LOCK-TITE™ Liner System Options

GK customers' favorite option includes a drum body liner skin that:

- Increases the life of your existing drum body.
- Is constructed of Hardox® Abrasion Resistant wear plate, which will last much longer than the mild steel drum body.
- Creates a smooth surface for installation of the new GK liner panels.
- Is necessary when excessive wear is present on existing drum body.

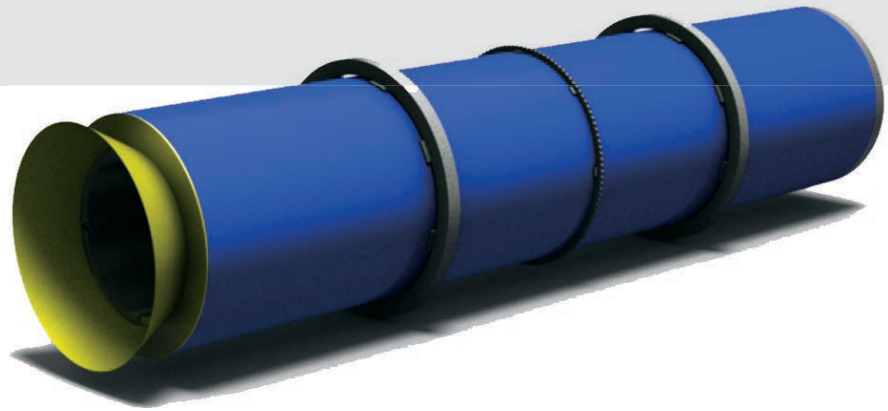
Another option is a complete replacement drum body assembly that means:

- Total rotating assembly delivered and ready to set onto your existing drive structure.
- Combines a new drum body, sprocket, tires, drum body liner, and liner panel system.
- Tires use GK's proven "floating ring" technology, which increases service life and allows for easy replacement.
- Can be easily customized to meet your process requirements.

PARTS & SERVICE features a full line of other rotary drum replacement part capabilities including Bearings, Chains, Thrust Wheels, Trunnions, Drives, Frames, and more!

GENERAL KINEMATICS®
Energy in motion mastered.

PARTS & SERVICE



LOCK-TITE™ Liner Systems

"A whole lot safer to install than [others]… I would definitely recommend this system!"

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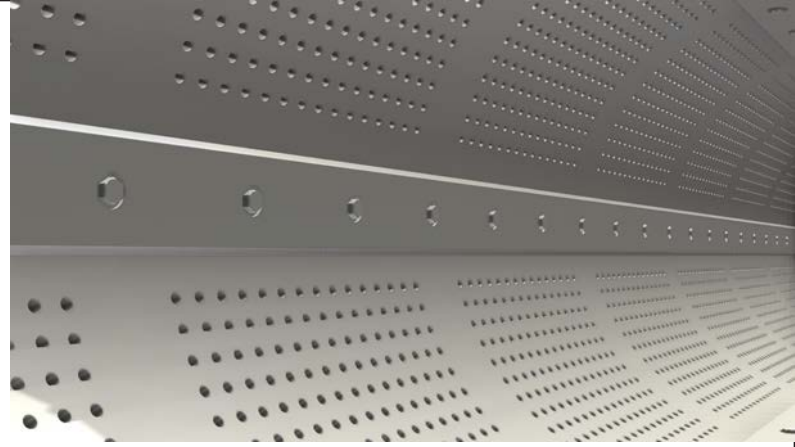
PARTS & SERVICE

LOCK-TITE™ Liner Systems



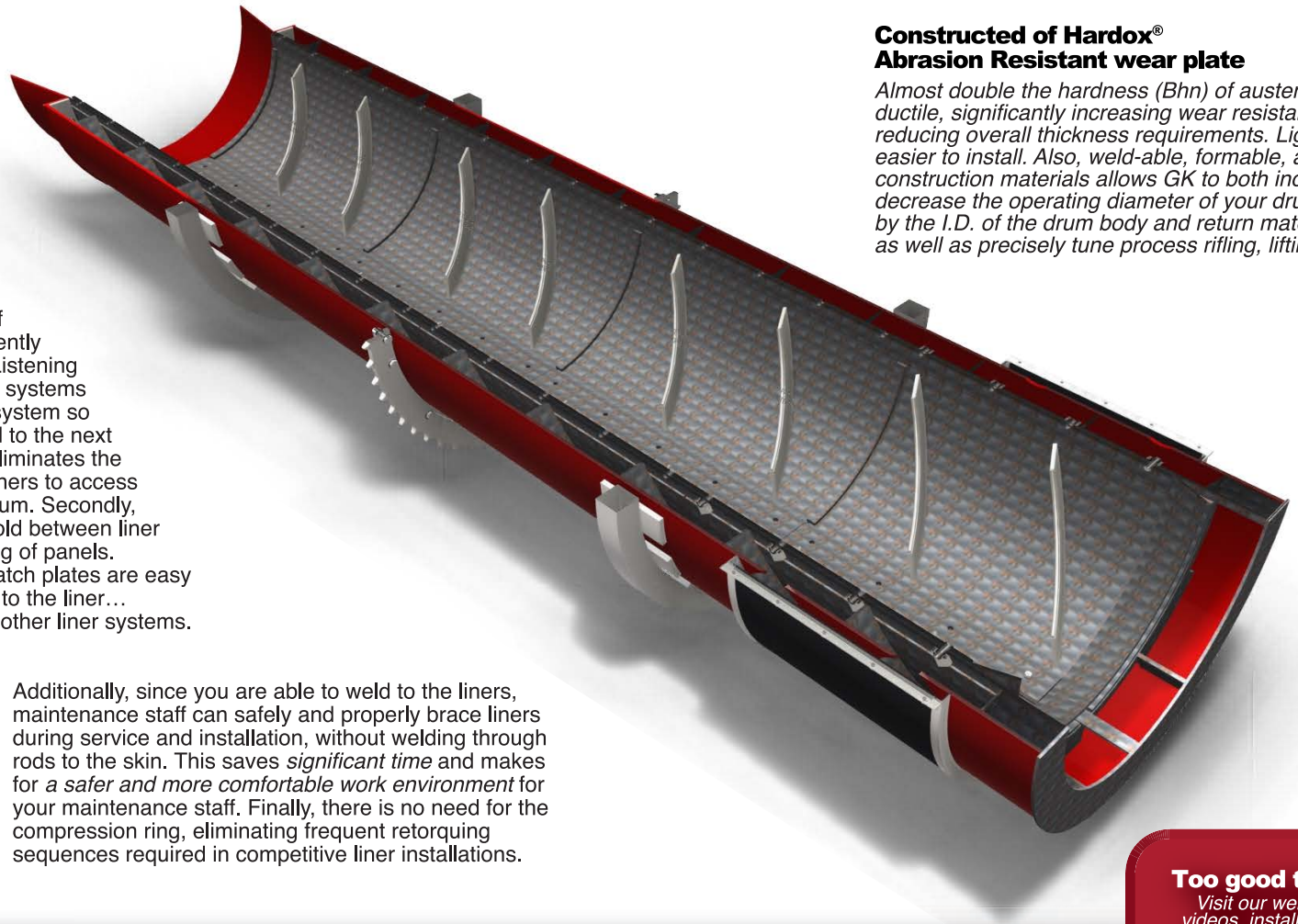
General Kinematics' patent-pending LOCK-TITE™ Liner System is designed to replace your existing cast grid liner system. Available as just liner panels, liner panels and internal skin liner, or complete replacement rotary assembly which will line up with existing drive machinery, GK works with you to find the right solution to improve your process.

Installation Process

Easy to install, this liner system does not require GK installation staff to install, though GK supervision is recommended for your teams' first installation. Installation requires only two people, a welder, a come-along, and misc. hand tools

Superior Design

Simply stated, the unique design of LOCK-TITE™ Liner Systems inherently reduces your maintenance costs. Listening to customer concerns of other liner systems on the market, GK developed our system so each segment is positively retained to the next segment using clamp bars which eliminates the need to remove previous rows of liners to access segments located internal to the drum. Secondly, clamp bars maintain mechanical hold between liner segments, preventing any loosening of panels. Thirdly, for localized wear areas, patch plates are easy to locate and weld in place directly to the liner… something you can't do easily with other liner systems.



Constructed of Hardox® Abrasion Resistant wear plate

Almost double the hardness (Bhn) of austempered ductile, significantly increasing wear resistance while reducing overall thickness requirements. Lighter panels = easier to install. Also, weld-able, formable, and repairable construction materials allows GK to both increase or decrease the operating diameter of your drum (limited by the I.D. of the drum body and return material volume) as well as precisely tune process rifling, lifting lugs, etc.

Additionally, since you are able to weld to the liners, maintenance staff can safely and properly brace liners during service and installation, without welding through rods to the skin. This saves *significant time* and makes for *a safer and more comfortable work environment* for your maintenance staff. Finally, there is no need for the compression ring, eliminating frequent retorquing sequences required in competitive liner installations.

Too good to be true?
Visit our website to see videos, installation photos, case studies and more of GK's LOCK-TITE™ Liner Systems.

www.gkfoundry.com