## **Retrofitting with the Hippo Fully Automatic Twistlock**

MacGregor Retro-Hippo solution with a higher flange allows you to replace your semiautomatic twistlocks with fully automatic ones without altering your vessel's lashing system. This practical approach ensures that the twistlocks can be exchanged while maintaining the integrity of the existing lashing geometry - avoiding any disruptions caused by changes to flange thickness i.e. the change in container stack heights.

Semiautomatic twistlocks typically feature a 28mm flange to accommodate the locking mechanism, while standard fully automatic twistlocks use a 15mm flange, as they do not require a larger space for locking operation. By selecting the Retro-Hippo with a 28mm flange, your upgrade project becomes quick, efficient, and hassle-free.

With extensive experience in cargo system upgrades for active shipping fleet, MacGregor is well-positioned to support your efforts in improving the performance of your container ships. Let us help you optimize your vessel's capabilities with minimal downtime.

