

JD800E-II

ROCK COMMANDER

*Putting Simplicity
To Work For You!*



 **SOOSAN**
AMERICA

(502) 244-0004

SoosanAmerica.com
RockDrills.net



JD800E-II ROCK COMMANDER

INDUSTRY PROVEN COMPONENTS

1

PROVEN AND RELIABLE YH-80A DRIFTER

This Drifter provides unmatched parts availability and a simple to maintain design. Hole sizes range from 2.75" To 4". Optional T51 drill steel set up available. These units are easy to service and extremely dependable.

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

2

SPECIFICALLY PAIRED AIR-END

The Air-End delivers 233 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.

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.

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
QSB6.7 ENGINE**

**YAMAMOTO
YH-80A
DRIFTER**

**DRY DUST
COLLECTOR**

**KAWASAKI
HYDRAULIC
PUMPS**

**EXTENDABLE
BOOM**

**ROPS &
FOPS**

**CABIN AIR
CONDITIONING**

**BACK-UP
CAMERA**



Easy To Use Controls

Adjustments are easily within the operators reach. Easy to read gauges to help you monitor 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 4 + 1 capacity that is simple with minimal moving parts. Starts 16ft rod and changes 12ft sections.

Dry Dust Collector

Four 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 QSB6.7 Engine

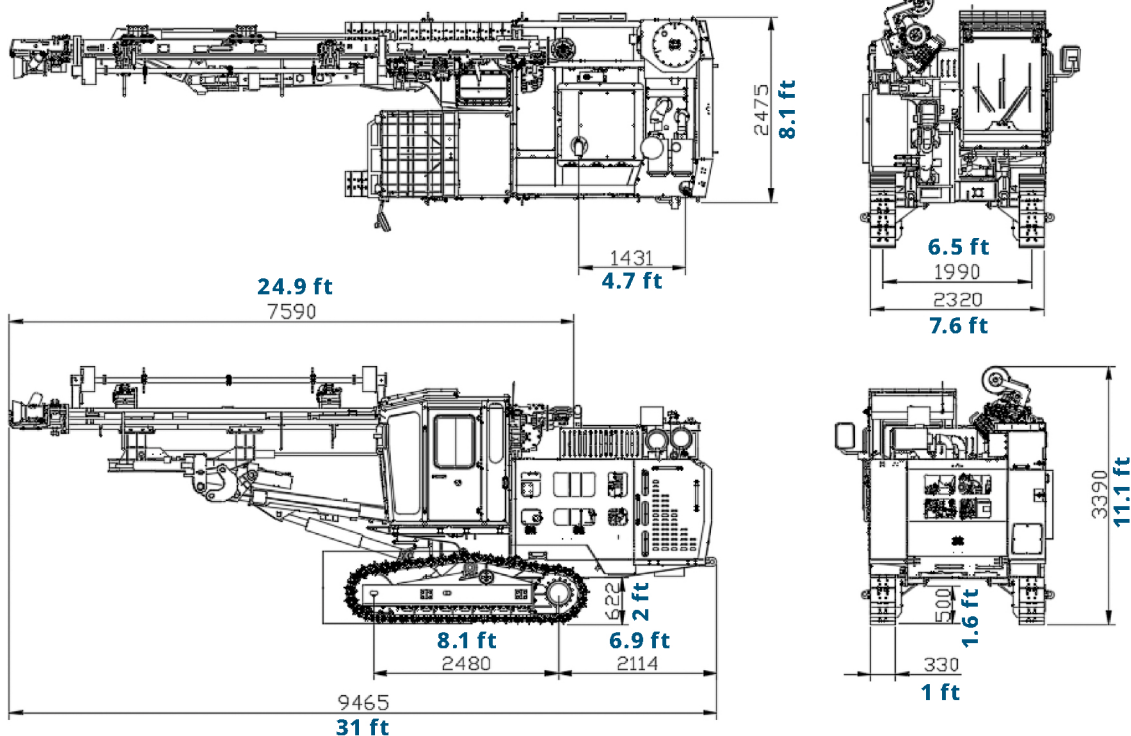
Provided with a two year manufacturer's warranty. Dependable and easily serviceable power pack with the support of your local Cummins dealer.

SPECIFICATIONS / JD800E-II

Overall Dimensions	
Gross Weight	14,800 kg / 32,950 lbs
Overall Length	10,100 mm / 33.2 ft
Overall Width	2,475 mm / 8.12 ft
Overall Height	3,390 mm / 11.12 ft
Crawler	
Ground Clearance	490 mm / 1.6 ft
Oscillating Angle	10/8°
Gradeability	30°
Traveling Speed	3.3 kmh / 2.1 mph
Engine Cummins QSB6.7 TIER 4	
Rated Output	173 bhp / 2,200 rpm
Dust Collector	
# of Filters	4

Drifter YH-80A	
Weight	210 kg / 463 lbs
Impact Frequency	40~45 Hz
Rotational Torque	Max. 59kgfm / 427flbs
Rotational Frequency	Max. 150 RPM
Impact Pressure	Max. 140bar / 2,031psi
Rotation Pressure	Max. 140bar / 2,031psi
Flushing Pressure	Max 10.5bar / 150psi
Bit & Rod	
Bit Diameter	Φ76 ~ Φ115 / 3"~4.5"
Rod Length	3,660 mm / 12 ft
Rod Section	T45/T51
Hydraulic System Kawasaki	
Hydraulic Pump	2 Variable Piston Pump + 1 Gear Pump 1 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	4+1 EA
Air End	
Working Pressure	10.5 kg-cm2 / 150 psi
Free Air Delivery	6.6m3 / 233 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	65 R ° / 50 L °
Tilt Angle	180°



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