

Heather Wilt
Director Of Marketing & Communications
+1 (814) 695 9807 | hwilt@mcclanahan.com
mcclanahan.com



Press Release

FOR IMMEDIATE RELEASE

MCLANAHAN UPDATES UNIVERSAL JAW CRUSHER LINE TO INCLUDE SIMPLIFIED MAINTENANCE, LONGER WEAR LIFE AND IMPROVED OPERATION

Hollidaysburg, Pa., Oct. 6, 2015 — McLanahan's line of Universal Jaw Crushers has undergone a series of design updates. Based on customer feedback and years of applications expertise, these improvements have been engineered to make everything from installation to maintenance a safer, simpler and smarter process.

Significant improvements have been made to the stationary jaw die. The new die design has a bevel that rests in a matched groove on the lower clamp plate and is secured by upper clamp plates with a groove to match die bevel. Dies are also reversible to utilize more wear metal, improving their life. Clamp plates match both upper and lower die bevels.

For larger units, such as the 64", stationary wear plates are made of two dies with peaks in the middle and valleys on the outside. These dies can be used on the movable side if the right side die moves to the left side to put the valley in the middle. They are lighter weight compared to full-size die and are smaller individually and easier to store. This means producers can minimize their inventory since one set is needed to change out either side, and the stationary side typically wears out more quickly than the movable side.

This new Universal Jaw Crusher design features replaceable upper and lower stationary jaw die clamp plates, which are lighter, making it easier to install, replace and secure the die. Operators no longer have to rely on heavy key wedge or heel plate style side-liners to lock the dies in place. Additionally, all clamp plates are interchangeable if one side or top/bottom experiences more wear.

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Universal Jaw Crushers formerly featured long, one-piece sideliners, meaning the entire part needed replaced when a section was worn. Now, there are three cheek plates per side (top, middle and bottom). This allows liners in high wear areas to be replaced independently of other liners.

Maintenance is greatly simplified by the inclusion of several replaceable parts in the new Universal Jaw Crusher design. The barrel liner, which protects the barrel of the pitman from rock impact and scuffing, is replaceable, as is the smash plate, which absorbs impacts, and wears and deforms before the crusher frame/pitman, prolonging the life of the frame/pitman. In an effort to combat pitman toe wear that can lead to needing a new pitman or extensive pitman toe rework, the new Universal Jaw Crusher design features a bolt-in pitman toe for easy replacement.

When performing maintenance, the new self-aligning locking wedges are adjusted from the rear of the crusher. This area is usually allotted the most space for maintenance and operators don't have to work around drive guards. Universal Jaw Crushers now come equipped with a safety pin that will lock the pitman in a closed position when maintenance is being performed.

Finally, Universal Jaw Crushers are now designed with frames that are engineered to allow for infinite possibilities when it comes to mounting feet design and customization. With custom feet, the crusher can be tipped forward, as well as located higher and lower or forward and backward from obstructions in an existing or new structure that would have normally made installation impossible.

McLanahan Corporation manufactures safer, simpler and smarter equipment to help producers do more than ever in today's tough marketplace. From primary crushing to water management, McLanahan custom engineers process solutions to help you be more efficient, more productive and more profitable. For more information, please visit www.mclanahan.com or contact sales@mclanahan.com.

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