

Mission Blak-JAK Washpipe Cartridge System

Our Mission™ Blak-JAK™ washpipe cartridge system is a self-contained unit that is designed to be repacked on the rig floor, not at the swivel. Once the assembly has been repacked, the single cartridge can be installed in the swivel quickly just by tightening the nuts to the gooseneck and swivel. A spanner bar is utilized to tighten the nuts, eliminating the use of hammers. Since the packing does not rotate with the nuts on installation, most of the installation can be accomplished by hand. This cartridge is also 25% lighter than OEM designs to aid in maneuverability at the swivel and on the rig floor. Since the installation of washpipe packing is accomplished on the rig floor and not at the swivel, personnel time aloft is greatly reduced, increasing safety.

Assembly and repacking of the Blak-JAK washpipe cartridge is quick, simple, and requires only one motion to tighten the complete unit. The washpipe assembly requires no external energizing device, such as air or hydraulics, to operate or disassemble the cartridge, as in other competing designs. Since the cartridge is designed to be repacked on the rig floor, an extra cartridge can be packed and used as a standby unit, further reducing downtime to a fraction of the time it takes to rebuild standard or competitive units.

The Blak-JAK washpipe cartridge system uses the same washpipe and packing as a conventional washpipe assembly without any modifications. For extreme conditions, the cartridge can be assembled with high-temperature-resistant packing. No modifications to the swivel or gooseneck are required to install the Blak-JAK washpipe cartridge system, and periodic lubrication requirements are identical to the OEM unit.

Features

- Quick change cartridge system
- 25% lighter than competing designs for ease of maneuverability
- Cartridge assembly and disassembly is simple and quick
- Cartridge is repacked on the rig floor, not at the swivel
- Uses standard packing and washpipe, with optional packing available
- Eliminates the need for hammers
- Reduces personnel time aloft for a safer workplace



Blak-JAK washpipe cartridge quick reference guide

5,000-psi National rotary swivels	BJWC part number	5,000 psi, 3 in. ID washpipe Canrig top drives	BJWC part number
P-200	80506100	1050E-500	80506102
P-300	80506100S	6027E-938	80506102S
P-400		8035E-500	
P-500		1165E-712	
P-650			
5,000 psi, 3 in. washpipe National top drives		5,000 psi Oilwell rotary swivels	
PS-350	80506100	PC225	80506101
PS-500	80506100S	PC300	80506101S
PS-500A		PC425	
		PC500	
		PC650	
5,000 psi, 3 in. washpipe Varco top drives		LEWCO	
TDS-9S	80506100	DDTD500	80506100
TDS-10S	80506100S		80506100S
TDS-11S			
5,000 psi, 3 in. washpipe Varco top drives		Beijing Petroleum Machinery (BPM)	
TDS-3S	80506100	DQ70BSC	80506100
TDS-4S	80506100S	(Chinese copy of Varco TDS-11)	80506100S
TDS-6S			
		Emsco	
		LB400	80506103
		LB500	80506103S
		LB650	