

TAQA's 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. TAQA'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.

## SPECIFICATIONS

### MAX TEMPERATURE

Standard Seals: 250°F / 121°C  
 High Temp Seals: 405°F / 207°C  
 Geo Seals: 405°F / 207°C + Steam

### 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)	Max WOB to Yield (lbs)	Max Overpull to Yield (lbs)
JB1-500	5.00	2.25	1,200	24.0	11.0	12.0	12.0	21,000	300,000	400,000
JB1-650	6.55	2.50	1,600	19.8	16.8	8.0	8.0	45,000	480,000	560,000
JB1-675	6.75	2.50	1,600	19.8	16.9	8.0	8.0	45,000	480,000	560,000
JB1-800	8.00	3.00	3,000	22.5	30.7	12.0	12.0	60,000	490,000	380,000

### 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)	Max WOB to Yield (lbs)	Max Overpull to Yield (lbs)
JB1-500	127	57	544	7.3	71.0	30.5	30.5	28,400	133,447	177,929
JB1-650	166	64	726	6.0	108.4	20.3	20.3	61,000	213,515	249,100
JB1-675	171	64	726	6.0	108.4	20.3	20.3	61,000	213,515	249,100
JB1-800	203	76	1,361	6.9	198.1	30.5	30.5	81,300	217,963	169,032

## FEATURES AND BENEFITS

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