



THE SYSTEM

- Dellner has developed the world’s first fully automated, electrical ‘Stop, Turn, Lock’ (STL) braking system. This unique braking system is the result of continuous research and development from one of the world’s most innovative and forward thinking braking system companies.
- In response to a global focus on environmental issues, the Dellner Electrical STL system is a green braking solution which is perfect for applications where a clean environment is paramount or for use in green shipping zones.

KEY FEATURES

- The Dellner Electrical STL system is compact and needs no additional piping, making it quicker, easier and less costly to install – especially where space is at a premium.
- The Dellner Electrical STL system’s ‘Stopping, Turning, Locking’ function can be fully automated without the need for manual intervention, and is simple to use, hard wearing and easy to maintain.
- With our unique, modular ‘Stopping, Turning, Locking’ system, you can choose one, two or all three functions to create a bespoke solution for any application.
- The Dellner Electrical STL system can be customised for different applications in a wide range of industries, both onshore and offshore

TECHNICAL FEATURES

- Depending on system sizing, Stopping torque ranges up to 900 kNm, Turning torque up to 600 kNm and Locking torque up to 1,650 kNm.
- Even our small and mid-range Electrical STL systems can deliver Stopping torque up to 300 kNm, Turning torque up to 150 kNm and Locking torque up to 700 kNm.

EXIBITION SYSTEM PERFORMANCE

	Stopping [kNm]	Turning [kNm]	Turning speed [rpm]	Locking [kNm]
eSTL SYSTEM (shown at SMM 2016)	6,5	2*	0,7	40

*) Could be equipped with higher motor power, delivering nominally 5 kNm (intermittent maximum 8 kNm).