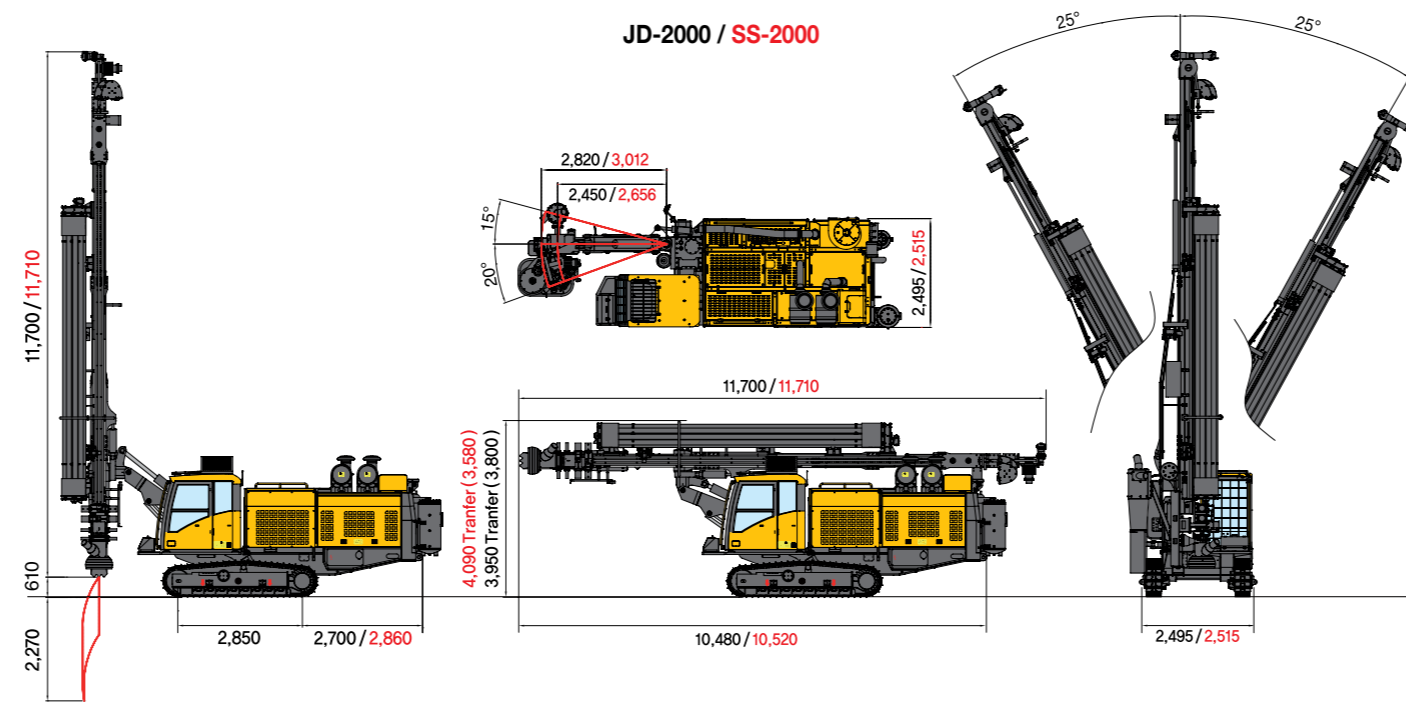




The SOOSAN DTH series provides enhanced hole drilling capability along with affordable operation and maintenance cost.

**DIMENSIONS & WEIGHT / COVERAGE AREAS / FEED SWING ANGLES**



GENERAL SPECIFICATION	JD-2000	SS-2000	JD-2000	SS-2000
<b>DIMENSIONS</b>				
Weight	25,000 kg	27,500 kg		
Length	11,700 mm	11,710 mm		
Width	3,340 mm	3,385 mm		
Width (Transportation)	2,495 mm	2,515 mm		
Height	3,950 mm	4,090 mm		
Height (Transportation)	3,800 mm	3,580 mm		
<b>PERFORMANCE</b>				
Hole range	110 ~ 203 mm			
Hole depth (Tube size ø 89- ø 114)	55.5 m			
Hole depth (Tube size ø 127- ø 140)	31.5 m			
<b>COMPRESSOR</b>				
Two stage screw type				
Airend	PDSK 900			
Working pressure	25 bar			
Air delivery	954 cfm (27 m³ / min)			
Receiver tank capacity	219 liter			
Lubrication oil	1,000 liter			
<b>ENGINE</b>				
Cummins	QSX15 (Tier 3)	X15 (Stage 5)		
Peak torque	2,363 Nm at 1,400 rpm	2,373 Nm at 1,400 rpm		
Rated output	395kw (530hp) at 1,800 rpm	410kw (550hp) at 1,800 rpm		
Fuel tank	1,000 liter			
<b>FEED</b>				
Feed force (Push)	Max. 50 kN			
Feed force (Pull)	Max. 60 kN			
Feed rate	0.9 m/s			
Travel length	7,600 mm	11,710 mm		
Feed extension	1,350 mm			
<b>TRAMMING</b>				
Tramming speed	Max. 3.5 km/h			
Traction force	180 kN			
Track oscillation	±10°			
Ground clearance	385 mm			
<b>HYDRAULIC ROTATION UNIT</b>				
Torque	Max. 4,410 Nm 450 kgf-m			
Rotation speed	68 rpm			
<b>DUST COLLECTOR</b>				
Filter area	32 m²	34 m²		
Number of filter elements	32 ea	12 ea		
Suction capacity	1,270 liter/s	1,350 liter/s		
<b>OIL TANK CAPACITY</b>				
Fuel tank	1,000 liter			
Hydraulic oil	400 liter	350 liter		
Engine oil	40 liter			
Lubrication oil	50 liter	60 liter		
Water tank	180 liter	200 liter		
Compressor oil	60 liter			
<b>STANDARD EQUIPMENT</b>				
Tube handling system • Capacity of 8 tubes • Two speed traction motor				
Dust collector and pre-separator • Retractable suction hood • Heavy duty tracks				
Reduced air pressure for collaring • Air conditioner • Heater				
Service winch • Water mist system • Buffer • Rear outrigger				
Digital angle indicator • Wired / Wireless search Light				
<b>OPTIONAL EQUIPMENT</b>				
Engine pre-heater • Auto grease • 360° around view				
* The above specifications can be changed without prior notice				

**SOOSAN CSM**  
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# SOOSAN

## Down-The-Hole Drill



**SOOSAN CSM**

[www.soosancsm.co.kr](http://www.soosancsm.co.kr)



# SOOSAN DOWN THE HOLE HAMMER DRILL FOR QUARRYING AND MINING

Reliable DTH platform delivers straight and smooth holes at a fraction of the cost of other manufacturers



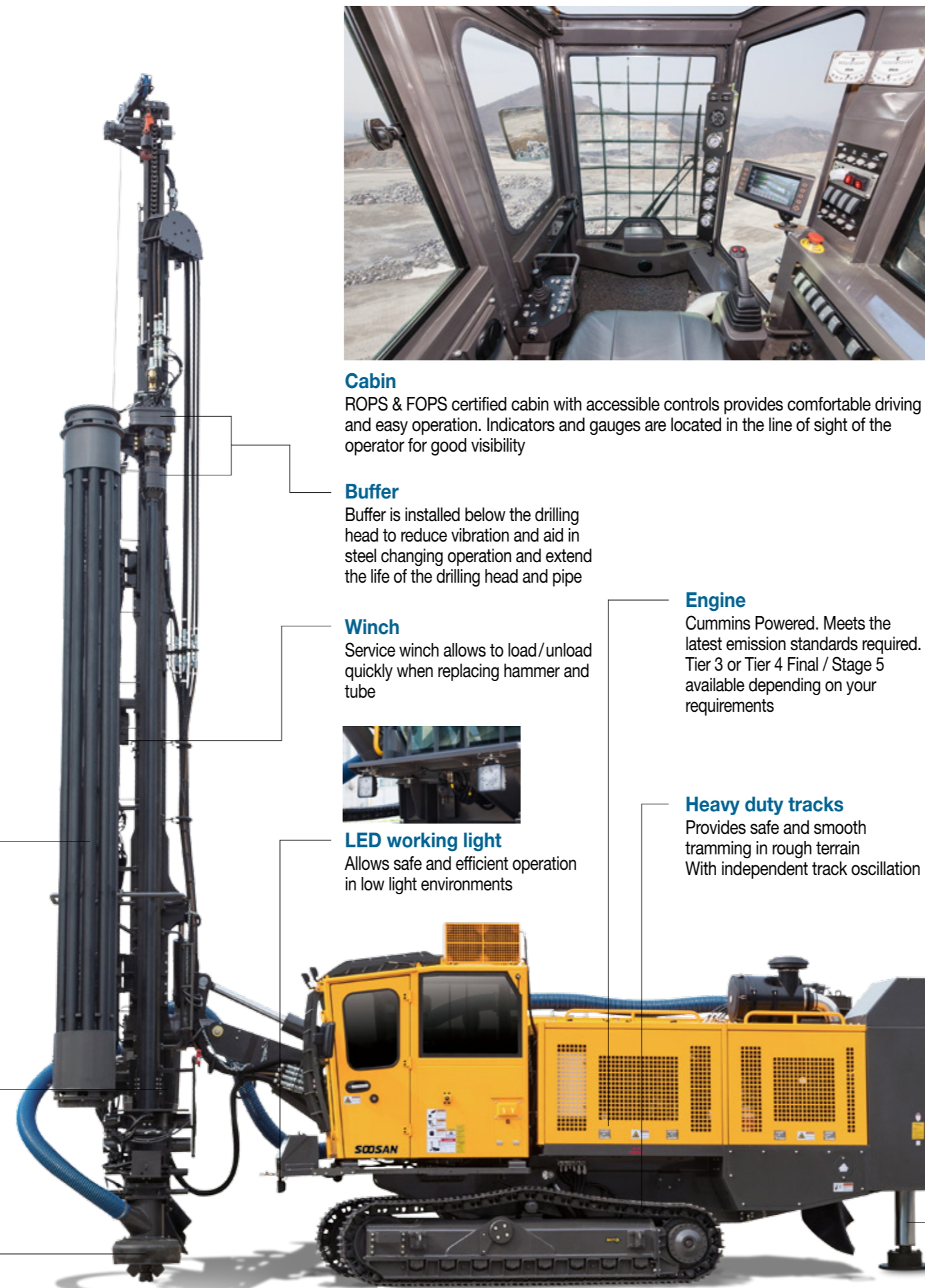
Drilling operation simplified utilizing pilot-controlled hydraulics and keeping electronic components to a minimum

Easy access to main components

**ARC**  
Carousel Rod Changer system utilizes 6 meter pipe to provide deep hole capability

**Cyclone**  
Pre-Cleaner prevents larger chips and cuttings from damaging the dust collector filters and extends filter life

**Sliding type Hood**  
Movable dust hood improves efficiency of the dust system and allows operator to adjust height to their needs



**Cabin**  
ROPS & FOPS certified cabin with accessible controls provides comfortable driving and easy operation. Indicators and gauges are located in the line of sight of the operator for good visibility

**Buffer**  
Buffer is installed below the drilling head to reduce vibration and aid in steel changing operation and extend the life of the drilling head and pipe

**Winch**  
Service winch allows to load/unload quickly when replacing hammer and tube



**LED working light**  
Allows safe and efficient operation in low light environments

**Engine**  
Cummins Powered. Meets the latest emission standards required. Tier 3 or Tier 4 Final / Stage 5 available depending on your requirements

**Heavy duty tracks**  
Provides safe and smooth tramming in rough terrain With independent track oscillation

**Outrigger**  
Rear outrigger enables to maximize the stability when drilling



**Joystick Control**  
Hydraulic pilot proportional Joystick allows smooth, precise and convenient operation



**Pulsing, lubrication oil control**  
Pulsing is turned on or off individually and the amount of lubrication oil is adjusted as needed



**Auto grease system**  
Auto grease system automatically greases hard to reach pins and bushings extending the life of the drill



**Centralized electric control panel**  
Centralized electric control panel allows easy diagnoses and maintenance operation



**Digital angle indicator**  
Digital angle indicator maximizes the drilling accuracy



**360° around view**  
360° around view provides you with safe working environment



**Multi-function display**

- Coolant, Cooler, Hydraulic fluid Temperature control
- Battery power and fuel level check
- Sensors state check
- Rear view camera
- Engine error check
- Pulsing, lubrication oil control
- Angle indicator



**Water mist injection amount control valve**  
Water mist injection can be easily adjusted from inside the cab to meet the needs of the job

**Water mist system**  
Water is injected into air stream to aid in dust suppression and improve hole stability. Additives can be used with the water to help maintain the walls of the holes in extreme conditions

