

# JB1 | Jar Booster

The JB1 jar booster enhances any drilling jar's effectiveness by accelerating the impact force. When your drill string gets stuck, a drilling jar applies forces to knock it free. However, this can be challenging in highly deviated, horizontal or shallow wells and in rigs with limited push/pull capacity. Cougar's jar booster increases the impact of the drilling jar's force during these adverse applications where pipe stretch is limited or stored energy is minimized due to hole drag.

**MAX TEMPERATURE**  
 Standard Seals: 250°F / 121°C  
 High Temp Seals: 400°F / 204°C  
 Geo Seals: 400°F + / 204°C +

### SPECIFICATIONS

*Imperial*

Tool Model	OD (in)	ID (in)	Weight (lb)	Length (ft)	Pump Open Area (in <sup>2</sup> )	Stroke Up (in)	Stroke Down (in)	Maximum Torque (ft-lb)
JB1-650	6.55	2.50	1,600	19.8	16.8	8.0	8.0	45,000
JB1-800	8.00	3.00	3,000	22.5	30.7	12.0	12.0	60,000

*Metric*

Tool Model	OD (mm)	ID (mm)	Weight (kg)	Length (m)	Pump Open Area (cm <sup>2</sup> )	Stroke Up (cm)	Stroke Down (cm)	Maximum Torque (N-m)
JB1-650	166	64	726	6.0	108.4	20.3	20.3	61,000
JB1-800	203	76	1,361	6.9	198.1	30.5	30.5	81,300

### FEATURES AND BENEFITS

- Increases impact force to any drilling jar
- Improves drilling jars' ability to fire in highly deviated or lateral applications
- Enables rigs with minimal push/pull to fire drilling jars effectively
- Excellent performance in shallow wells where minimal pipe stretch is available

