

Filter Belts

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Lacing Wire Maintenance Tip

As you well know, when a lacing wire breaks on a clipped dewatering belt, the clippers become vulnerable. The clippers are exposed and may catch on the scraper blade, plows or washbox causing a premature failure. At this point, you have the potential for a costly situation.

Most belt manufacturers will be glad to send an extra wire with your belt order at no extra charge. This will allow you to simply change the wire halfway through the average life of your belt. Simply feed the new wire through the clippers while pulling out the old wire.

Some recommended tips for installing a new wire:

- (1) Spray the seam with lubricant before sliding wire through the Clippers.
- (2) File the feed end of the wire to a point and it will easily go through the Clippers.

Feed the wire through the clippers leaving approximately 1"-1 ½" extended beyond each end of belt. Use needle nose pliers to bend the wire in the opposite direction of belt travel so as not to catch on edges of the press while in operation. First, bend the wire at approximately a 45 degree angle. Move the pliers about 1/8" and complete a 90 degree angle. This will create a smooth radius as opposed to a sharp 90 degree angle. There is a two part reason for this method.

- 1) A sharp bend weakens the wire.
- 2) Gives room on each end so that when the belt smiles, it will not pull the ends of the wires into the clippers.

This method will protect the wire from excess stress and breaking so easily. This also allows the belt to seat itself without pulling the ends of the wires in, causing them to break. It only takes one exposed clipper to catch and rip an expensive press belt.

Feel free to contact me with any questions relating to your belt filter press.

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