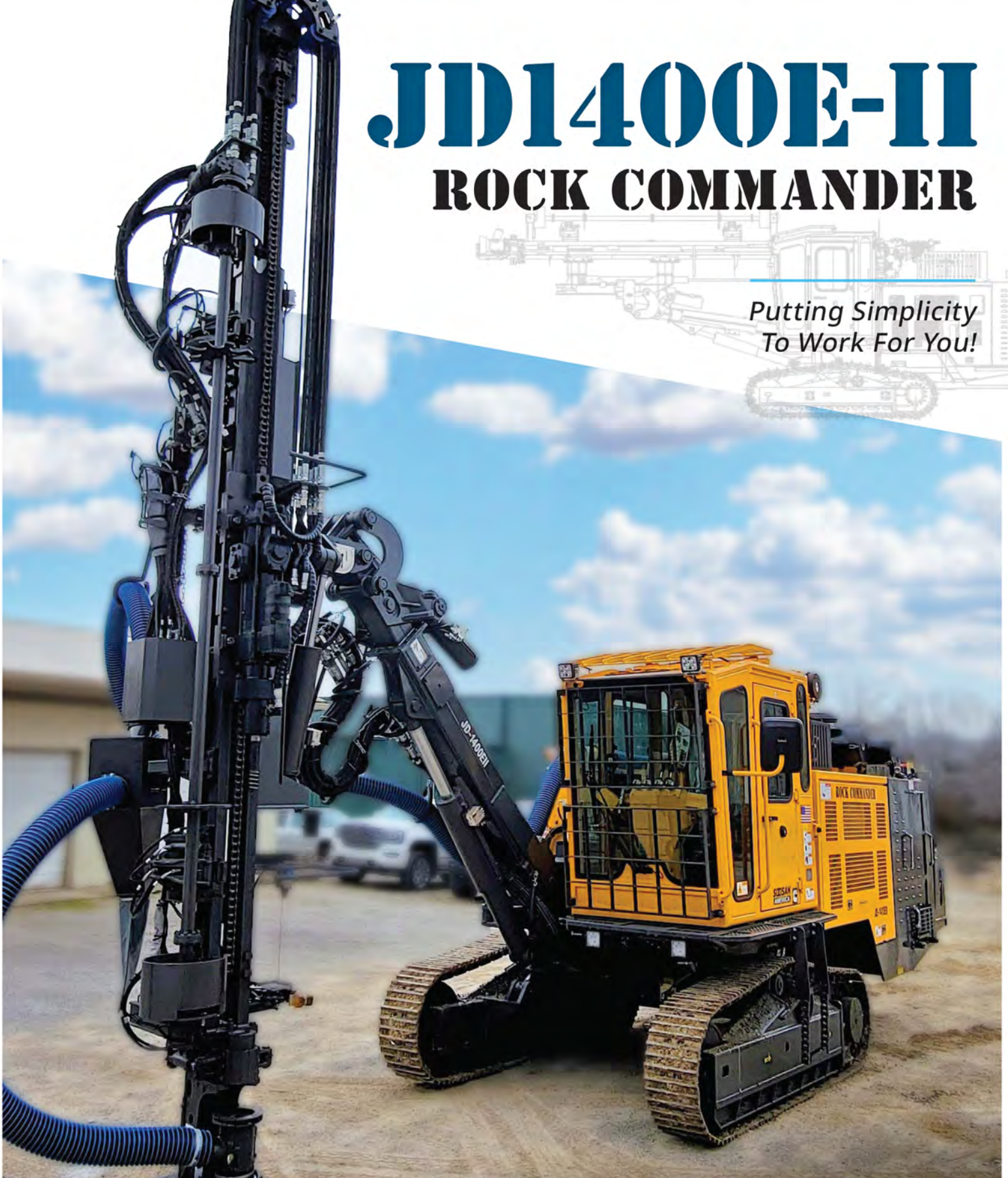


JD1400E-II

ROCK COMMANDER

*Putting Simplicity
To Work For You!*



 **SOOSAN**

AMERICA

(502) 244-0004 |

SoosanAmerica.com
RockDrills.net



JD1400E-II

ROCK COMMANDER

INDUSTRY PROVEN COMPONENTS

1

PROVEN AND RELIABLE YH135 OR OPTIONAL YH80A DRIFTERS

Drifters that provide unmatched parts availability and a simple to maintain design. Hole sizes range from 2.75" To 5". Optional T45 drill steel set up available with YH80A. These units are easy to service and extremely dependable.

YH135: Impact Power 28hp (21kw), Torque 868 ft/lbs. Rotation 120 rpm max.

YH80A: Impact Power 22hp (16.5kw), Torque 427 ft/lbs. Rotation 150 rpm max.

3

KAWASAKI VARIABLE PISTON PUMP

This system delivers the flow to power the main systems of the drill. Kawasaki is an international leader in hydraulic pump technology, powering many different types of equipment around the world. The Kawasaki pumps are quiet and reliable under the harshest of conditions.

2

INDUSTRY PROVEN GHH-RAND AIR-END

The Air-End delivers 490 CFM of air at 150 PSI to clear cuttings and power through over-burden. This proven design is in use in hundreds of drilling rigs world-wide. The simple and efficient air system is easy to maintain and troubleshoot if any issue arises.

4

SIMPLE DESIGN SYSTEMS

These systems allow for easy adjustments and maintenance that anyone can understand. The enclosure is designed with room to work. Each of the Rock Commanders systems can be easily accessed and adjusted in the well thought-out design. Simple systems equal maintenance anyone can perform. No technician with a lap-top required.

CUMMINS
QSL9 ENGINE

YAMAMOTO
YH-135
DRIFTER

DRY DUST
COLLECTOR

KAWASAKI
HYDRAULIC
PUMPS

GHH-RAND
AIR-END

ROPS &
FOPS

CABIN AIR
CONDITIONING

BACK-UP
CAMERA



Simple, Easy To Use Controls & Larger Cabin

New movable drilling controls. Easy to read gauges to help you monitor and adjust the drilling process.

No On-board Computer

Limit down-time and electronic failure. No waiting on electronic parts and service technicians.



Round Carousel

Rod changer with 6 + 1 capacity that is simple, with minimal moving parts. Starts 14ft rod and changes 12ft sections.

Dry Dust Collector

Easy to replace and inexpensive filter elements. Optional water injection system available with American made ASME pressure vessel.



Digital Angle Indicator

This system keeps you straight even in the toughest drilling conditions.

Cummins QSL9 Engine

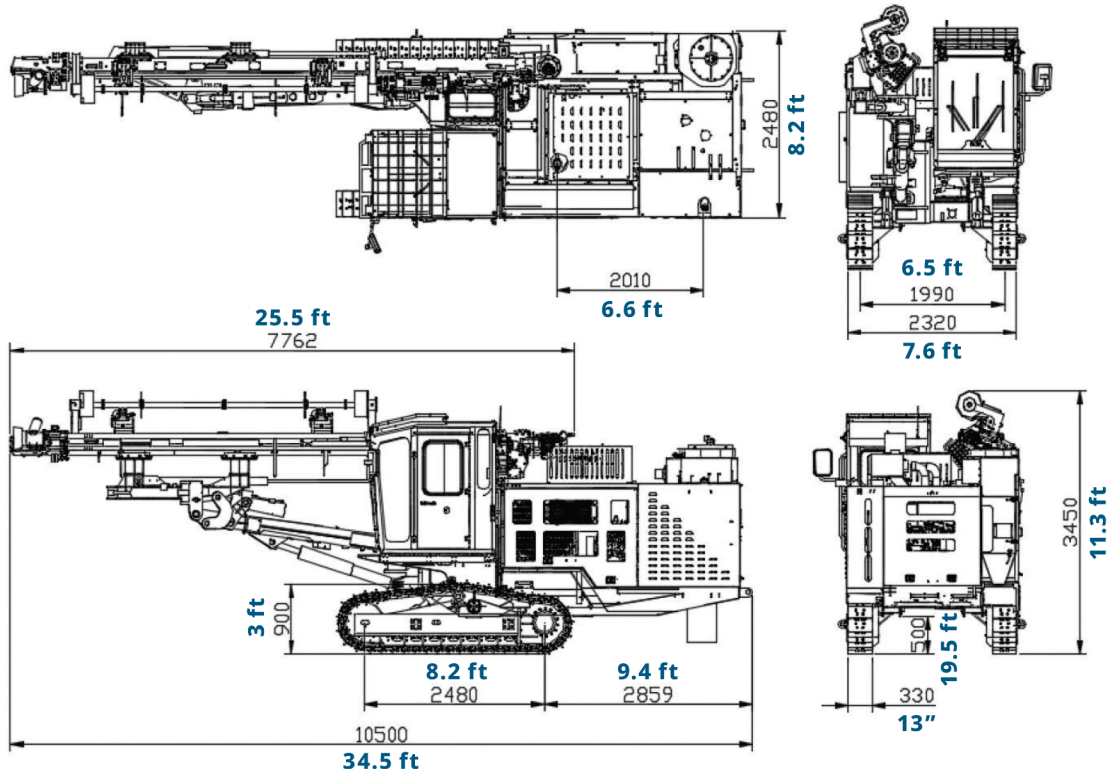
Provided with a two year manufacturer's warranty. Dependable and easily serviceable power pack with the support of your local Cummins dealer.

SPECIFICATIONS / JD1400E-II

Overall Dimensions	
Gross Weight	17,000 kg / 37,480 lbs
Overall Length	10,500 mm / 34.5 ft
Overall Width	2,480 mm / 8.2 ft
Overall Height	3,450 mm / 11.3 ft
Crawler	
Ground Clearance	480 mm / 1.57 ft
Oscillating Angle	10/8°
Gradeability	30°
Traveling Speed	3.3 kmh / 2.1 mph
Engine	
Cummins QSL9 TIER 4	
Rated Output	260 bhp / 2,200 rpm
Dust Collector	
# of Filters	6

Drifter		YH-135
Weight	260 kg / 573 lbs	
Impact Frequency	40~45 Hz	
Rotational Torque	Max. 120kgfm / 868flbs	
Rotational Frequency	Max. 120 RPM	
Impact Pressure	Max. 140bar / 2,031psi	
Rotation Pressure	Max. 140bar / 2,031psi	
Flushing Pressure	Max 10.5bar / 150psi	
Bit & Rod		
Bit Diameter	Φ89 ~ Φ127 / 3.5"~5"	
Rod Length	3,660 mm / 12 ft	
Rod Section	T51	
Hydraulic System		
Hydraulic Pump	2 Variable Piston Pump + 1 Gear Pump 2 Gear Pump (Cooler)	

Boom	
Overall Length	2,840 mm / 9.32 ft
Lift Angle	50 U ° / 15 D °
Swing Angle	35 R ° / 25 L °
Auto Rod Changer	
Carousel Type	
# of Rod Installed	6+1 EA
Air End	
GHH-Rand	
Working Pressure	10.5 kg-cm2 / 150 psi
Free Air Delivery	13.9 m3 / 490 cfm
Guide	
Overall Length	7,590 mm / 24.9 ft
Slide Length	1,500 mm / 4.92 ft
Feed Length	4,300 mm / 14.1 ft
Swing Angle	90 R ° / 25 L °
Tilt Angle	180°



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