



C 100

Versatile and efficient

C SERIES™

CHASSIS TYPE



RUBBER WHEEL



CRAWLER



SKID FRAME



WHEELED



CSK ALTERNATİF MAKİNA SANAYİ TİCARET A.Ş.

SERIES™

CSK SONDAJ Madencilik ve Mühendislik Ltd. Şti.

Technical specifications

Drilling Capacity*		Metric	US
Drilling Capacity AW 1.5 M Drill Rod*		120 m (Max)	400 ft (Max)
Rotation Unit		Metric	US
Spindle Inner Diameter		50 mm	1.96"
Chuck Axial Holding Force		30 kN	6 600 lbf
Speed Range		550 - 2 200 rpm	
Maximum Torque		260 Nm	192 lbf
Rod Holder		Metric	US
Maximum Rod Size		52 mm	20.5"
Holding Force		12 kN	2 700 lbf
Feed Frame		Metric	US
Feed Force		20 kN	4 500 lbf
Pull Force		15 kN	3 400 lbf
Rod Running - Out		0.8 m/s	2.6 ft/s
Rod Running - in		1 m/s	3.3 ft/s
Feed Length		1 510 mm	59"
Feed Stroke		850 mm	33.5"
Power Unit		Metric	US
Motor		15-22 kW	20.11 - 29.5 hp
Main Pump			
Flow		45 l/m	12 gals per min
Pressure		210-260 bar	3 045-3 770 psi
Service Pump			
Flow		9 l/m	2.3 gals per min
Pressure		200 bar	2 900 psi
Auxiliary Pump**			
Flow		28,5 l/m	7.5 gals per min
Pressure		200 bar	2 900 psi
CSK-80 Mud Pump**		Metric	US
Flow (Max.)		80 l/min	12 gal per min
Pressure (Max.)		50 bar	725 psi

* CSK cannot guarantee these capacities will be reached in all working conditions due to varying factors such as used, conditions of the ground and differences in operation.
** CSK-80 Mud Pump - Optional Equipment and Accessories



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Core Drilling Rig

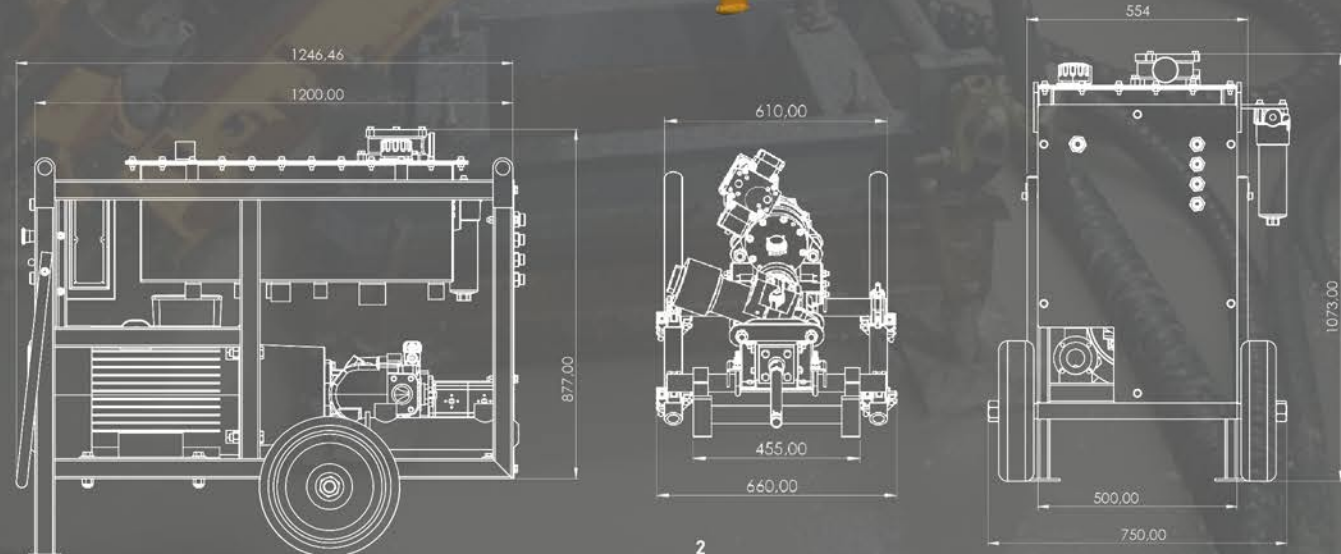
PORTABLE DRILLING RIG Underground

The small, compact design of the C-100 underground core drilling rig for narrow spaces makes it ideal for use in narrow tunnels or in galleries. Quick and easy to set up, the C-100 core drilling rig's mechanized rod handling, hinge-mounted rod holder, and rotation unit mean flexible, efficient drilling. The smallest member of the range is C-100 – a tried and tested rugged model that's ideal for short hole core drilling. The A-size with tools facilitate holes up to 120 m in depth with excellent core quality. The standard skid allows the rig to be moved with a minimum of effort – and without disturbing other operations in the mine.

15-22 kW Electric Motor



- Compact, lightweight design makes the rig easy to move around.
- Mechanized rod handling for efficient drilling.
- Hinge-mounted rod holder and rotation unit for flexibility in narrow spaces.



UNDERGROUND DRILLING MACHINE

PORTABLE DRILLING RIG

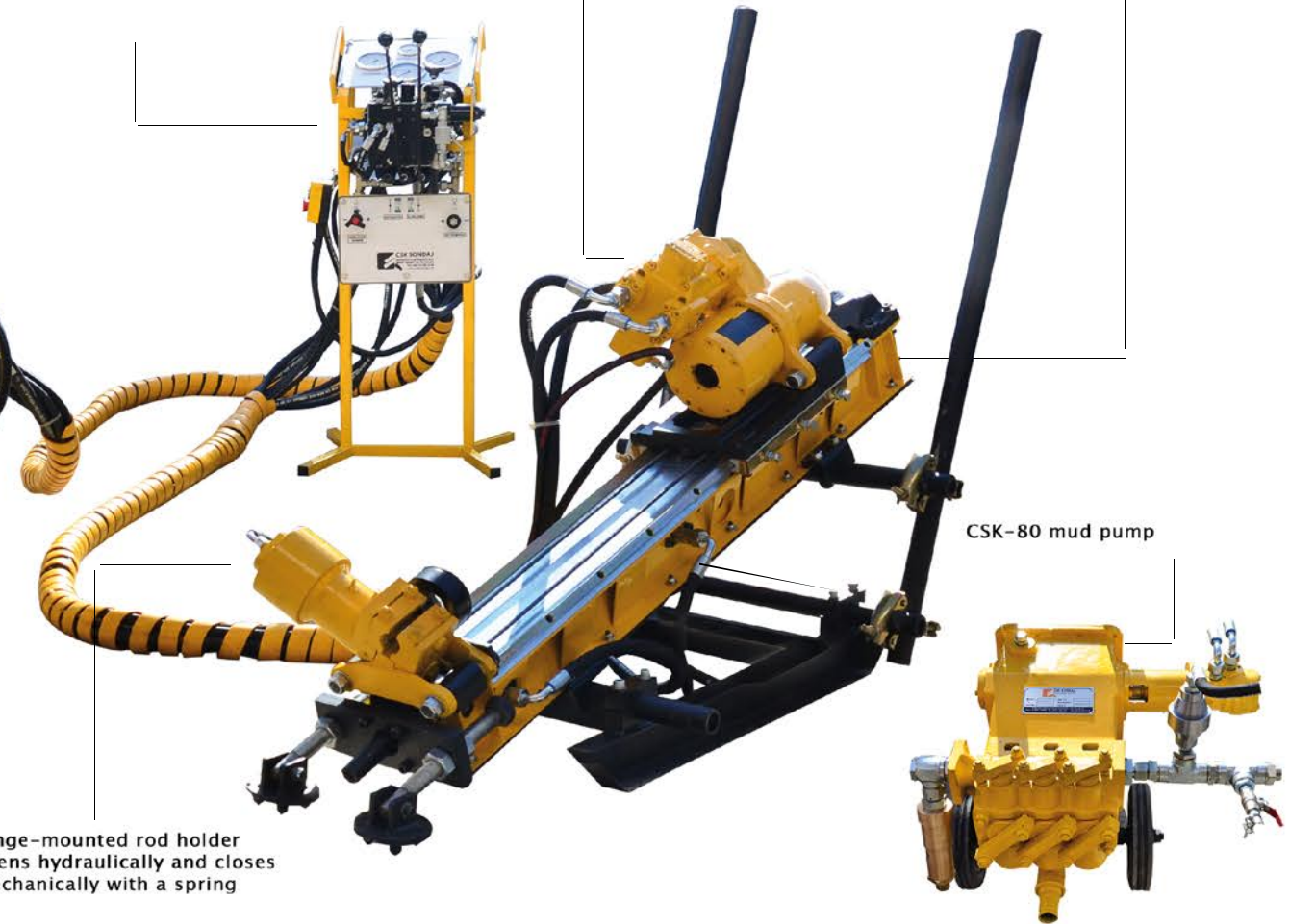


T46 & TT48

The hydraulic chuck on the rotation unit is synchronized with the rod holder

User-friendly operator control unit Weight: 90kg

The feed has a fast rod running speed (1m/sec) for increased productivity



Hinge-mounted rod holder opens hydraulically and closes mechanically with a spring

CSK-80 mud pump

