

Flexible steering and **integrated** safety

Safety — and compliance with industry safety standards — is a concern we all share. But because those safety standards are increasingly complex, meeting their requirements can be time-consuming and costly. With the new EHi electrohydraulic in-line steering valve from Danfoss, you can outfit your construction equipment with a flexible steering solution and embedded safety features, resulting in a faster time to market.

The EHi compact steering valve has numerous configurations, offering failsafe steer-by-wire capabilities to fit a wide variety of hydraulic steering circuits. The flexible mounting options make it possible to remove the steering column and use a joystick or mini wheel as the main steering input. This gives you added cab space and design flexibility to provide operators with improved visibility, better ergonomics and increased precision.

When coupled with the PVED CLS actuator, the EHi compact steering valve has an integrated safety controller that provides a complete Category 3 safety architecture and steering system that is SIL 2 certified. Its patented hydraulic override is also certified at the SIL 2 level.

Danfoss offers comprehensive functional safety solutions that increase machine performance while ensuring a safe operator experience.

