

# ROCK COMMANDER®

JD-800E-II



SOOSAN AMERICA LLC  
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LOUISVILLE KY 40223



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# PUTTING SIMPLICITY TO WORK FOR YOU



**Simple, Easy to Use Controls.** Adjustments are Easily Within the Operators Reach. Easy to Read Gauges to Help You Monitor the Drilling Process.

**Simple Systems** Your Operators and Mechanics Can Maintain and Understand.

**No Computer** in the Drilling System to Fail and Cause Unwanted Downtime Waiting on Electronic Parts and service technicians.

**Round Carousel Type Rod Changer** with 4 + 1 Capacity Simple to Operate with Minimal Moving Parts. Starts 16ft Rod and Changes 12 ft Sections.

**Digital Angle Indicator System** to Keep You Straight Even in the Toughest Drilling Conditions.

**Dry Dust Collector System** with Four Easy to Replace and Inexpensive Filter Elements, Optional Water Injection System Available with American Made ASME Pressure Vessel.

**Cummins QSB6.7 Tier IV Engine** with Two Year Manufacturer's Warranty. Provides a Dependable, Easily Serviceable Power Pack with the Support of Your Local Cummins Dealer.

**Extensive Domestic Spare Parts Inventory** Along with a Knowledgeable Product Support Staff Will Help Keep Your Down-Time to a Minimum.

**Standard Features include:** Cummins Engine, Yamamoto YH 80A Drifter, Kawasaki Hydraulic Pumps, Extendable Boom, Angle System, Rops & Fops, Dry Dust Collector, Air Conditioning and Back-up Camera.



# QUALITY INDUSTRY PROVEN COMPONENTS



**Proven and Reliable YH80A Drifter with Unmatched Parts Availability and Simple to Maintain Design. Hole Sizes Range from 2.75" to 4" Utilizing T45 Drill Steel. Optional T51 Drill Steel Set Up Available. These Units are Easy to Service and Extremely Dependable.**

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

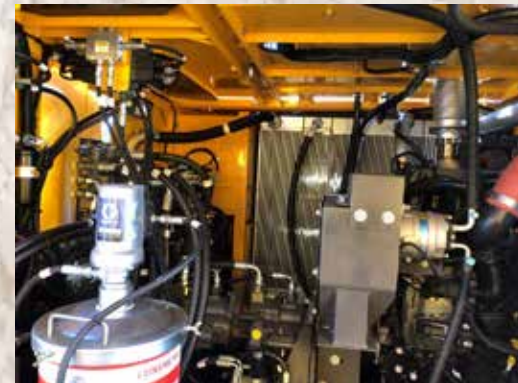
**Specifically Paired Air-End Delivers 233 CFM of Air at 150 PSI to Clear Cuttings and Power Through Over-Burden. The Proven Design is in use in Hundreds of Drilling Rigs World-Wide. Simple and Efficient Air System is Easy to Maintain and Troubleshoot if an Issue Arises.**



**The Kawasaki Variable Piston Pump 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.**



**Simple Design Allows 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.**





**AMERICA**

**SOOSAN AMERICA**

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ITEM			JD-800E-II
Overall Dimensions	Gross weight	kg/lbs	14800/32950
	Overall length	mm/ft	10100/33.2
	Overall width	mm/ft	2475/8.12
	Overall height	mm/ft	3390/11.12
Crawler	Ground clearance	mm/ft	490/1.6
	Oscillating angle	degree	10/8
	Gradeability	degree	30
	Traveling speed	kmh/mph	3.3/2.1
Engine	Model		QSB6.7 (Cummins)
	Rated output	bhp /rpm	173/2200
Drifter	Model		YH-80A
	Weight	Kg/lbs	210/463
	Impact Frequency	Hz	40~45
	Rotational Torque	Kgfm/flbs	Max. 59/427
	Rotational Frequency	RPM	Max. 150
	Impact Pressure	bar/psi	Max. 140/2031
	Rotation Pressure	bar/psi	Max. 140/2031
	Flushing Pressure	bar/psi	Max 10.5/150

ITEM			JD-800E-II
Boom	Overall length	mm/ft	2480/9.32
	Lift angle	U/D°	50/15
	Swing angle	R/L°	35/35
Dust Collector	Number of filters		4
Bit & Rod	Bit diameter	mm/inch	Φ76 ~ Φ115/ 3"~4.5"
	Rod length	mm/ft	3660 / 12
	Rod section		T45/T51
Hyd. Sys.	Hyd. pump		Kawasaki Variable Piston Pump
Auto Rod Changer	Type		CAROUSEL TYPE
	Number of Rod	EA	4+1
Air-End	Working pressure	kg-cm2 /psi	10.5/150
	Free air delivery	m3/cfm	6.6/233
	Guide	Overall length	mm / ft
Guide	Slide length	mm/ft	1500/4.92
	Feed length	mm/ft	4300 / 14.1
	Swing angle	R/L°	65/50
	Tilt angle	°	180

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