



# WOLF<sup>®</sup>

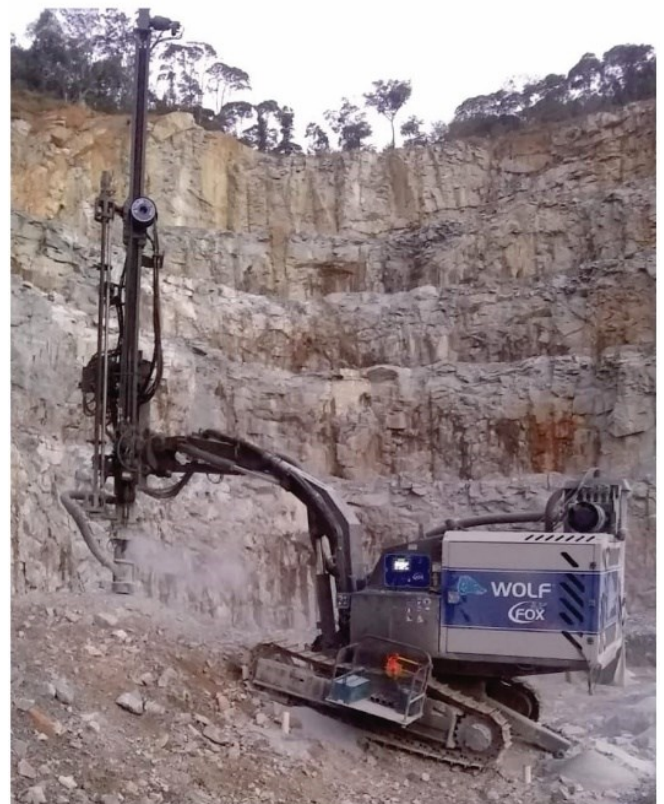
## Hydraulic Crawler Drill with Articulated Boom



- ▶ Hydraulic drill, equipped with articulated/extendable arm, optimizes drilling with fewer maneuvers and greater reach. Ideal for application in Quarries, Mining, Construction and others. Equipment with high productivity and low operating cost.
- ▶ Drilling with diameters between 2.1/2" to 3.1/2" (64 - 89 mm), through the Hydraulic Surface Hammer system model W 19.

#### **Advantages of the equipment**

- ▶ **Operation via Radio Control and/or manual: bringing safety to the operator and facilitating positioning during drilling.**
- ▶ **Digital Panel with Interactive Display: with pressure, flow, temperatures and operations indicators, allowing monitoring during operation.**
- ▶ **The Digital Inclinometer: is incorporated in the functions of this display, with precise angulation of the boom for drilling (X and Y axes).**
- ▶ **Equipped with Intelligent Stabilizer (Patola): located on the chassis, used to maintain proper positioning during drilling, it automatically retracts when the traction is activated.**
- ▶ **Lowest Diesel Consumption in the Category: diesel consumption of 13 to 15 liters per hour, depending on the drilling diameter, the type and conditions of rock, in addition to a reduction in the emission of pollutants.**
- ▶ **High Yield: average production of 30 linear meters per hour, depending on the drilling diameter, the type and conditions of rock.**
- ▶ **Articulating Arm: greater reach in drilling positions, without the need to move the equipment.**
- ▶ **Operational and Maintenance Simplicity.**
- ▶ **Automatic Drilling: with a single button press, the equipment starts drilling. In case of preference for manual operation, it can be done through the command.**
- ▶ **Rod Changer: semi-automatic, considerably reducing the changeover time.**
- ▶ **Drilling Adjustments: the working pressure adjustments are made interactively through the equipment's display screen.**
- ▶ **Automatic Chassis Alignment (Optional): automatically corrects the equipment's unevenness in relation to the ground.**
- ▶ **Reduction of Manpower: requires 01 operator, dispensing with an assistant.**



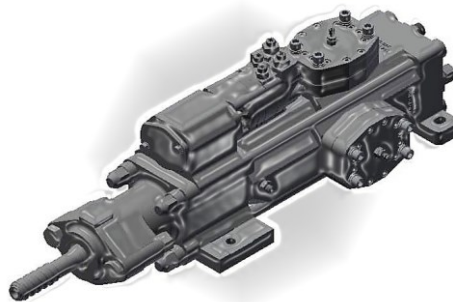


## Technical Data

<b>Motor Diesel</b>		<b>Compressor Unit</b>	
Manufacturer: Cummins Model: QSB 4.5 TIER 3 or TIER 4 Final Cooling: Water Diesel tank capacity: 210 lts / 55 gal		Type: Screw Flow: 195 cfm (5.5 m <sup>3</sup> /min) Pressure: 105 PSI (7 bar)	
<b>Rod Changer</b>		<b>Spear</b>	
Type: Carousel Capacity: 6+1 rod Maximum depth: 25 meters (82') Standard Automatic Shank Greaser		Length: 7 meters (23') Usable length: 4.5 meters (14')	
<b>Traction</b>		<b>Hydraulic Current Advance</b>	
Pulling force: 14,539 Nm Speed control: 100%		System: Planetary Gearbox Automatic feed control: for changing rods	
<b>Cleaning System</b>			
<b>Water Cleaning System (Standard)</b>		<b>Dust Collector (Optional)</b>	
Water tank capacity: 150 liters (33 gal)		Primary / Secondary Cyclone type with 4 Filters Suction capacity of 35m <sup>3</sup> /min	

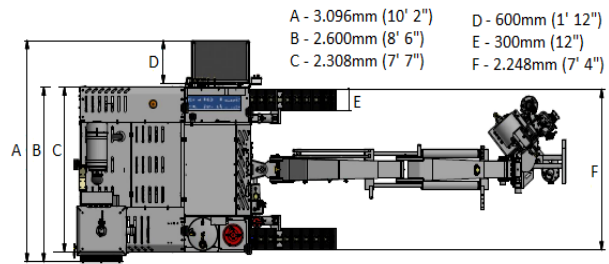
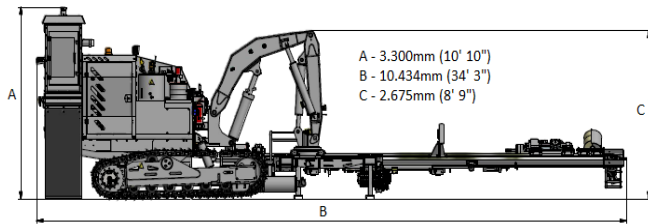


## Technical Specifications - Surface Drill W 19



<b>Work pressure</b>	140bar 2.030 psi)	<b>Impact Power</b>	19 kw (26hp)
<b>Torque Rotation</b>	750 Nm (553lbf/ft)	<b>Impact Frequency</b>	2.600 bpm
<b>Weight</b>	237 Kg (527 lbs)	<b>Rotation</b>	0 – 150 rpm
<b>Thread Type</b>	T38 / T45	<b>Drilling Diameter</b>	2. ½" - 3. ½" (64 mm – 89 mm)

## Dimensions for Transport

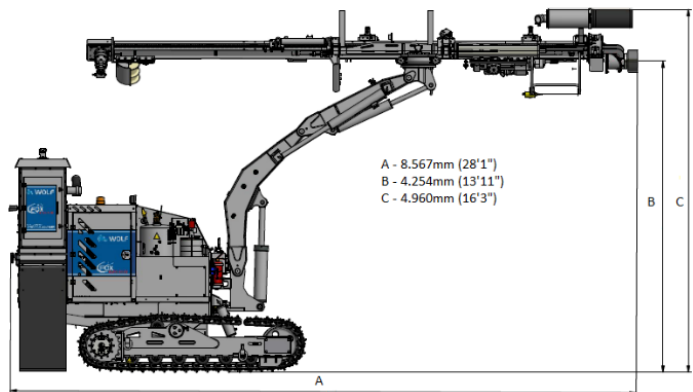
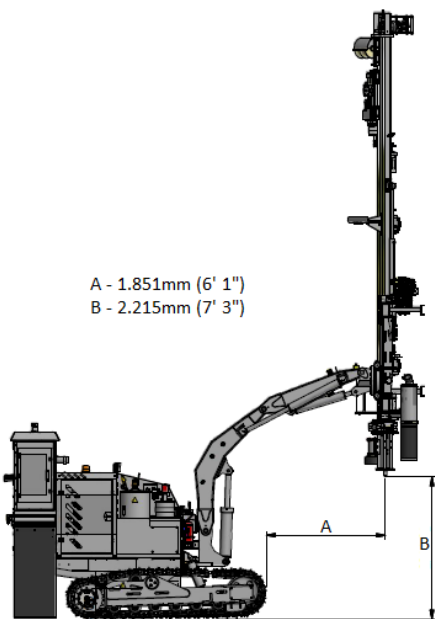
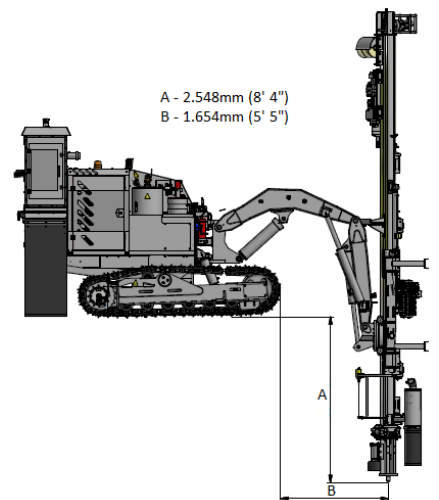
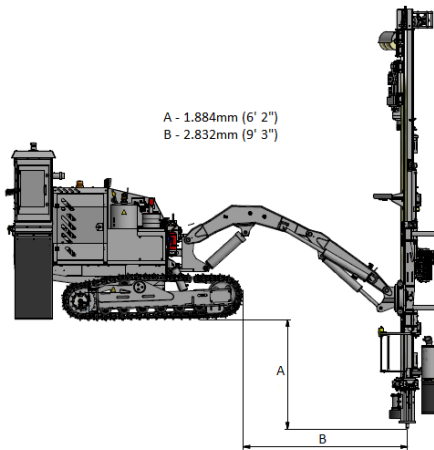
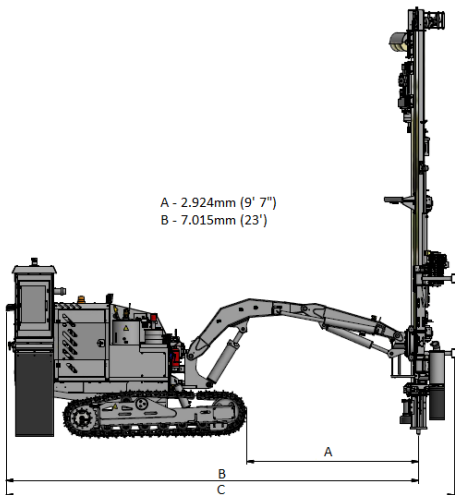
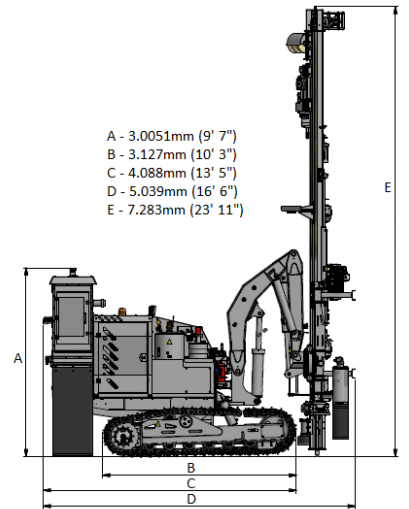
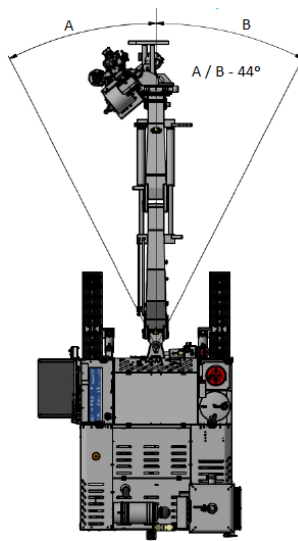
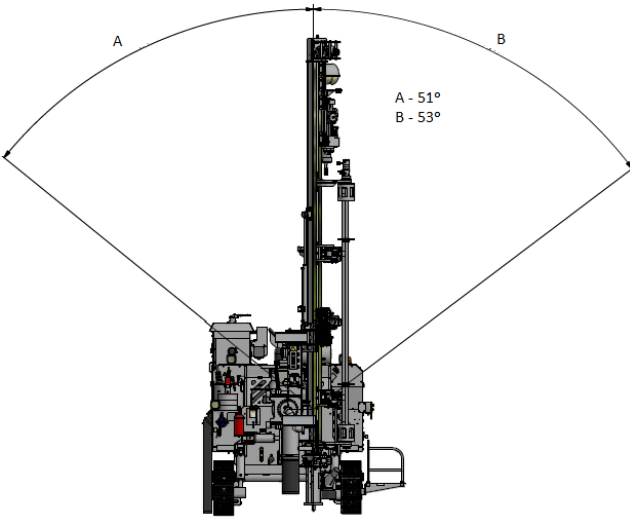


Height	Width	Lenght	Weight
3.300 mm – 10'10"	2.600 mm – 8'6"	10.434 mm – 34'3"	10.290 kgs – 22.686 lbs

SERIAL ITEMS		OPTIONAL ITEMS	
Side Operation Platform	<b>STANDARD</b>	Side Platform with Guardrail	<b>OPTIONAL</b>
Radio control	<b>STANDARD</b>	Dust Collector (Primary and Secondary)	<b>OPTIONAL</b>
Digital Inclinometer with Anti Jamming	<b>STANDARD</b>	Boom Rotation 180°	<b>OPTIONAL</b>
Automatic Rod Changer	<b>STANDARD</b>	parasol with stand	<b>OPTIONAL</b>
rod greaser	<b>STANDARD</b>	Rearview mirrors (Side and Rear)	<b>OPTIONAL</b>
Grease Pump	<b>STANDARD</b>	Depth Gauge	<b>OPTIONAL</b>
Hydraulic Centralizer	<b>STANDARD</b>	Nitrogen Charger	<b>OPTIONAL</b>
Hose Stretcher	<b>STANDARD</b>	Pneumatic Emery	<b>OPTIONAL</b>
Sound Kit (Horn and Reverse Siren)	<b>STANDARD</b>	lifting eye	<b>OPTIONAL</b>
Smart Stabilizer (Patola)	<b>STANDARD</b>		
Night Lights (LED headlights)	<b>STANDARD</b>		
Cleaning with water (Water tank)	<b>STANDARD</b>		



# Drilling Reaches





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