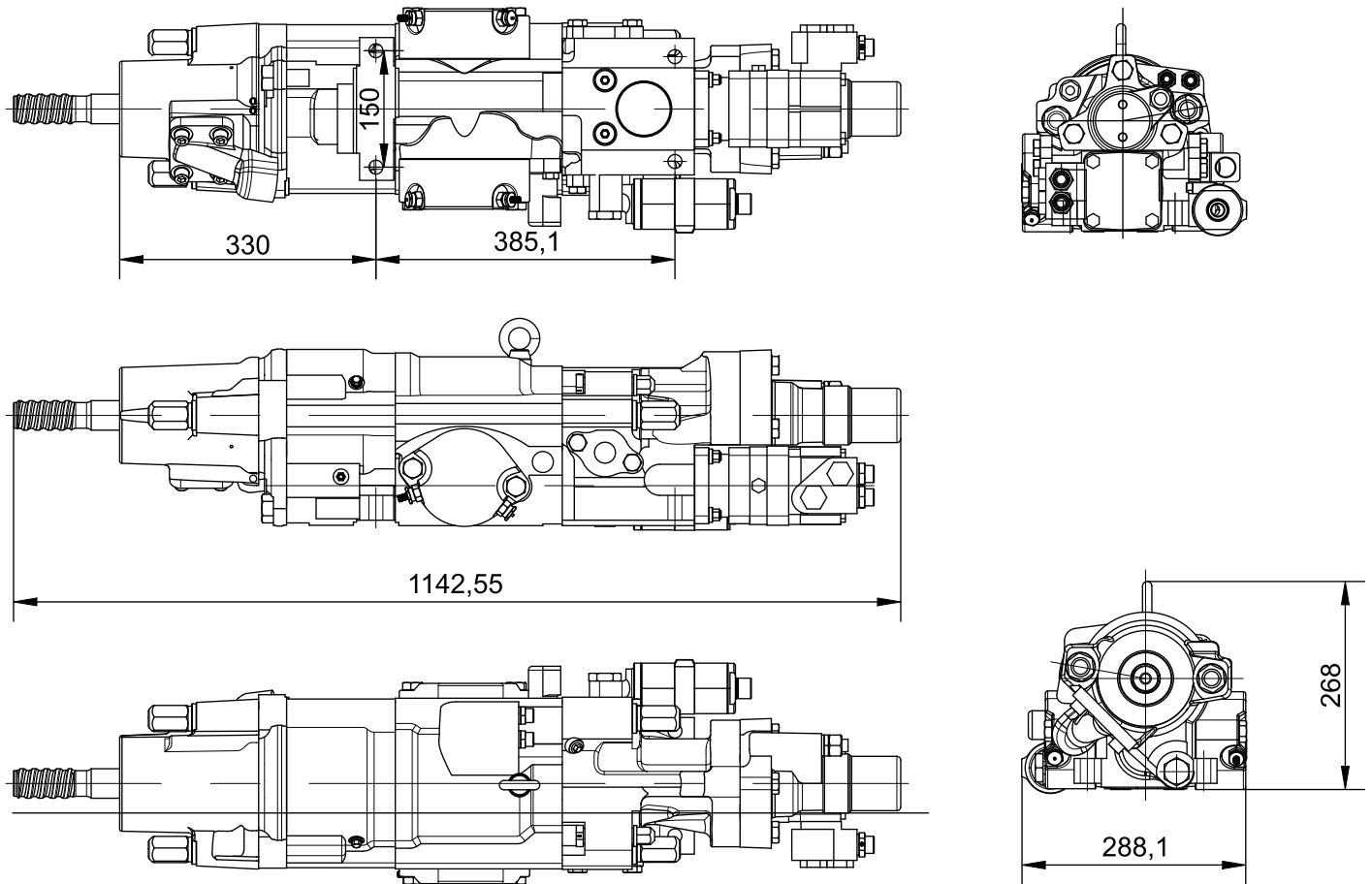
Hydraulic rock drill, as one of the important engineering equipment, is indispensable in the engineering construction in the field of mining, highway, hydropower, railway, construction, etc. It is a tool used to directly mine the stone, which drills out the holes on the rock layer so as to put in the explosives to explode the rock, thus completing the mining of the stone or other stone works. In addition, rock drills can also be converted into breakers to break up hard layers such as concrete.

Main features

- > **High efficacy:** more reasonable energy utilization, faster rock drilling speed;
- > **Low maintenance cost:** hydraulic double cushion system and floating brazing tail reduce the cost of drilling tools; parts are easy to replace and repair, reducing maintenance costs;
- > **High reliability:** low failure rate, impact time up to 1200 hours;
- > **High adaptability:** suitable for all kinds of underground mining and tunneling operations to meet the needs of different working conditions.



Measurements



Technical parameters

Structural parameters		Impact performance parameters		Rotating performance parameters	
Overall dimensions (without brazing tails)	1008×251×223mm	Maximum impulse power	18kW	Displacement	160CC
Weight	170kg	Maximum input power	31kW	Speed range	0-215Rpm
Centre height	88mm	Maximum working pressure	230Bar	Maximum torque	1000Nm
Shank	T38	Impact frequency	60Hz	Maximum working pressure	210Bar
Drill hole diameter	38-89mm	Hydraulic oil flow rate	75-92L/min	Flow	75L/min
		Impact energy	300J		
Inflation parameters		Buffer parameters			
High pressure accumulator nitrogen charging pressure	95Bar	Buffer oil inlet flow rate	8L/min		
Low pressure accumulator nitrogen charging pressure	25Bar	Buffer pressure (no-load)	35Bar		
		Buffer pressure (rock drilling conditions)	40-120Bar		
Other parameters					
Water pressure	25Bar				
Volume of water flow	40-120L/min (Specific water requirements are related to drill bit, hole size, rock hardness)				
Lubricating Aerosol Pressure	2Bar				
Aerosol lubrication compressed air flow rate	5L/s				