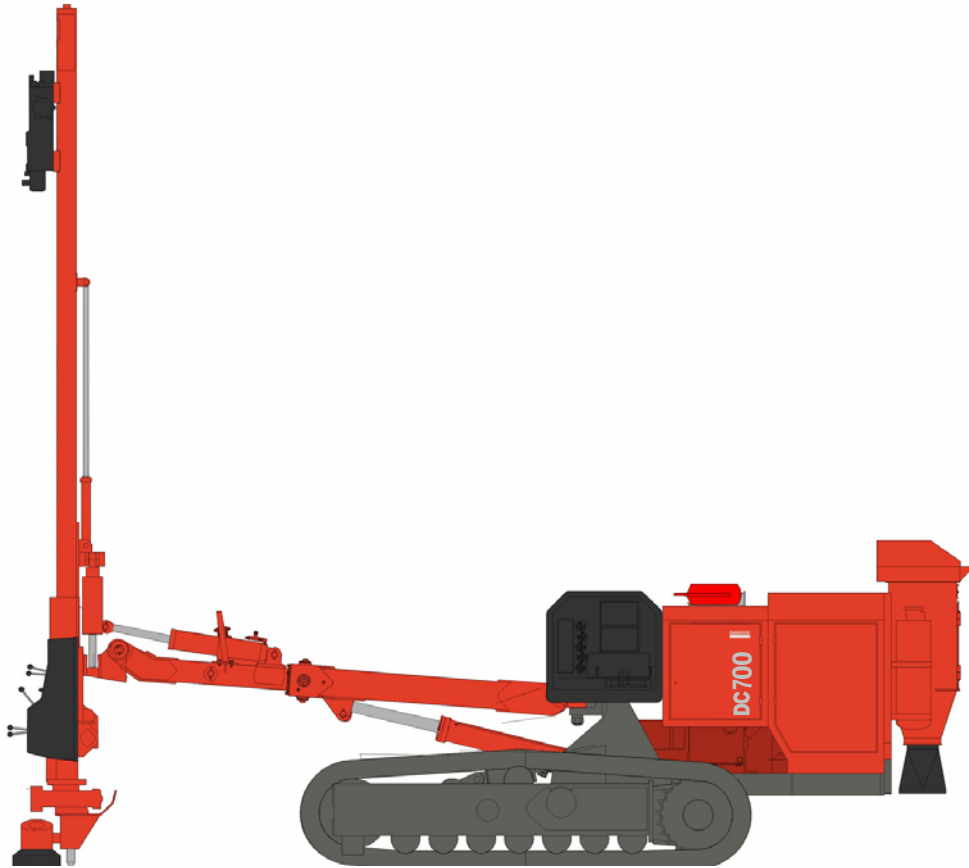




APPLICATION

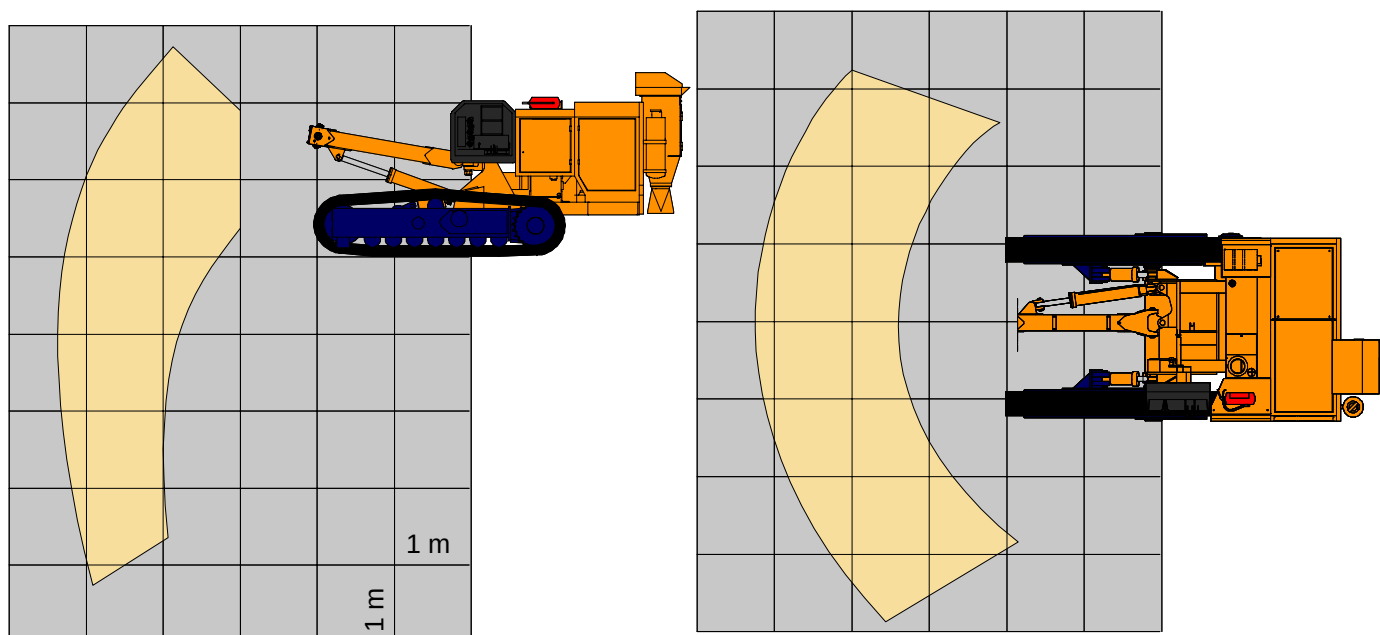
Sandvik DC700 is a hydraulic top hammer crawler drill designed for 64...102 mm (2½...4") diameter blast holes in construction projects using T38, T45 and T51 (1½", 1¾" and 2") extension drill steels.

Sandvik DC700 is a robust drill in construction and therefore very well suited for work in demanding terrain. It is equipped with HL710 hydraulic rock drill, chain feed, rod handling system, telescopic boom and powerpack, all mounted on an oscillating FL6 type undercarriage. The crosswise mounted power pack - engine, air compressor, and hydraulic pumps - is mounted at the rear of the rig to balance the weight of the boom, feed and rock drill. This keeps the body of the drill short and guarantees good stability. Fitted with powerful tramming motors the gradeability of the unit is excellent.

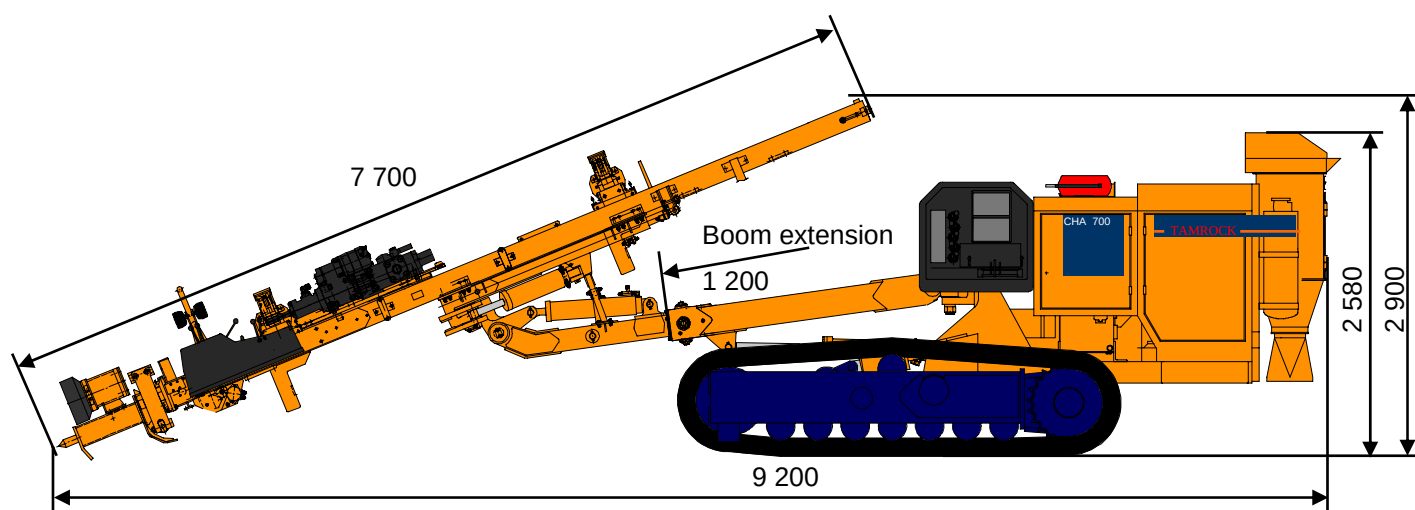
DC700 is powered by Caterpillar diesel engine with low fuel consumption and long service life. The drill is fitted with a complete safety and monitoring system for easy operation and fast maintenance.

All drilling and boom controls based on proven hydraulic components. This straightforward design ensures reliable operation, easy trouble shooting and simple service and maintenance procedures. The optional feed-percussion follow-up in control system ensures maximum penetration rates and rock tool service life in all rock conditions. The cooling system on DC700 is designed for wide temperature range, from the extreme cold in the North to the heat of deserts.

DRILLING COVERAGE



DIMENSIONS



STANDARD COMPONENTS

- | | | |
|-----|---------------------------|--|
| 1. | Rock drill | HL710 |
| 2. | Chain feed | CF145 H12 |
| 3. | Rod handler | RH714 including
1 set of wear parts |
| 4. | Telescopic boom | ZB 700 H |
| 5. | Undercarriage | FL 6, oscillating |
| 6. | Powerpack | Diesel engine, hydraulic
pumps and on-board
compressor |
| 7. | Hydraulic system | Open center and load
sensing |
| 8. | Control system | TDCD, direct hydraulic |
| 9. | Dust collection
system | DC600H, hydraulic with
movable suction head |
| 10. | Pressure gauge
set | For accumulators |
| 11. | Reversing alarm | |
| 12. | Working lights | 5 pcs |
| 13. | Manuals | For operation, maintenance
and spare parts
2 sets of books
2 sets CD-roms (Toolman) |

TRANSPORT DIMENSIONS

Weight (without options)	12 700 kg
Width	2 500 mm
Height	2 900 mm
Total length	9 200 mm

CHOICE OF DRILL STEELS

	Drill rod type	Drill rod diameter	Recommended bit diameter
1	Extension rods	38 mm (T38) 1½"	64...76 mm 2½"...3"
2	MF-rods	38 mm (T38) 1½"	64...76 mm 2½"...3"
3	Extension rods	45 mm (T45) 1¾"	76...89 mm 3"...3½"
4	MF-rods	45 mm (T45) 1¾"	76...89 mm 3"...3½"
5	MF-rods	51 mm (T51) 2"	89...102 mm 3½"...4"

DC700 with hose reel can only be used with 12' rods.
DC700 can be used only with MF-type T51 rods.

SELECTION OF OPTIONS

- | | | | |
|-----|---|-----|---|
| 1. | Hose reel (only for 12' rods) | 16. | Towing hook |
| 2. | Moveable control panel | 17. | Central lubrication system |
| 3. | Mechanical angle indicator MEC Angie | 18. | Feed/rod handler wear part kit for other steels |
| 4. | Spirit level angle indicator | 19. | Sanrock Mini H hydraulic bit grinder |
| 5. | Electric fuel filling pump | 20. | Biograderable hydraulic oil Shell Naturelle
HFE46 |
| 6. | Hydraulic winch (7 tons) | 21. | Additional set of manuals |
| 7. | Control system with feed/percussion follow-up | 22. | First service kit for DC700 |
| 8. | Guides for track chains | 23. | Special tools for HL710, field kit
ID 150 734 88 |
| 9. | Three-bar grouser plates *) | 24. | Special tools for HL710, complete
ID 150 730 78 |
| 10. | Flushing control automatics | 25. | Rotation motor OMT200, rotation speed
0...145 rpm *) |
| 11. | Primary separator PE50 | 26. | Antifreeze for air lines |
| 12. | Shut-down of suction for water holes | | *) Replaces standard component |
| 13. | Water injection system with tank | | |
| 14. | Hydraulic rear jack HM75 | | |
| 15. | Fuel powered coolant heater for engine and
hydraulic oil | | |