

# DRILLEX™

Rock Technologies



**TOP HAMMER  
DRILLING MACHINES**

# SURFACE EQUIPMENT - TOP HAMMER DX120



## FEATURES:

Originated from Sandvik classic drill rig frame structure and system, with telescopic boom and oscillation, DX120 surface top hammer drill rig can be widely used in various mining and construction applications. Equipped rock drill LD120 and drilling control system from Sandvik, together with the mechanical rod changer and anti-jamming design, which makes the rigs efficient and reliable, DX120 is the ideal choice for medium size quarry and surface mining.

## HIGH PRODUCTIVITY:

- Rock drill LD120 from Sandvik guarantees good penetration rate; Telescopic boom provides larger drilling coverage.

## LOWER COST:

- Proved drilling control system with extremely reliable rock drill guarantee the lower cost; Low fuel consumption is achieved by load sensing system and compressor management system.

## EASY MAINTENANCE:

- Gullwing style covers make service much easier.

## SAFETY AND ENVIRONMENT:

- DX120 features with safety devices and dust collection system, to align with the Sandvik "safety first" "environment-friendly" culture.

## Parameter:

- Hole diameter (mm) 76-127
- Boom type Telescopic boom
- Drilling rod T51
- Rod length(mm) 3660
- Rock drill LD120
- Rock drill output (kW) 20
- Engine output(kW)(mm) Cummins164kW@2 200rpm Tier 3
- Air flow & pressure 8.1m<sup>3</sup>/min@10bar
- Dimension ( W x H×L) 2550×3700×11300
- Weight(kg) 16500

## More Info

✉ [info@drillex.co.za](mailto:info@drillex.co.za)

☎ 012 991 1995

# SURFACE EQUIPMENT - TOP HAMMER DX120H



## FEATURES:

DX120H is a surface top-hammer drilling rig with high efficiency and low fuel consumption. It is equipped with Sandvik rock drill with stable performance and high perforation efficiency. It uses CMS air compressor management system and drilling control system to greatly reduce fuel consumption. The telescopic boom equipped with the DX120H can increase the drilling area while improving safety, thereby achieving rapid positioning. It is an ideal choice for various types of constructions and mining drilling operations.

## HIGH INTEGRATED EFFICIENCY:

- The reliable drilling performance and convenient maintenance of Sandvik rock drill.

## LOW OPERATION COST:

- Low operating cost- Advanced drilling control system ensures drilling quality.
- Load sensitive hydraulic system and air compressor management system greatly reduce fuel consumption.

## SAFETY AND ENVIRONMENT PROTECTION:

- Safety and environmental protection- the design concept of "SAFETY FIRST" and "ENVIRONMENTAL PROTECTION" ensures the construction of green mines.

## Parameter:

- Hole diameter (mm) 76-127
- Boom type Telescopic boom
- Drilling rod T51
- Rod length(mm) 3660
- Rock drill LD120H
- Rock drill output (kW) 22
- Engine output(kW) Cummins 177kW@2200rpm
- Air flow & pressure 8.1m<sup>3</sup>@10bar
- Dimension 9,466/11300×3,700×3,400
- Weight(kg) 16500

## More Info

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# SURFACE EQUIPMENT - TOP HAMMER DX120F



## FEATURES:

DX120F surface top hammer drill rigs are the highly functional, robust equipment you need to meet your ever-increasing productivity targets. The drill rigs are equipped reliable Sandvik rock drill: LD120, 20kW or LD120H, 22kW delivering top quality drilling performance even in difficult rock conditions. The rock drilling machine has a strong and modular structure which is more convenient for maintenance.

## PROVEN PRODUCTION WITH SHORT PAYBACK TIME:

- DX120F are engineered especially for civil construction projects, site preparation, wall control and pipeline drilling, as well as production drilling in medium-sized quarries. Equipped with our efficient and reliable Sandvik rock drills, the rigs deliver top quality drilling performance even in difficult rock conditions.
- DX120F surface drill rig is equipped with super fast THC and Rock Pilot drilling control system to ensure straighter hole

## LOWER FUEL CONSUMPTION, BETTER STABILITY:

- ST-series can save you 17% in fuel consumption. Thanks to their robust structure and low center of gravity, ST-series rigs offer excellent stability and balance as well as smooth tramming even in uneven terrain.

## SAFETY AND EASE OF MAINTENANCE:

- Safety is our top priority at Drillex. DX-series rigs feature several functions that improve operator and personnel safety during drilling, tramming and maintenance operations. Visibility to the drilling area is excellent thanks to the large, safety-laminated windows and powerful working lights. All daily and weekly maintenance points are safely accessible from ground level, and the conventional engine is designed for easy maintenance. We also offer preplanned service, tools and training that will help you further improve productivity and protect your business from unexpected risks.

## Parameter:

- Hole diameter (mm) 76-127
- Boom type Folding boom
- Drilling rod T51
- Rod length(mm) 3660
- Rock drill LD120
- Rock drill output (kW) 20kW (22kW)
- Engine output(kW) Cummins 177kW@2200rpm
- Air flow & pressure 8.1m<sup>3</sup>@10bar(9.6m<sup>3</sup>@10bar)
- Dimension 9,466/11300×3,700×3,400
- Weight(kg) 16500

More Info

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