

# FOX 8-20

HYDRAULIC CRAWLER DRILL



WOLF®





# FOX - 8-20

## The perfect choice for demanding operations and extraordinary results!

The FOX 8-20 is the best choice in rock drilling equipment, suitable for quarries, open-pit mining, construction companies, drilling service providers, and many other applications. This machine delivers high productivity with low operating costs and features 100% national technology.

Developed and designed by WOLF, it is fully hydraulic, requires only one operator, and allows drilling diameters ranging from 2.1/2" to 3.1/2" (64 to 89 mm) using the W19 Top Hammer system.

### FOX 8-20

- Lowest Operating Cost in its Category;
- Simple Operation and Maintenance;
- Reduced Diesel Consumption;
- Reduced Labor Requirements;
- Worldwide Dealer Network Providing Assistance and After-Sales Support.







SINCE  
1974



# The Equipment

The FOX 8-20 is the best choice for rock drilling equipment, suitable for Quarries, Open-Pit Mining, Construction Companies, and Drilling Service Providers, among many other applications. This equipment delivers high productivity with low operational costs and features national technology.

Developed and designed by WOLF, it is fully hydraulic, requires only a single operator, and allows drilling with diameters ranging from 2.1/2" to 3.1/2" (64 to 89 mm) using the W19 Top Hammer system.



**Digital Panel with Interactive Display:** Features indicators for pressure, flow rate, temperatures, and operations, allowing function adjustments.

**Digital Inclinometer:** Integrated into the display functions.

**Digital Depth Gauge (Optional):** A sensor that indicates the hole depth to the operator.

**Lowest Diesel Consumption in its Category:** Diesel consumption of 13 to 15 liters per hour, depending on drilling diameter, rock type, and conditions, along with reduced pollutant emissions (compliant with TIER 3 standards).

**High Performance:** Average production of 28 - 52 linear meters per hour, depending on drilling diameter, rock type, and conditions.

**Mobility / Stability:** Designed with hydraulic planetary reducers, making it self-sufficient for movement, delivering high torque and excellent uphill performance.

**Rod Changer:** Enables rod swapping, reducing changeover time and increasing the lifespan of drilling materials, minimizing wear.

**Reduced Workforce Requirement:** Requires only one operator, eliminating the need for an assistant.



## WOLF CARE+ You produce, we take care of everything!

**Preventive Monitoring Program:** Based on the factory's service intervals to maximize performance and minimize unexpected downtime.

**Preventive Visits:** WOLF Care+ reduces the risk of unexpected breakdowns, increasing your equipment's availability. Our technicians are highly skilled at performing the necessary inspections, ensuring the best performance from your WOLF Drill Rig.

**P.M.P. - Preventive Maintenance Program:** Scheduled maintenance carried out in strict accordance with the PMP, developed by our team of technicians and engineers. (Excluding wear parts and lubricants)



# Technical Specifications

## DIESEL ENGINE

Power: 130 HP (97 kW)  
Max Torque: 619.6N.m/1,500 rpm  
Operational RPM: 1.000 – 1.700 rpm  
Diesel Tank Capacity: 210 lt

## ROD CHANGER

Carousel Type with 3.66 m (12') Rods  
Capacity: 6+1 Rods  
Rod Greaser

## BOOM

Length: 7 meters  
Effective Length: 4.5 meters

## HYDRAULIC CABLE ADVANCE

Planetary Reduction System

## TRACTION

Maximum Speed: 3.1 km/h  
Traction Force: 43.7 kN  
Climbing Ramp: 42%  
Truck Oscillation: +/- 12°

## COMPRESSOR UNIT

Screw Type  
Flow: 195 CFM / PCM (92 l/s)  
Pressure: 101 - 150 PSI (7 – 9 bar)

## DUST COLLECTOR (optional)

Primary Type: Cyclone / Secondary: 4 filters  
Suction Capacity: 35m<sup>3</sup>/min (882 CFM)

## CLEANING SYSTEM

Water Cleaning  
Tank Capacity: 150 liters (33 gal)

Note: The FOX equipment series is equipped with a Dust Collector and/or Water Cleaning system to meet the requirements of the Mining Regulatory Standards (NRM), as outlined in Decree-Law No. 227 of 02/28/1967. Specifically, NRM 09 - Items 9.1.3.1 and 9.1.3.2.



## OPTIONAL ITEMS

Side Operating Platform  
Platform with Safety Railing  
Dust Collector (Primary and Secondary)  
Depth Meter  
Night Lights (Additional 4 headlights)  
Mechanical Inclinator for Chassis  
Lifting Eye  
Sound Kit (Horn + Siren)  
Sunshade Support (Includes sunshade)  
180° Boom Rotation  
Water Tank  
NR13 Certified Water Tank  
Nitrogen Charger  
Rearview Mirror  
Grinder  
Emergency Button (Installed on Boom)

## 8-20C

STANDARD  
OPTIONAL  
UNAVAILABLE  
OPTIONAL  
STANDARD  
OPTIONAL  
OPTIONAL  
STANDARD  
OPTIONAL  
UNAVAILABLE  
STANDARD  
OPTIONAL  
OPTIONAL  
OPTIONAL  
OPTIONAL

## 8-20B

STANDARD  
OPTIONAL  
UNAVAILABLE  
OPTIONAL  
STANDARD  
OPTIONAL  
OPTIONAL  
STANDARD  
OPTIONAL  
UNAVAILABLE  
STANDARD  
OPTIONAL  
OPTIONAL  
OPTIONAL  
OPTIONAL

## 8-20CCP

STANDARD  
OPTIONAL  
STANDARD  
OPTIONAL  
STANDARD  
OPTIONAL  
OPTIONAL  
STANDARD  
OPTIONAL  
UNAVAILABLE  
STANDARD  
OPTIONAL  
OPTIONAL  
OPTIONAL  
OPTIONAL

## HYDRAULIC HAMMER: W19

Working Pressure: 140 bar (2,030 PSI)  
Impact Power: 19 kW (26 hp)  
Impact Frequency: 2.600 BPM  
Weight: 237 kg  
Rotational Torque: 750 Nm (533 lbf/ft)

Thread Type: T38 / T45  
Drilling Diameter: 2.1/2" - 3.1/2"  
Magazine / Rod Quantity: Carousel 6 + 1  
Rod Length: 3.6m (12")





# Technical Delivery

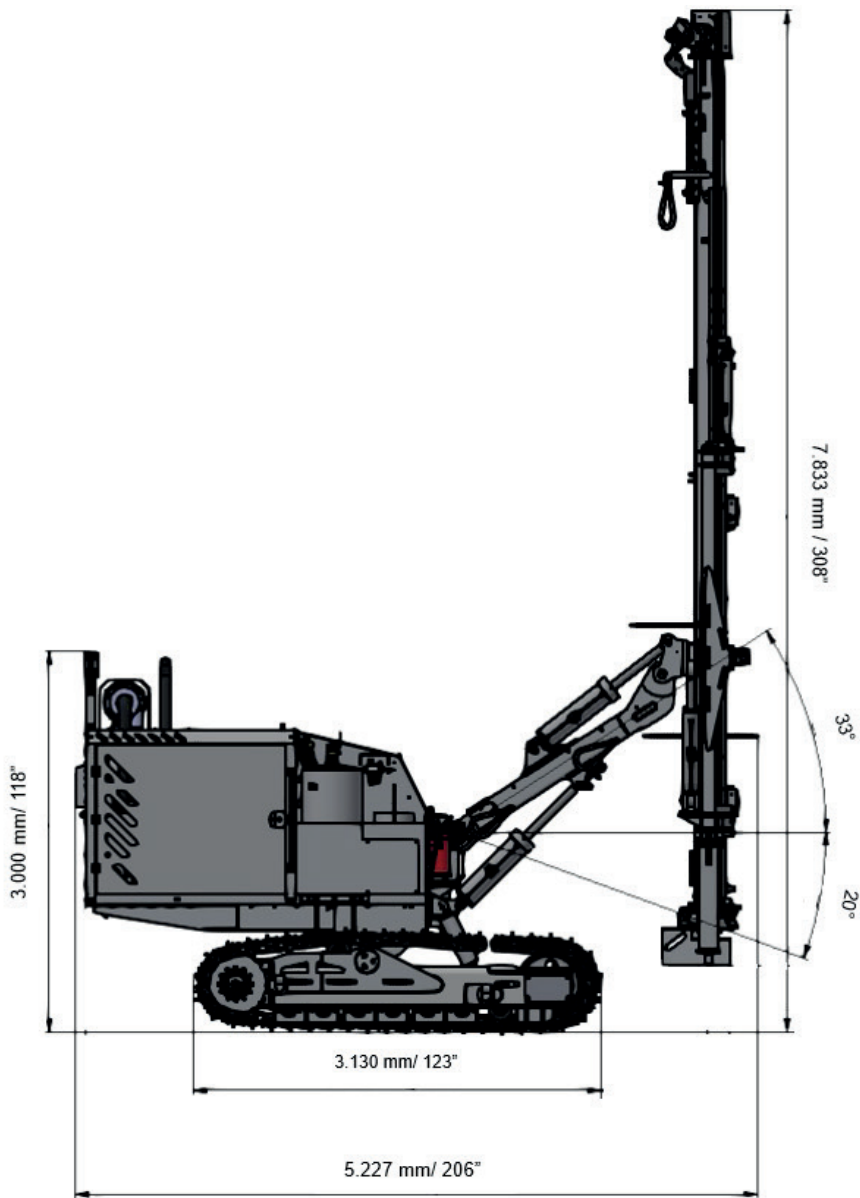
The technical delivery of the equipment is carried out in the field and consists of:

- General presentation of the equipment and main components;
- Procedures for initial daily operation;
- General checks (water and lubricant levels, pressure adjustments, hammer calibration);
- Preventive maintenance of the equipment;
- Practical operational training.

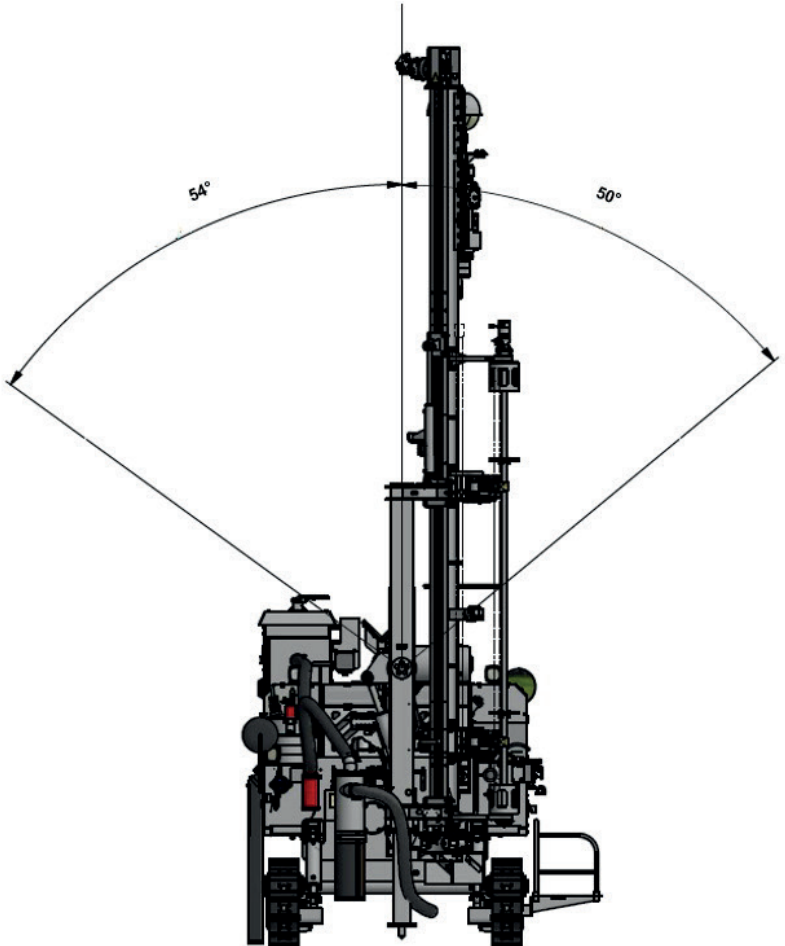
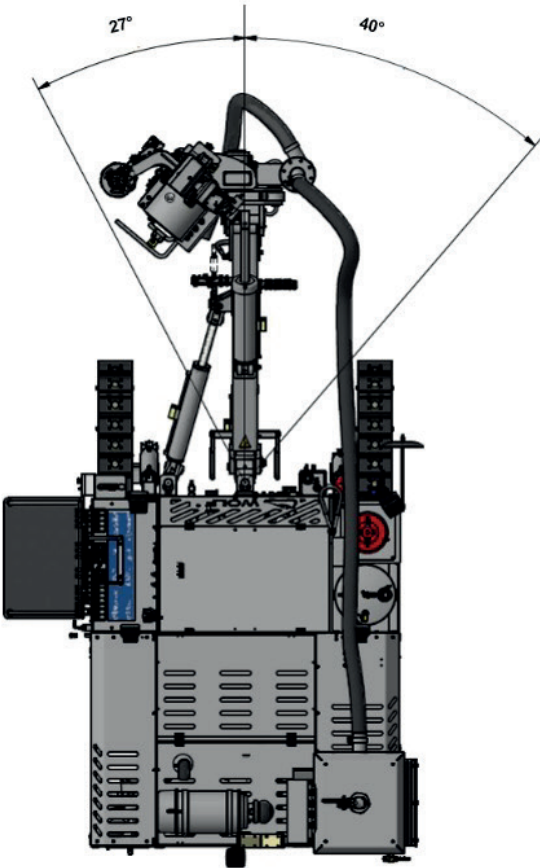
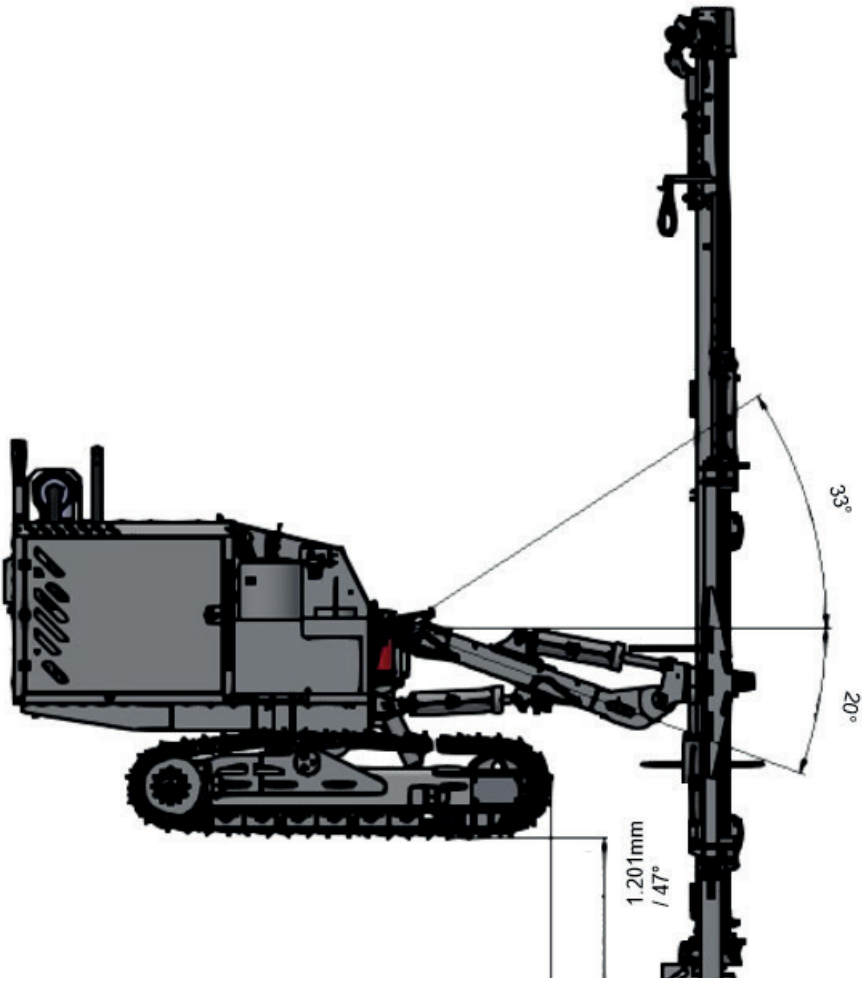
# Dimensions

TRANSPORT

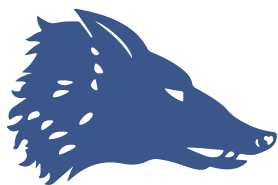
Length: 7.700 mm	Width: 2.600 mm	Height: 3.250 mm	Weight: 9.000 Kg
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# WOLF<sup>®</sup>

**Matriz – Fábrica (Indaiatuba/SP – Brasil)**

**+ 55 (19) 3825-6530**

**info@wolf.com.br**

**www.wolf.com.br**

## BRANCHES

**WOLF – Minas Gerais**

**(Belo Horizonte/MG)**

**Atuação: MG**

**+ 55 (31) 3361-0648**

**mg@wolf.com.br**

**WOLF – Mato Grosso**

**(Nobres – MT)**

**Atuação: MT**

**+ 55 (65) 99973-0565**

**info@wolf.com.br**

**WOLF – Paraná**

**(Colombo/PR)**

**Atuação: PR / SC**

**+ 55 (41) 3656-3572**

**parana@wolf.com.br**

**WOLF – Rio Grande do Sul**

**(Porto Alegre/RS)**

**Atuação: RS**

**+ 55 (51) 3059-9023**

**rs@wolf.com.br**

**WOLF Américas**

**Estados Unidos (U.S)**

**+ 1 (407) 704-2051**

**info@wolfdrill.com**

**www.wolfdrill.com**

**WOLF – Nordeste**

**(Salvador/BA)**

**Atuação: BA/SE/PE/AL/PB/RN**

**+ 55 (71) 3379-6959**

**bahia@wolf.com.br**