

FOX 8-30

HYDRAULIC CRAWLER DRILL



WOLF®



FOX - 8-30

The perfect choice for demanding operations and extraordinary results!

The FOX series of Hydraulic Drilling Rigs is an excellent option for rock drilling equipment that can be used in Quarries, Open-Pit Mines, Construction Companies, and Drilling Service Providers, among others. This equipment offers high productivity with low operational costs and features 100% National technology.

The FOX 8-30, developed and designed by WOLF, is fully hydraulic and requires only a single operator.

The equipment allows drilling with diameters ranging from 2 1/2" to 3 1/2" (64 to 89 mm) using the W19 Surface Hammer system.

Self-sufficient, the FOX 8-30 is equipped with a Cummins QSB4.5 TIER 3 series 4-cylinder Electronic Diesel Engine, water-cooled.

FOX 8-30

- **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

A FOX 8-30 pode vir equipada com Cabine Standard ou como opcional Cabine com certificação “ROPS / FOPS” seguindo as Normas Internacionais ISO 3449 e ISO 3471, Ergonômicas e com Ar-condicionado, com excelente conforto operacional.

No interior da cabine, encontram-se todos os comandos que facilitam a operação e dão maior eficiência e segurança durante a locomoção e perfuração. O operador tem um excelente ângulo de visão do emboque da mina no momento da perfuração.



Choose ultimate comfort and maximum safety.

- **Digital Panel with Interactive Display:** Features pressure, flow, temperature, and operation indicators, allowing function adjustments. This Digital Display also provides OPERATOR ALERTS, indicating when the equipment is approaching or due for PREVENTIVE MAINTENANCE, and suggesting POSSIBLE SOLUTIONS FOR IDENTIFIED ISSUES.
- **Digital Inclinator:** Integrated into the display functions.
- **Digital Depth Meter (Optional):** A sensor that informs the operator of the hole depth.
- **Lowest Diesel Consumption in Its Category:** Diesel consumption ranges from 15 to 17 liters per hour, depending on drilling diameter, rock type, and conditions, with reduced pollutant emissions (compliant with TIER 3 category regulations).
- **High Performance:** Average production of 28 - 52 linear meters per hour, depending on drilling diameter, rock type, and conditions.
- **Mobility / Stability:** The equipment is designed with hydraulic planetary reducers, making it self-sufficient for movement, delivering high torque and excellent uphill performance.
- **Rod Changer:** Alternating system reduces rod change time, extends the lifespan of drilling materials, and minimizes wear.
- **Reduced Labor Requirements:** 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

Comprimento: 7 metros
Comprimento útil: 4,5 metros

HYDRAULIC CABLE ADVANCE

Planetary Reduction System

TRACTION

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

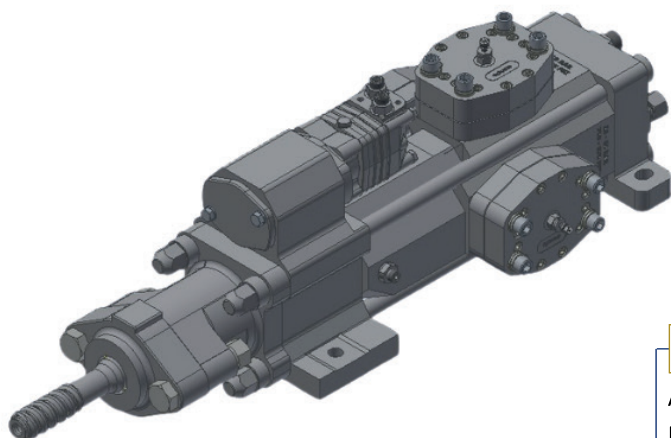
COMPRESSOR UNIT

Screw Type
Flow: 195 CFM / PCM
Pressure: 100 - 150 PSI (7 – 9 bar)

CLEANING SYSTEM

Water Cleaning
Tank Capacity: 150 liters (31 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.



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")

OPTIONAL ITEMS

Anti-Jamming
Night Lights (Additional 4 headlights)
Mechanical Inclinator for Chassis
Sound Kit (Horn + Siren)
Water Tank
NR13 Certified Water Tank
Nitrogen Charger
Rearview Mirror
Grinder
Emergency Button (Installed on Boom)
Cabin with ROPS and FOPS Certified Air Conditioning
Depth Meter

8-30

STANDARD
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Technical Delivery

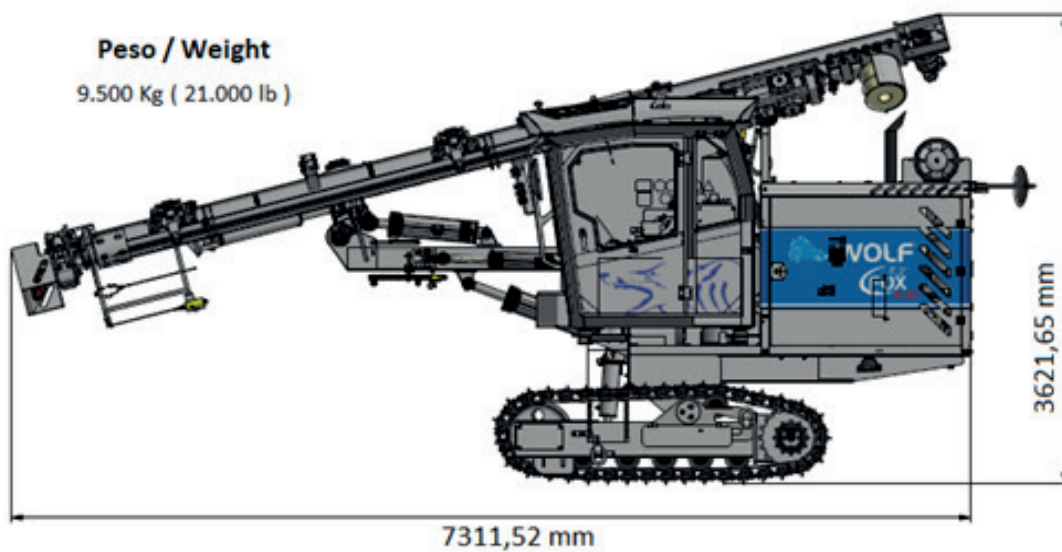
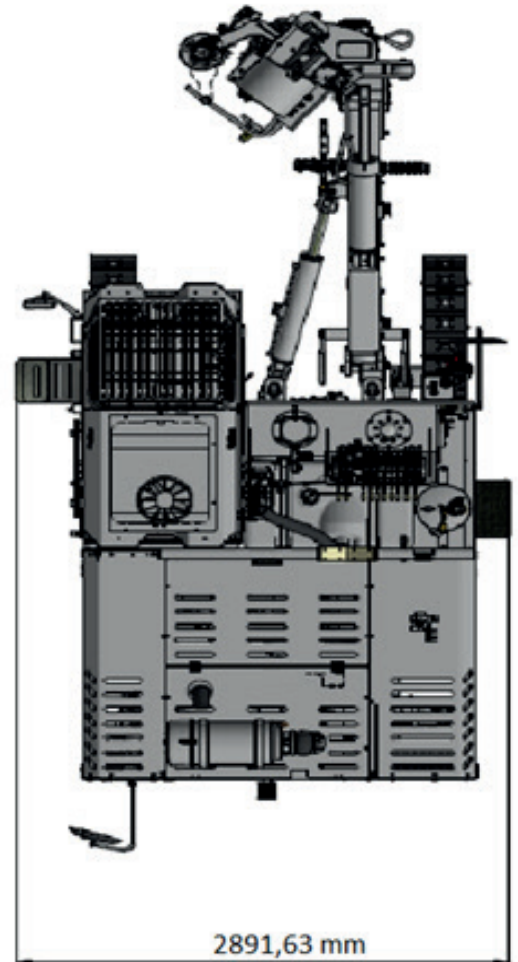
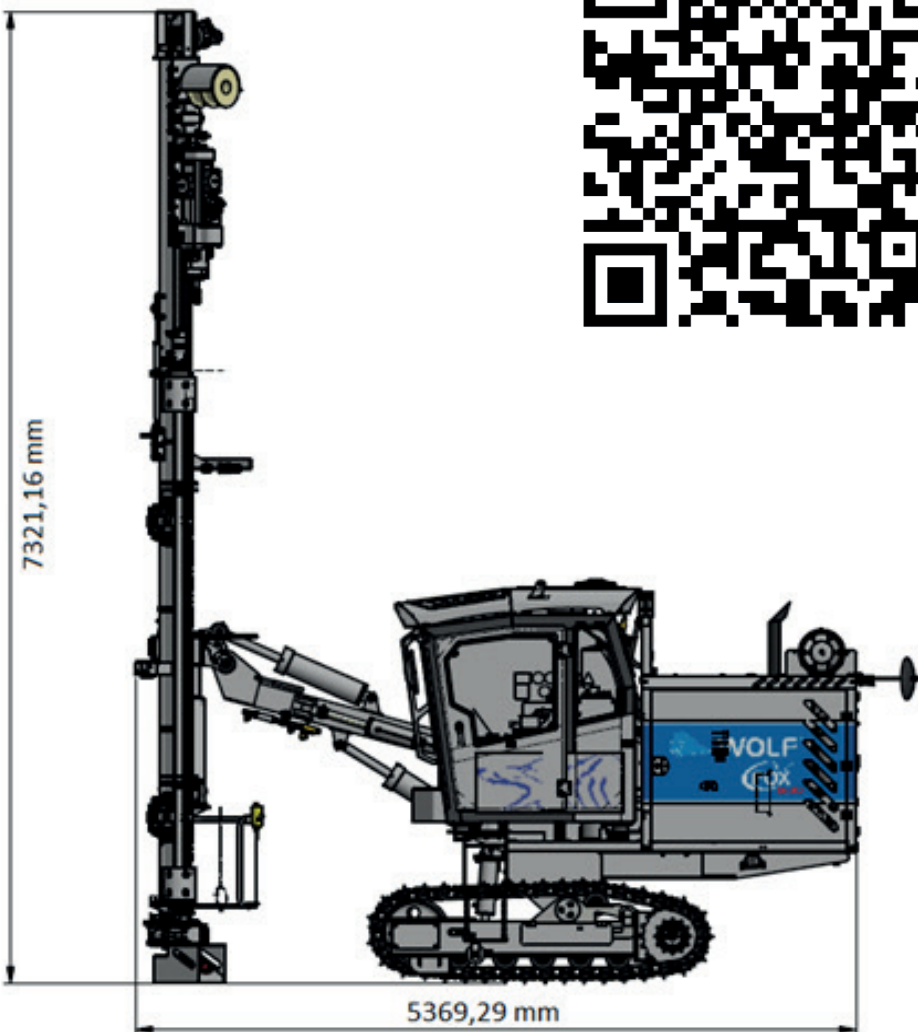
The technical delivery of the equipment is carried out in the field and consists of:

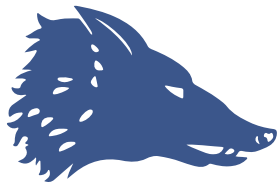
- General presentation of the equipment and main components;
- Procedures for initial daily operation;
- General checks (water and lubricant levels, pressure adjustments, hammer calibration);
- Preventive maintenance of the equipment;
- Practical operational training.

TRANSPORT			
Length: 7.312 mm	Width: 2.892 mm	Height: 3.622 mm	Weight: 9.500 Kg



Dimensions





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