EVOTORQUE

50% less inertia & automation ready

MALMEDIE
TRUSTED FOR 150 YEARS

Drivetrain protection through separation of loads; ultrafast, accurate and precise

- Elimination of mechanical damage risk through elimination of root cause (mechanical load)
- Decoupling based on actual loads, not measurements
- Direct vs. indirect working principles
- Actuation within <5 ms of load arriving in coupling

Mechanically self-resetting: automation-ready; no manual operation required

- Torque limiter does not need to be reset by a person with a mallet
- No need for an additional electric or hydraulic resetting device (with all related challenges)
- Product can be used in environments where no persons are nearby, without increasing the need for maintenance

Starting Date: End of 2024

Q&A

How do you achieve 50% less inertia?
EvoTorque is designed to minimize inertia as much as possible. Inspired by aviation design principles, EvoTorque achieves more with less material.

What do you mean by automation ready?
As port automation increases, mechanical components need to require less maintenance and attention, as personnel will be far from the action. EvoTorque has been designed to require minimal service; after a shut-off torque event, resetting takes place mechanically.

How much will EvoTorque cost?
It will be offered at a similar price point to its predecessor, the MSC-II.

How is EvoTorque offered?
EvoTorque is available as part of EvoHoist. We are working with Dellner-Bubenzer to offer EvoTorque in an updated version of the SOS system.

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