



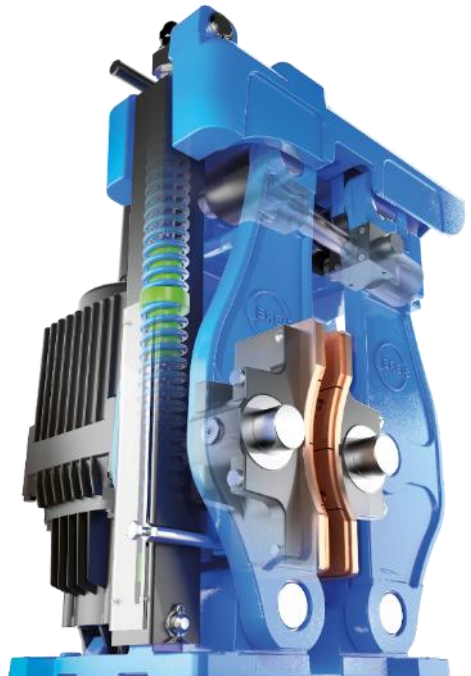
Sure to be Safe

Siegerland Bremsen

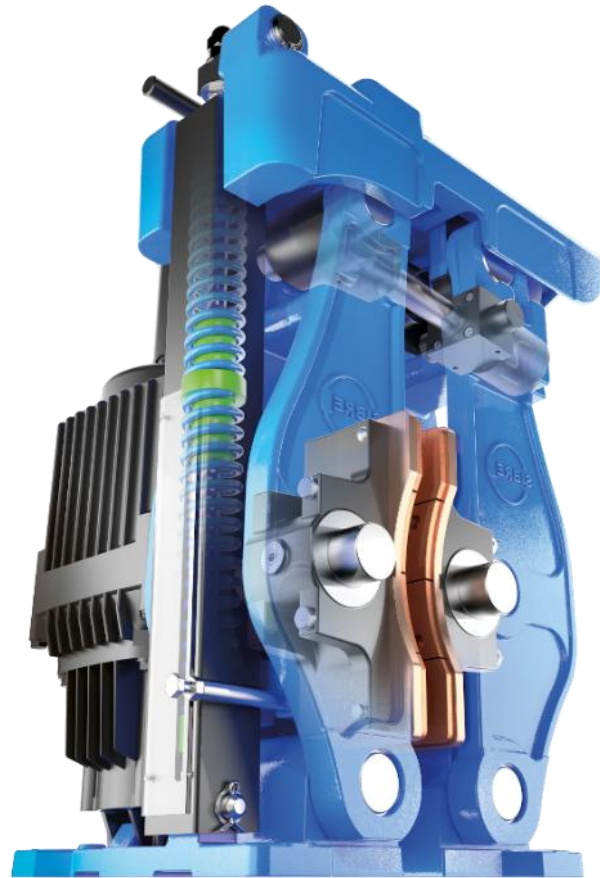
Brake Technology and Assistance Tools for Crane Safety and Productivity

About SIBRE

- Industrial brake and drive components manufacturer since 1958
- Private German owned company
- Headquarters in Germany and Internacional presence
- 13 Subsidiaries and >50 partners/agents around the world



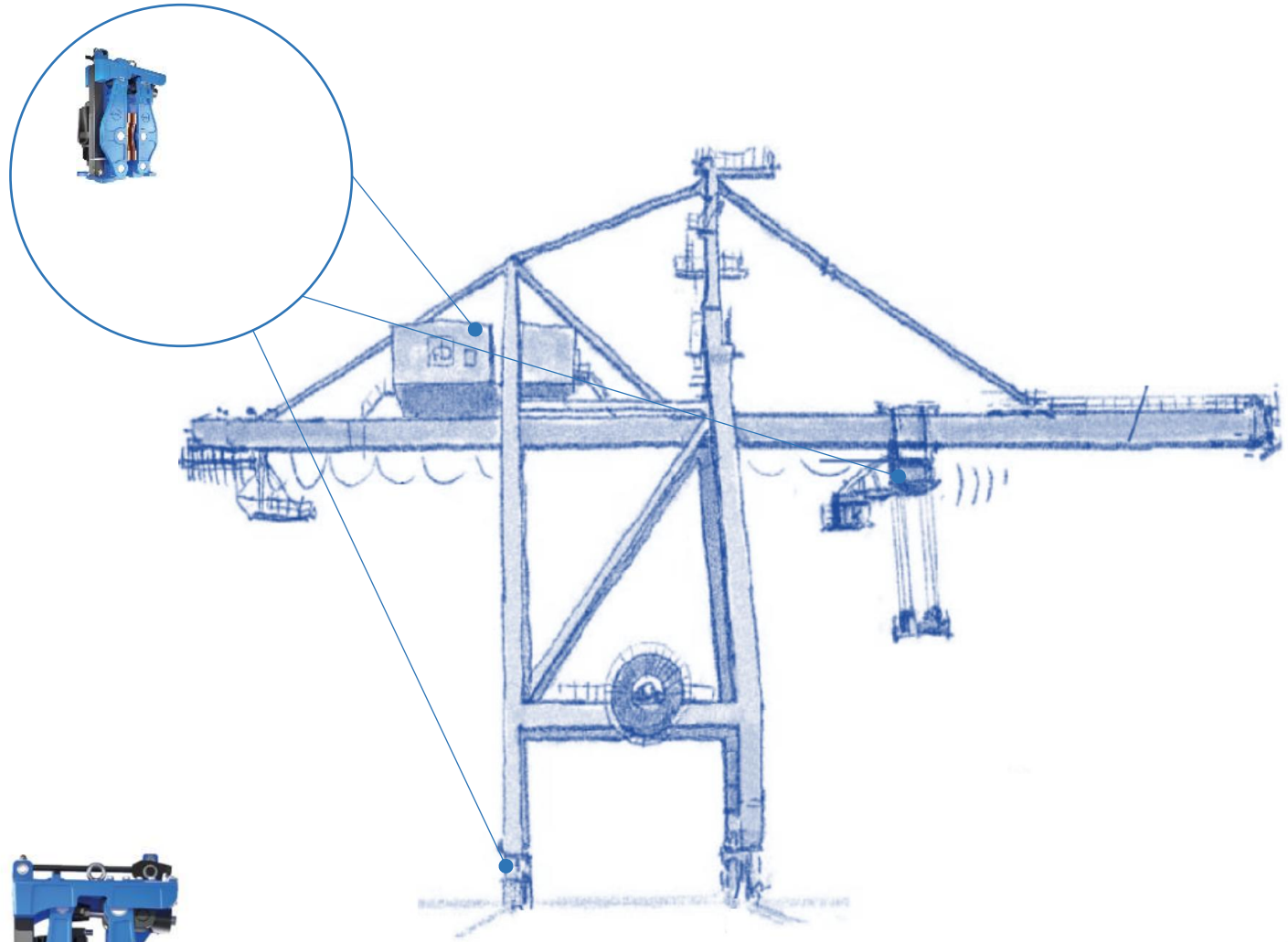
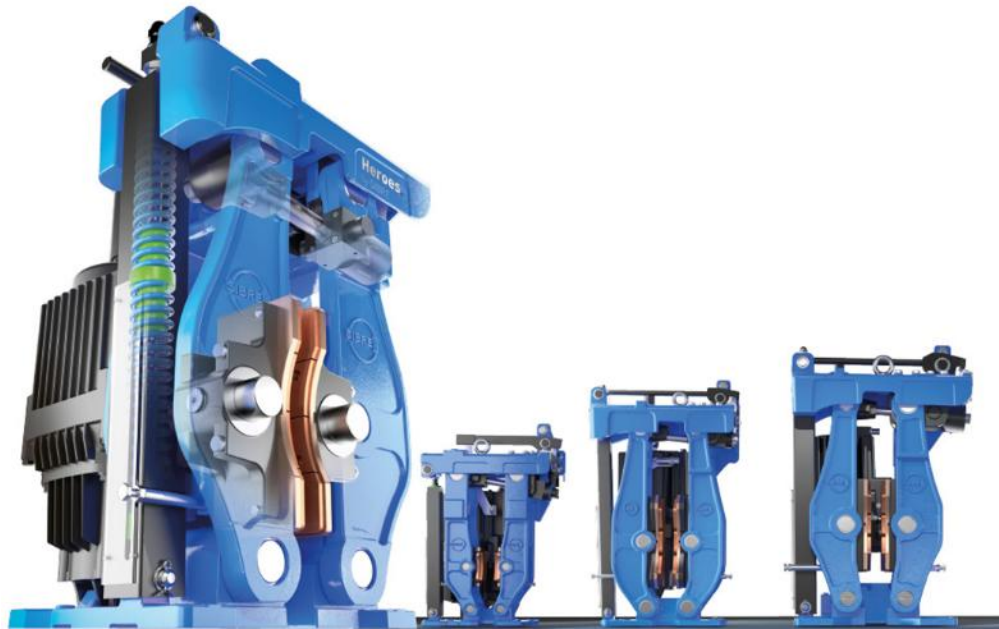
BRAKES



Brake systems

Brakes for all drive systems

- Service brakes

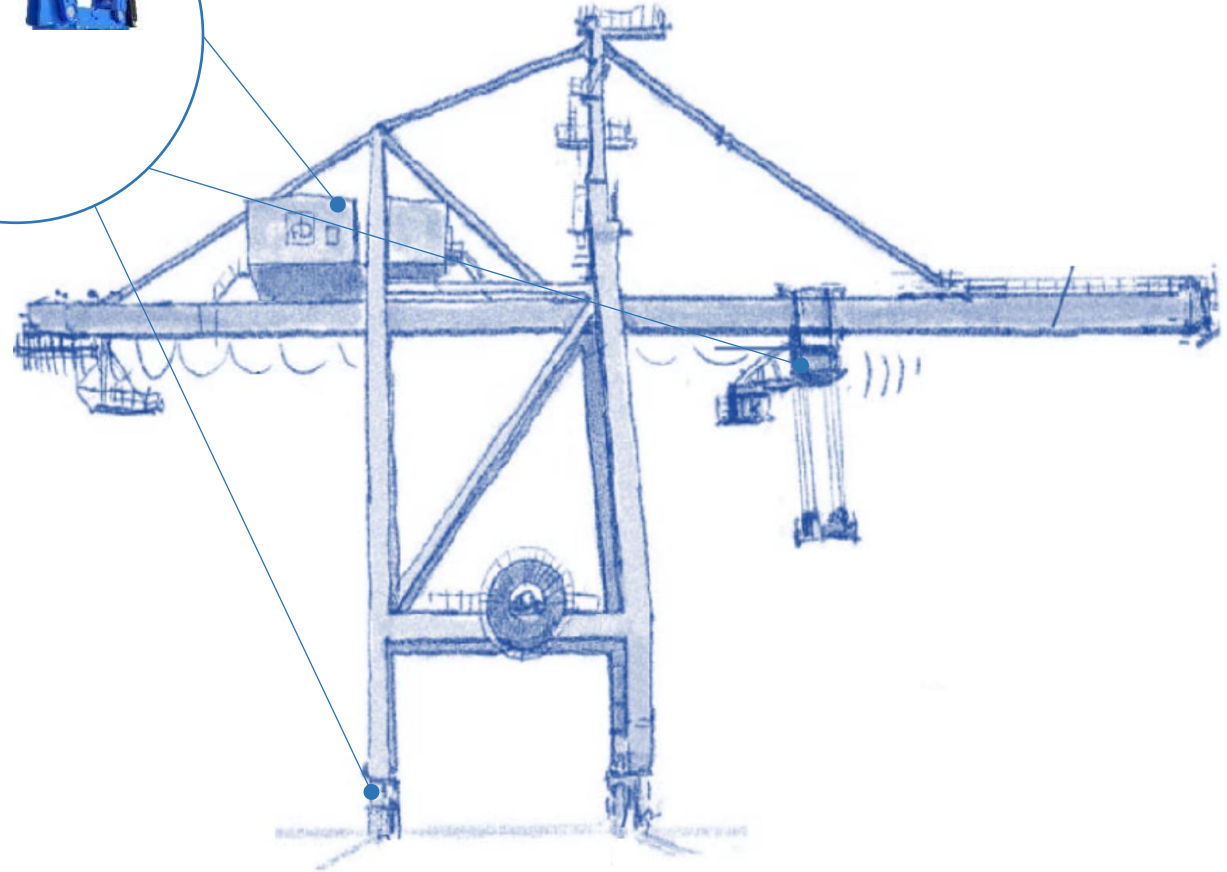
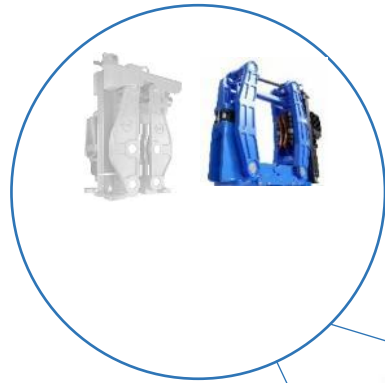


USB: All Size for all Applications

Brake systems

Brakes for all drive systems

- Service brakes

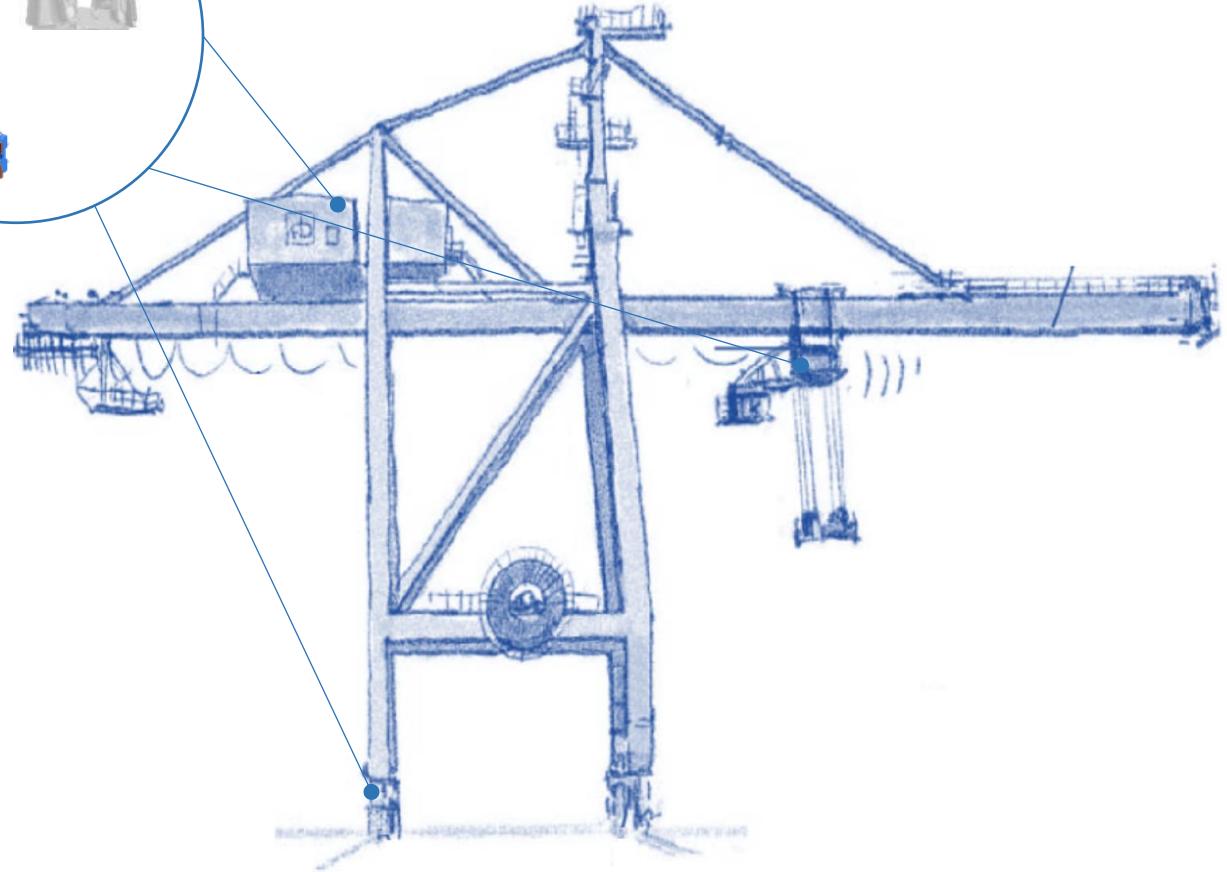
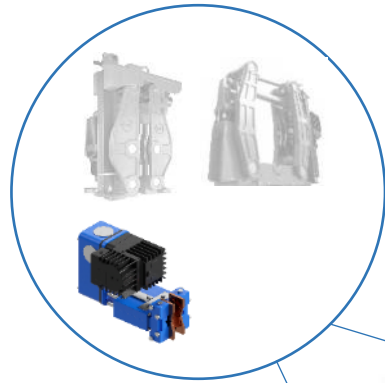
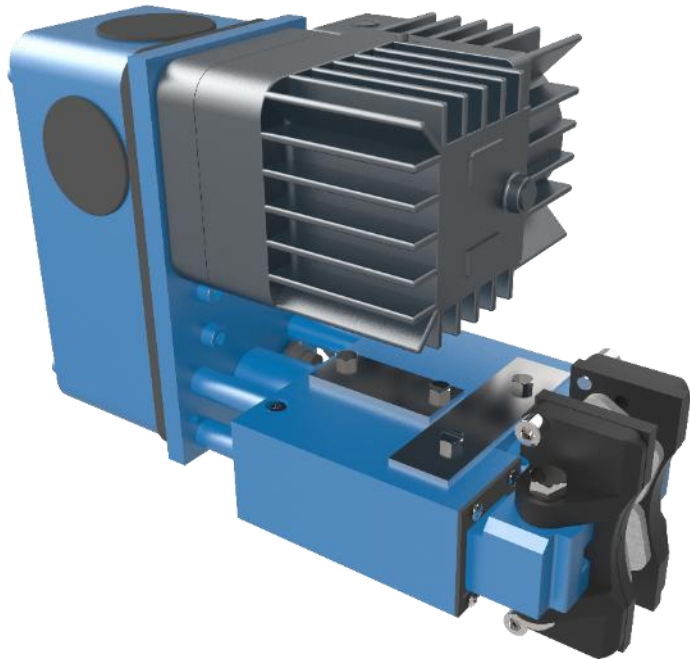


TEXU: Unique Twin Caliper Service Brake

Brake systems

Brakes for all drive systems

- Service brakes

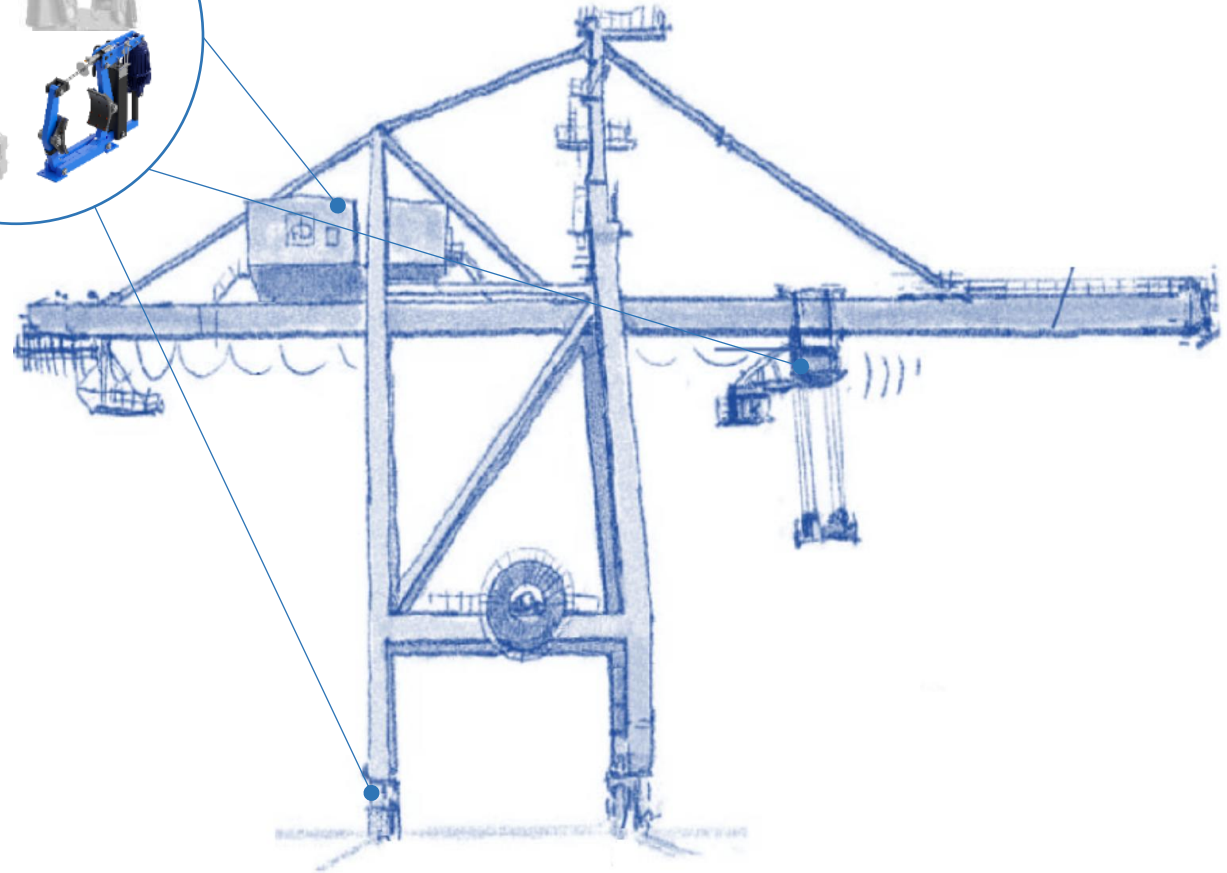
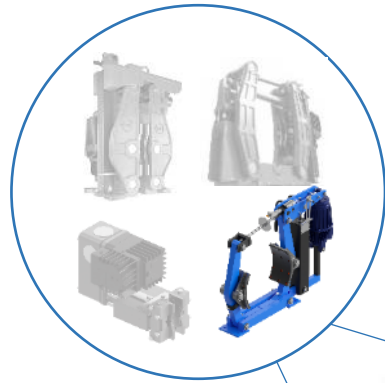


CB8: Unique Free Maintenance Compact Brake

Brake systems

Brakes for all drive systems

- Service brakes

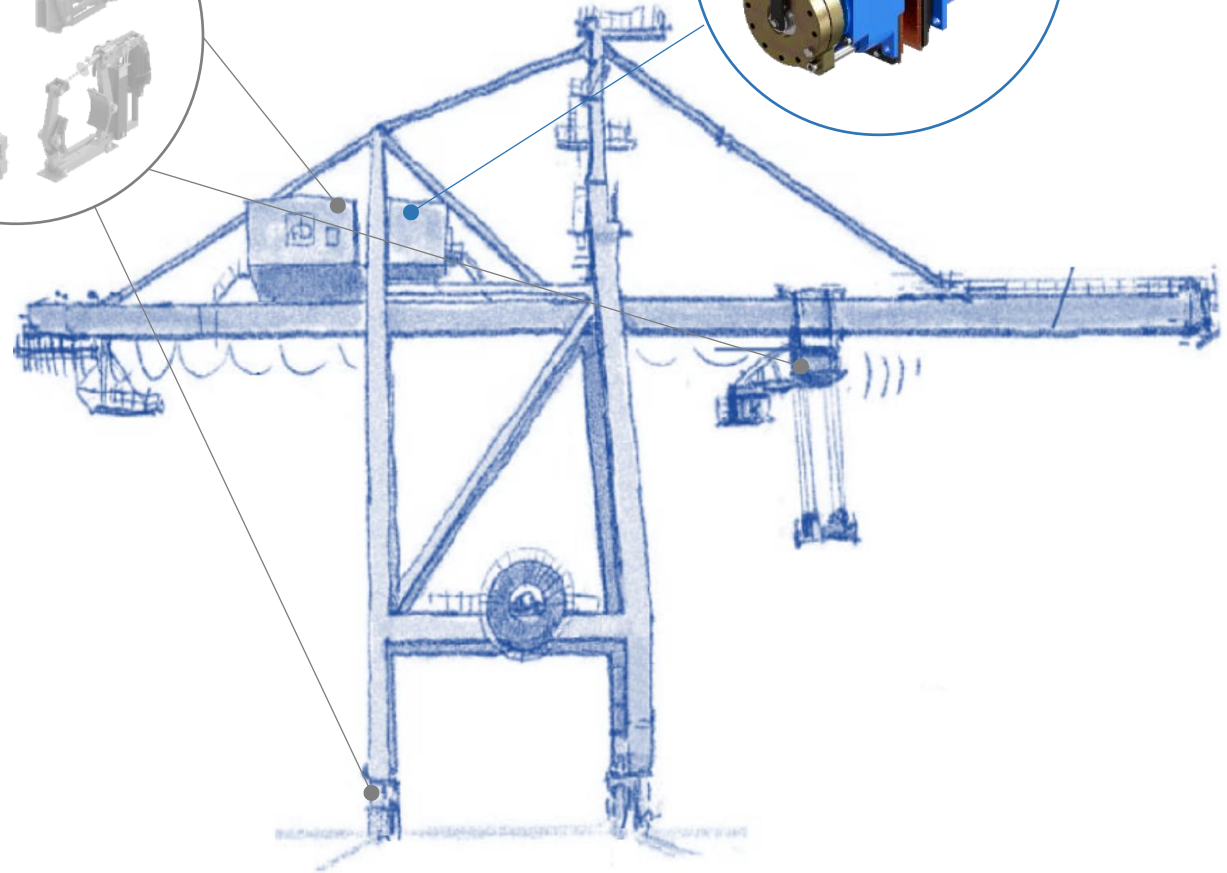
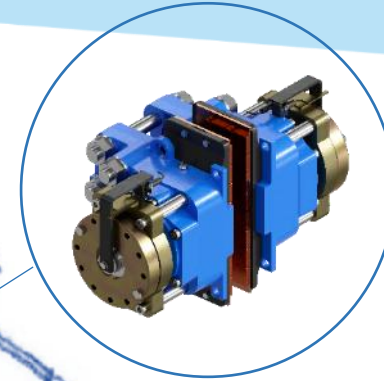
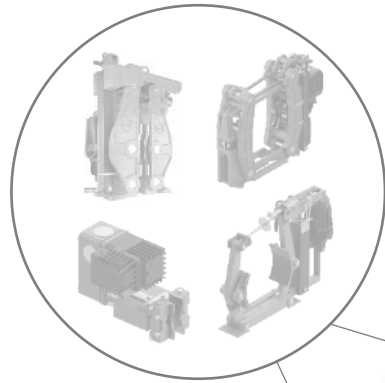
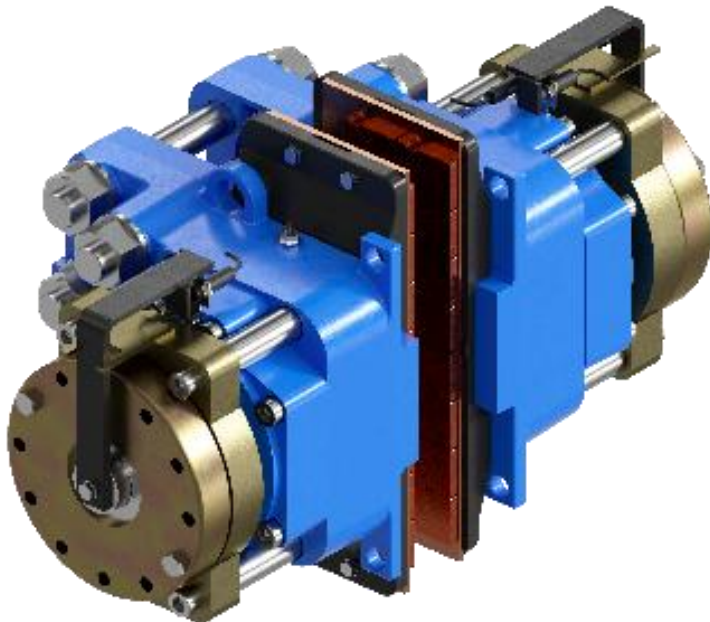


TE: Drum Brake with 60 years of Experience

Brake systems

Brakes for all drive systems

- Service brakes
- Emergency brakes

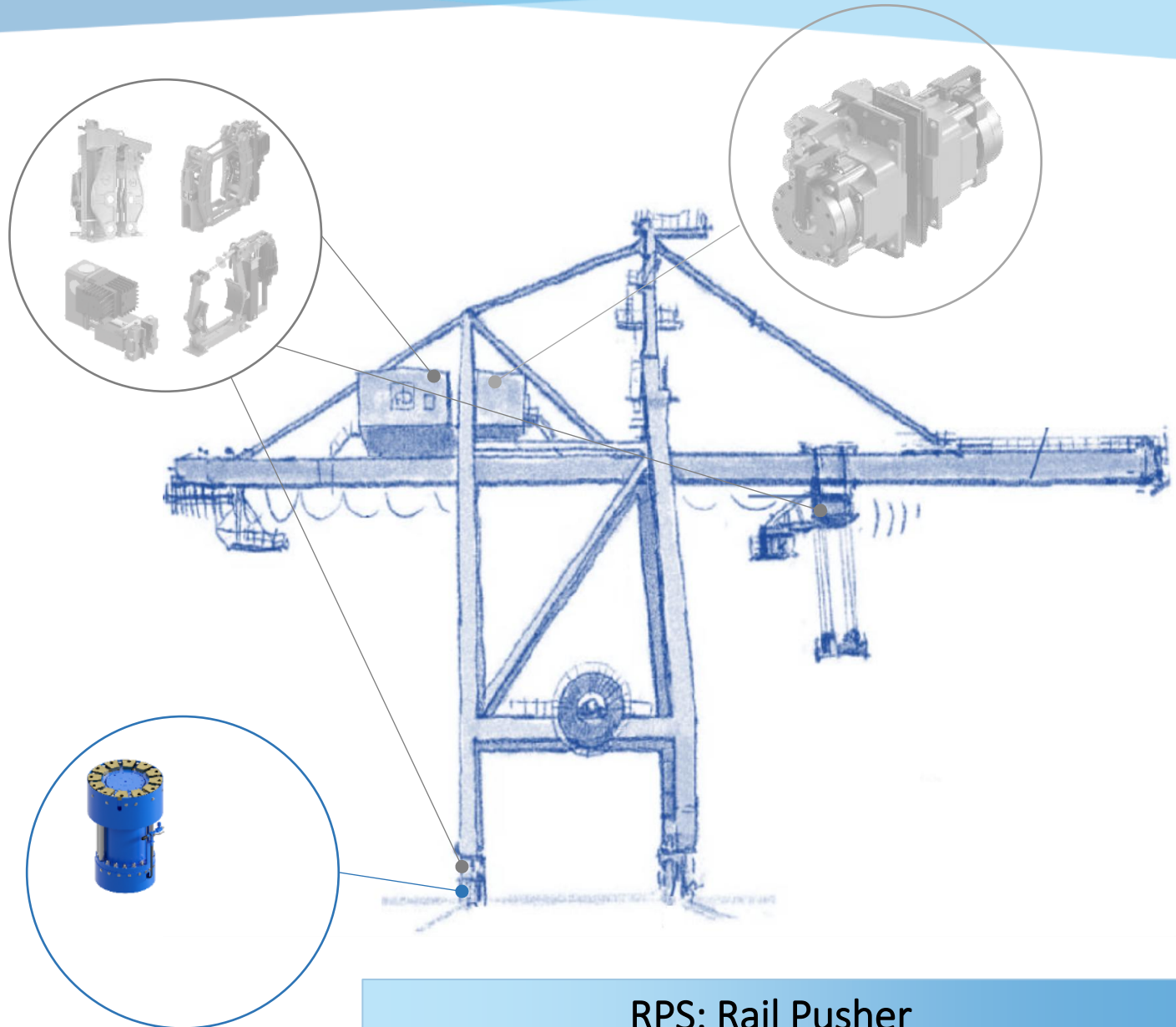


SHI: Unique Design for Free Leakage

Brake systems

Brakes for all drive systems

- Service brakes
- Emergency brakes
- Storm brakes

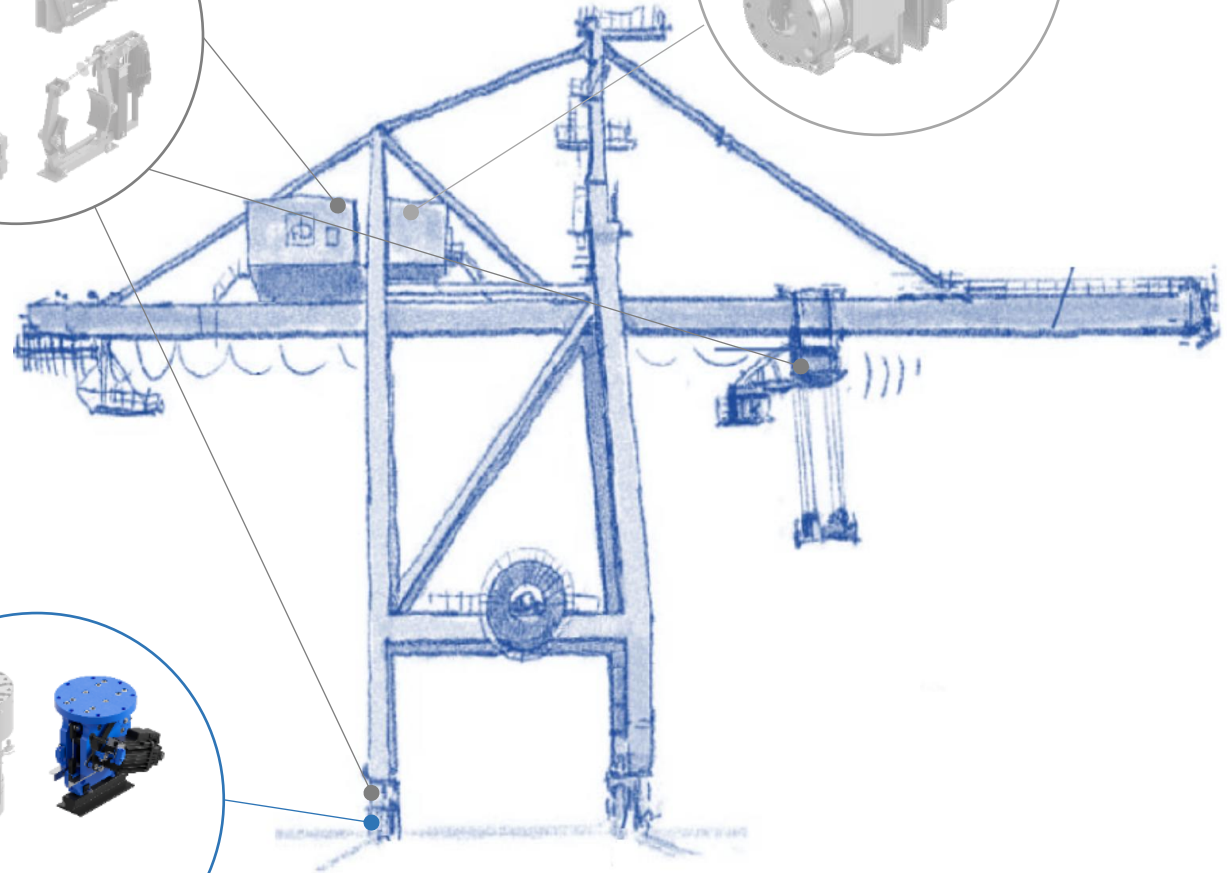
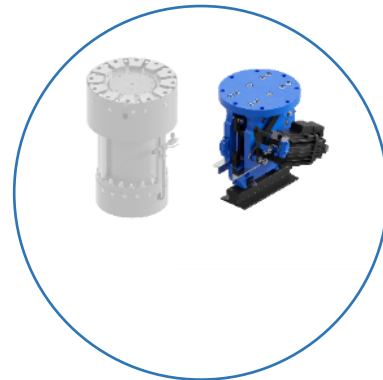
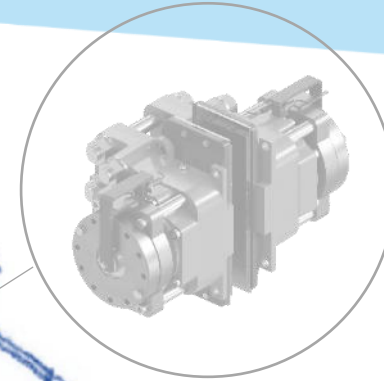
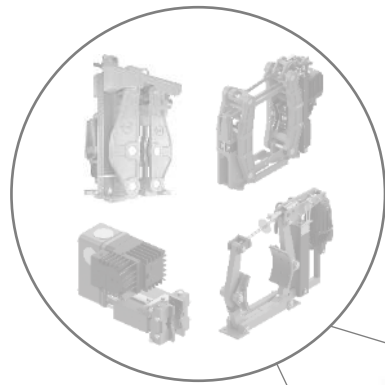
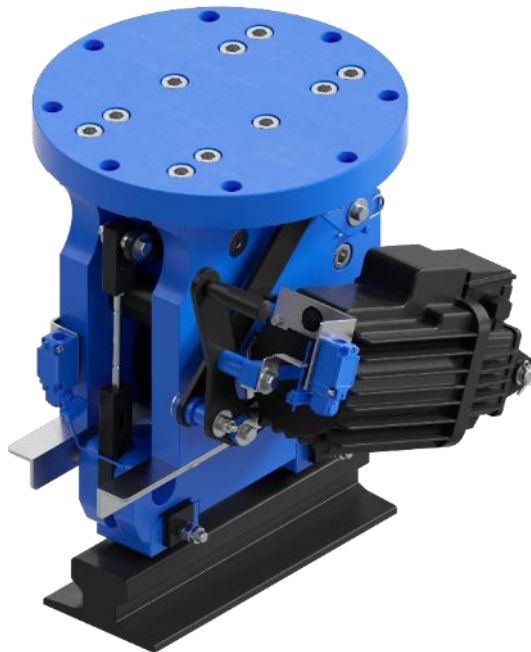


RPS: Rail Pusher

Brake systems

Brakes for all drive systems

- Service brakes
- Emergency brakes
- Storm brakes

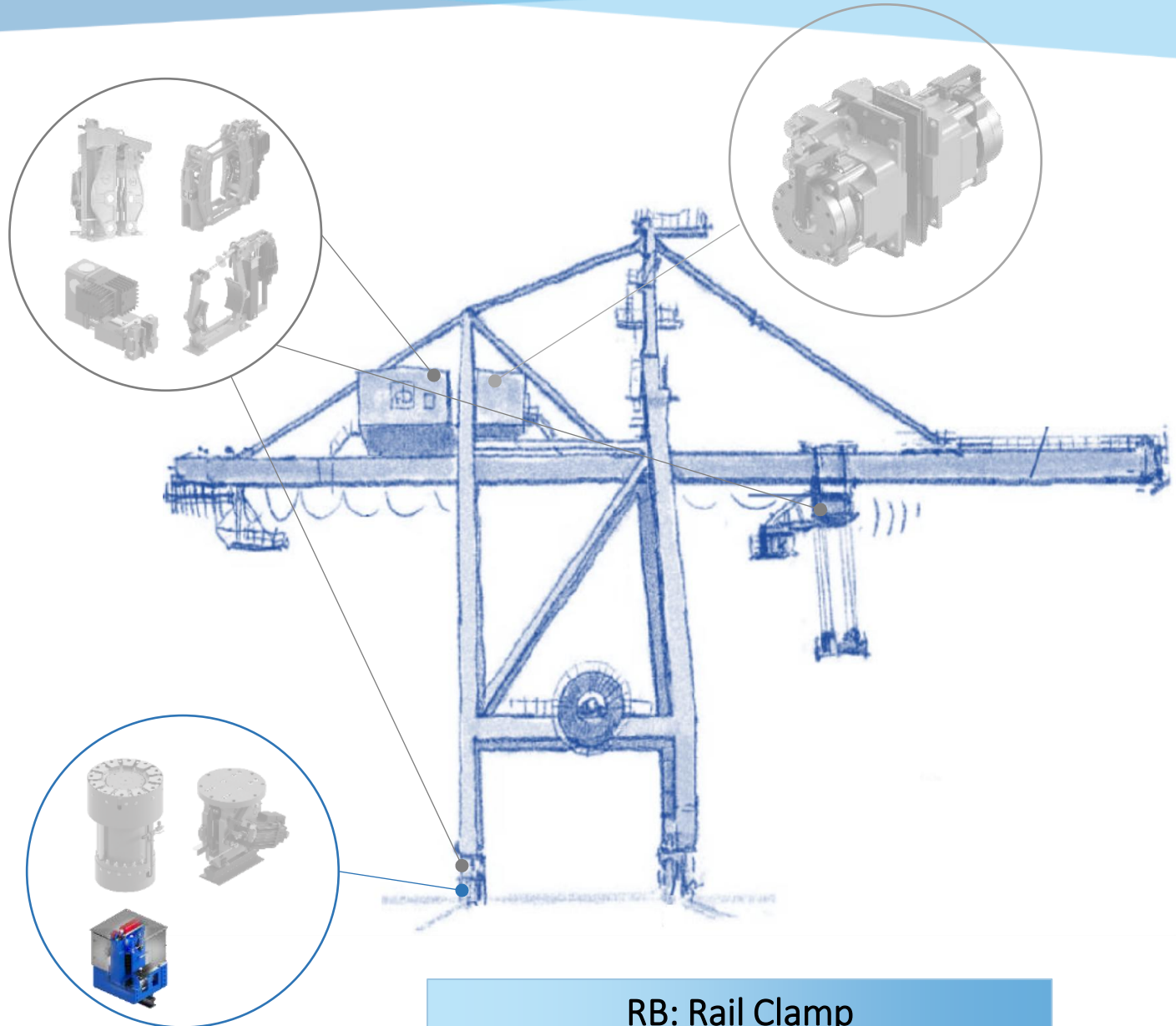
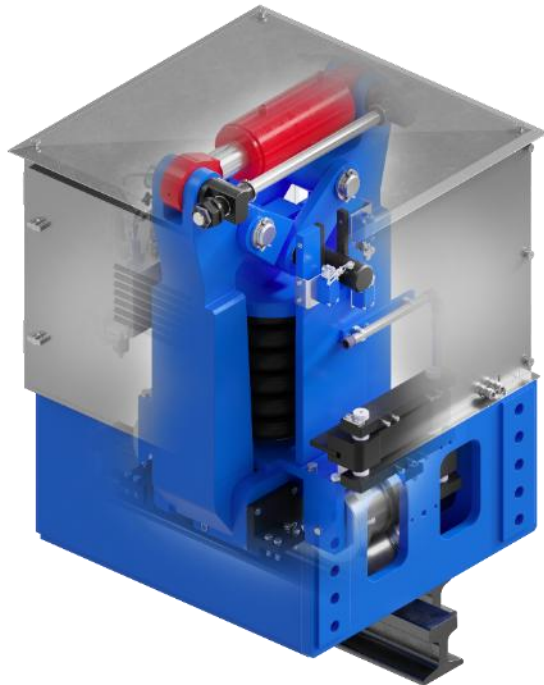


RTCB: Rail Pusher with Integrated Thruster

Brake systems

Brakes for all drive systems

- Service brakes
- Emergency brakes
- Storm brakes

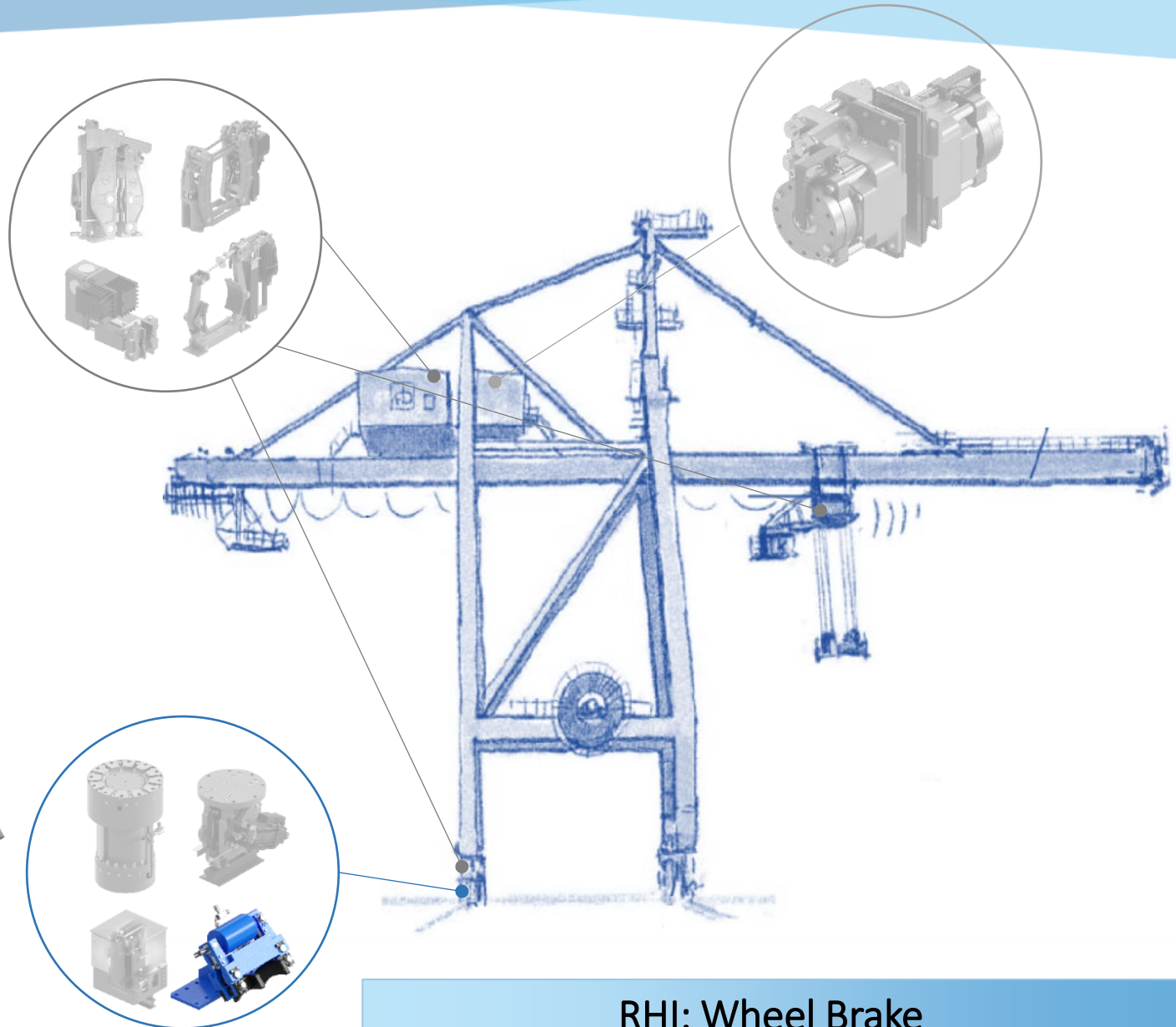
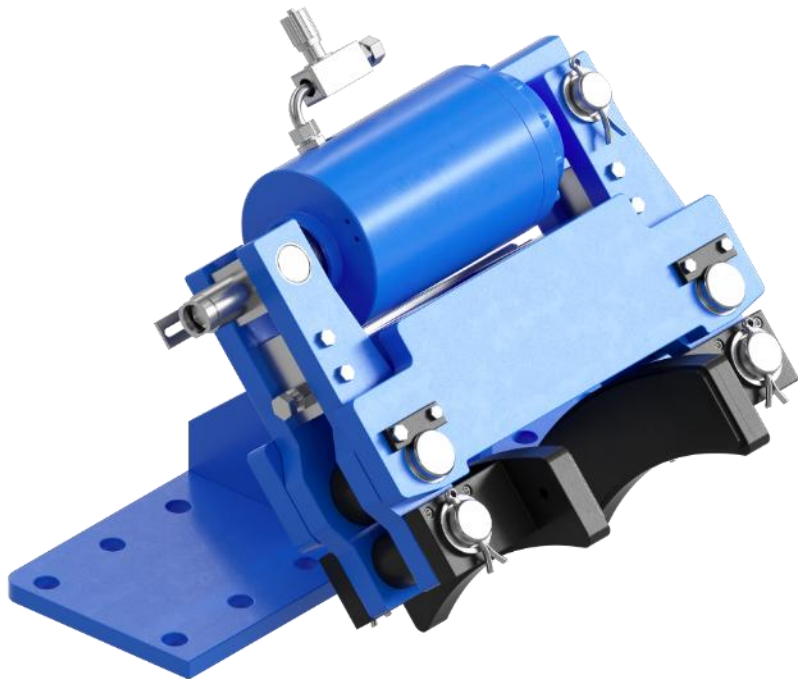


RB: Rail Clamp

Brake systems

Brakes for all drive systems

- Service brakes
- Emergency brakes
- Storm brakes

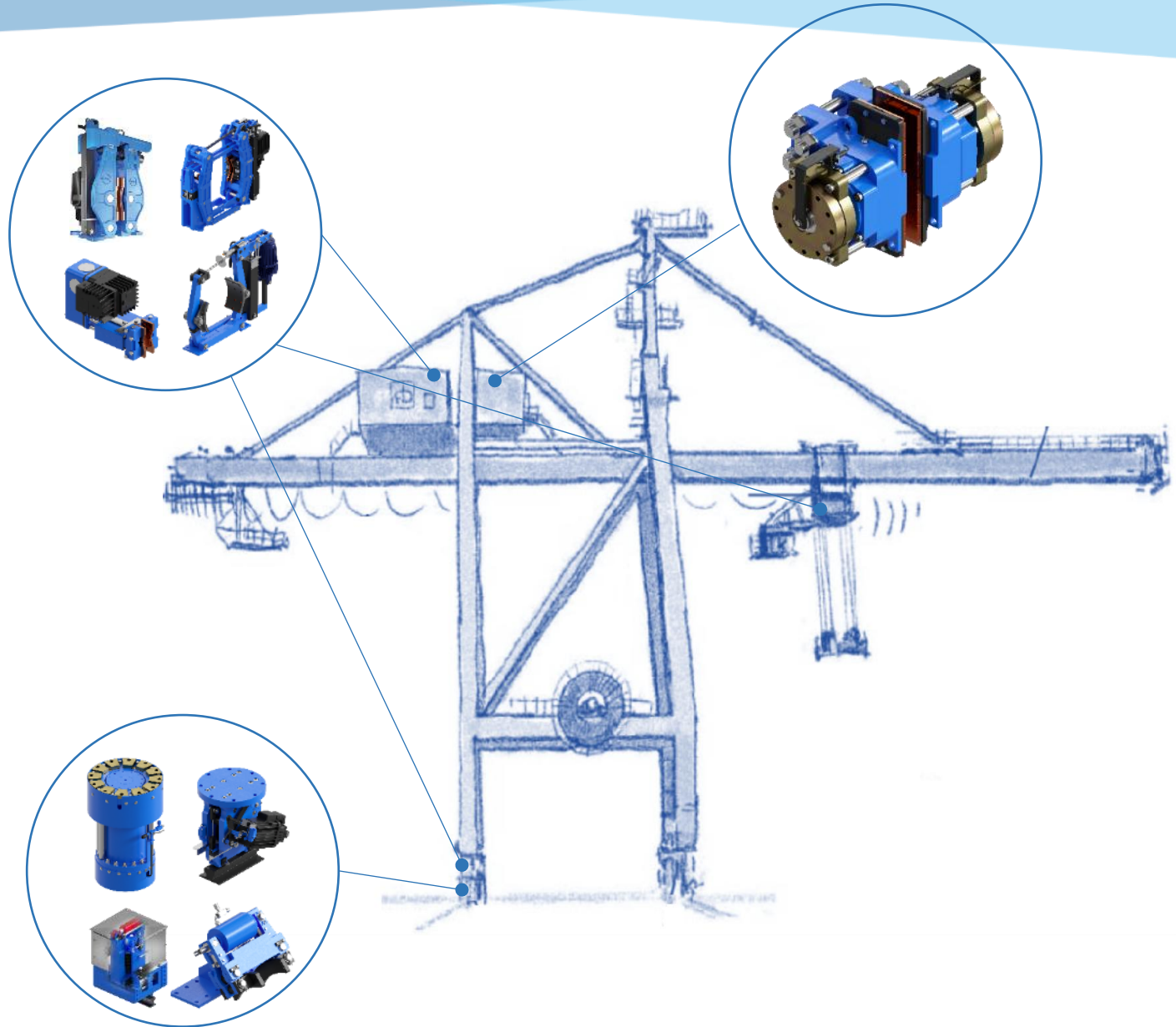


RHI: Wheel Brake

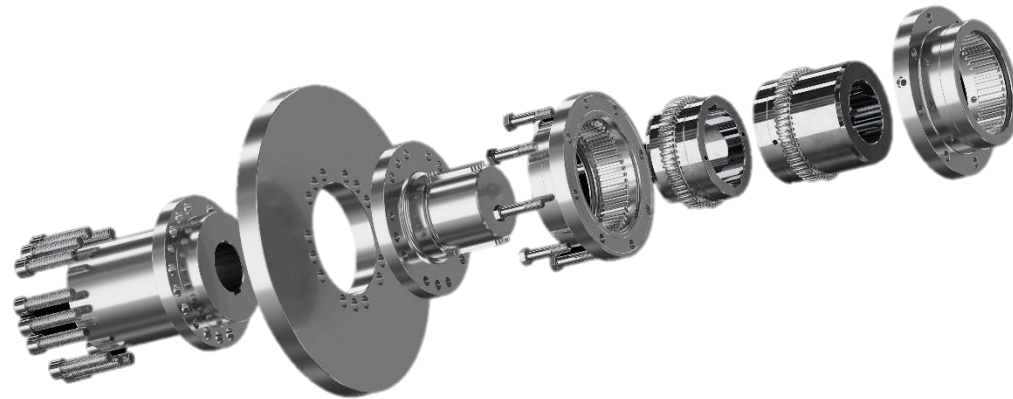
Brake systems

Brakes for all drive systems

- Service brakes
- Emergency brakes
- Storm brakes

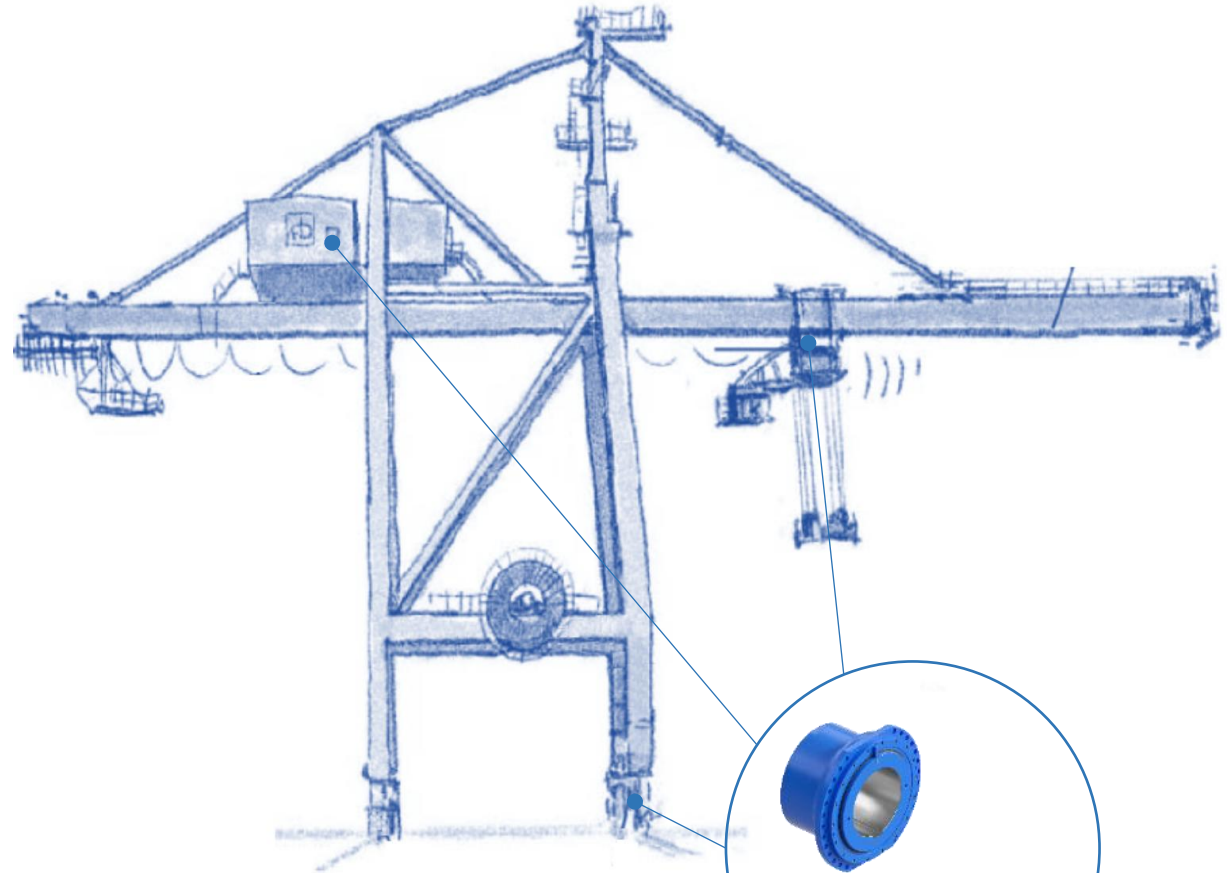
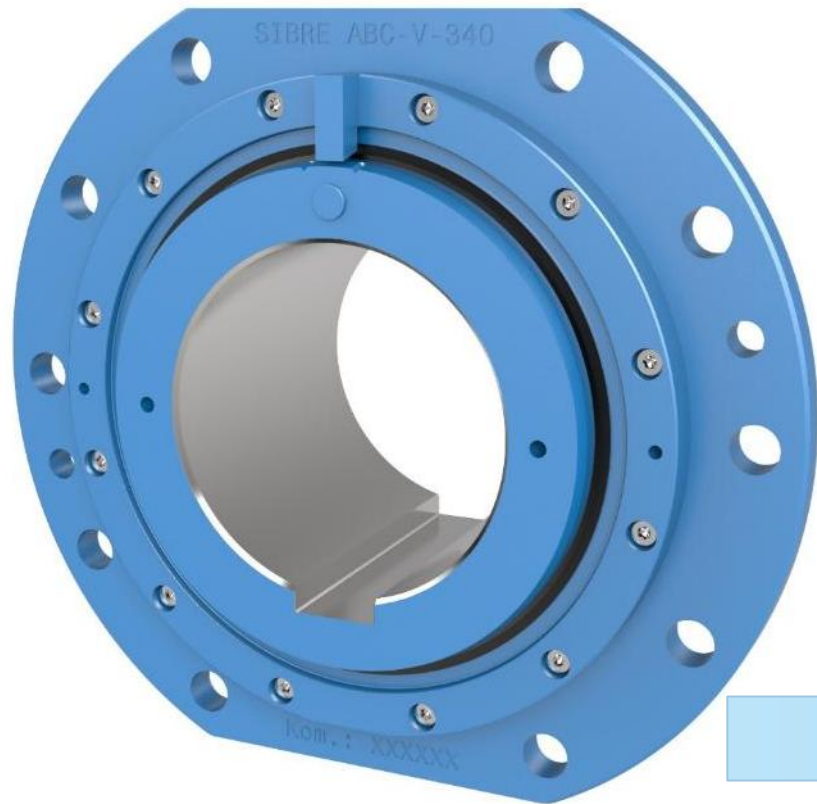


DRIVE COMPONENTS



Drive components

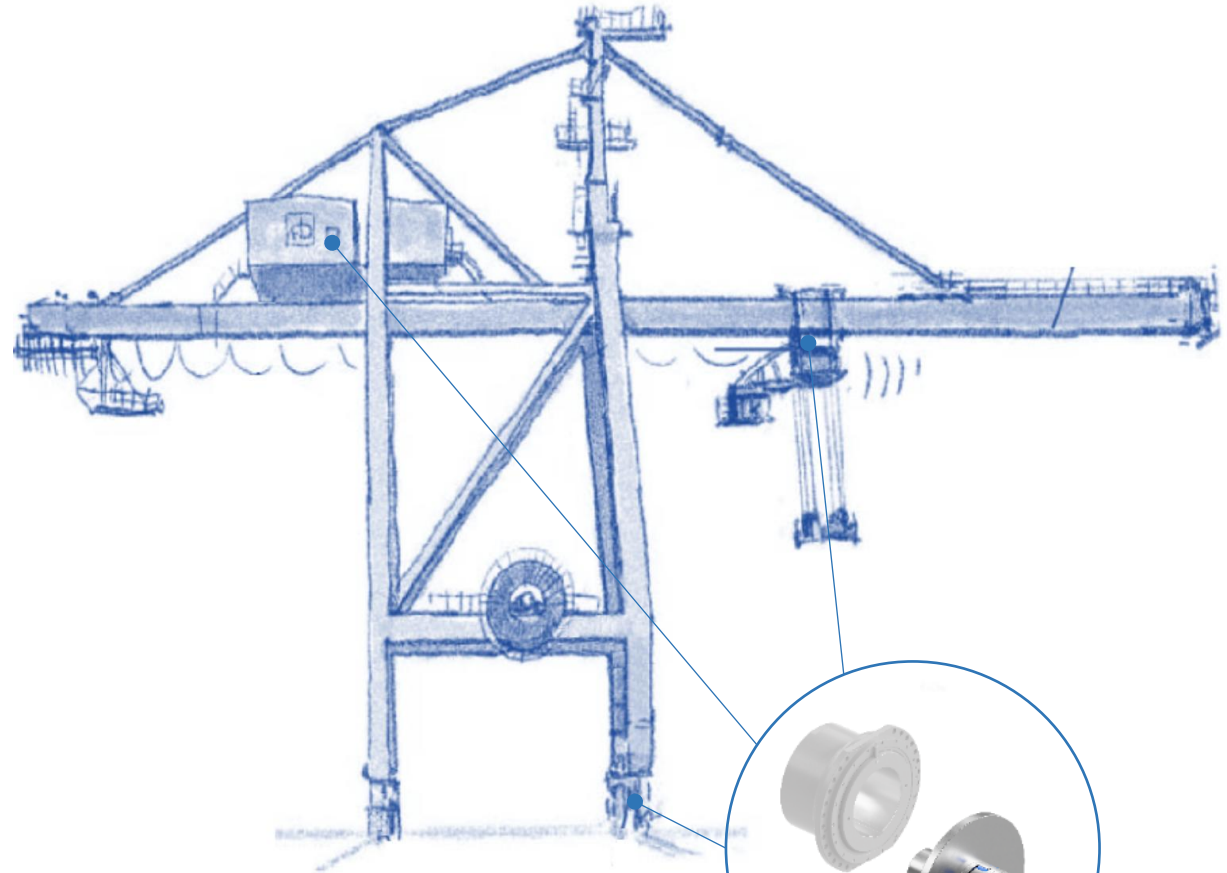
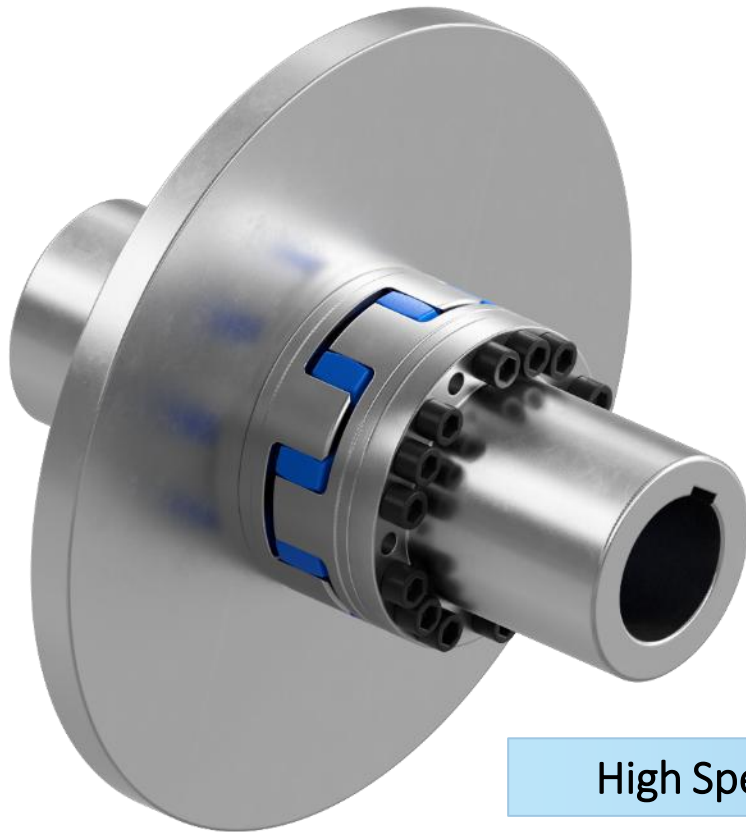
- Couplings



ABC: Low Speed Barrel Coupling

Drive components

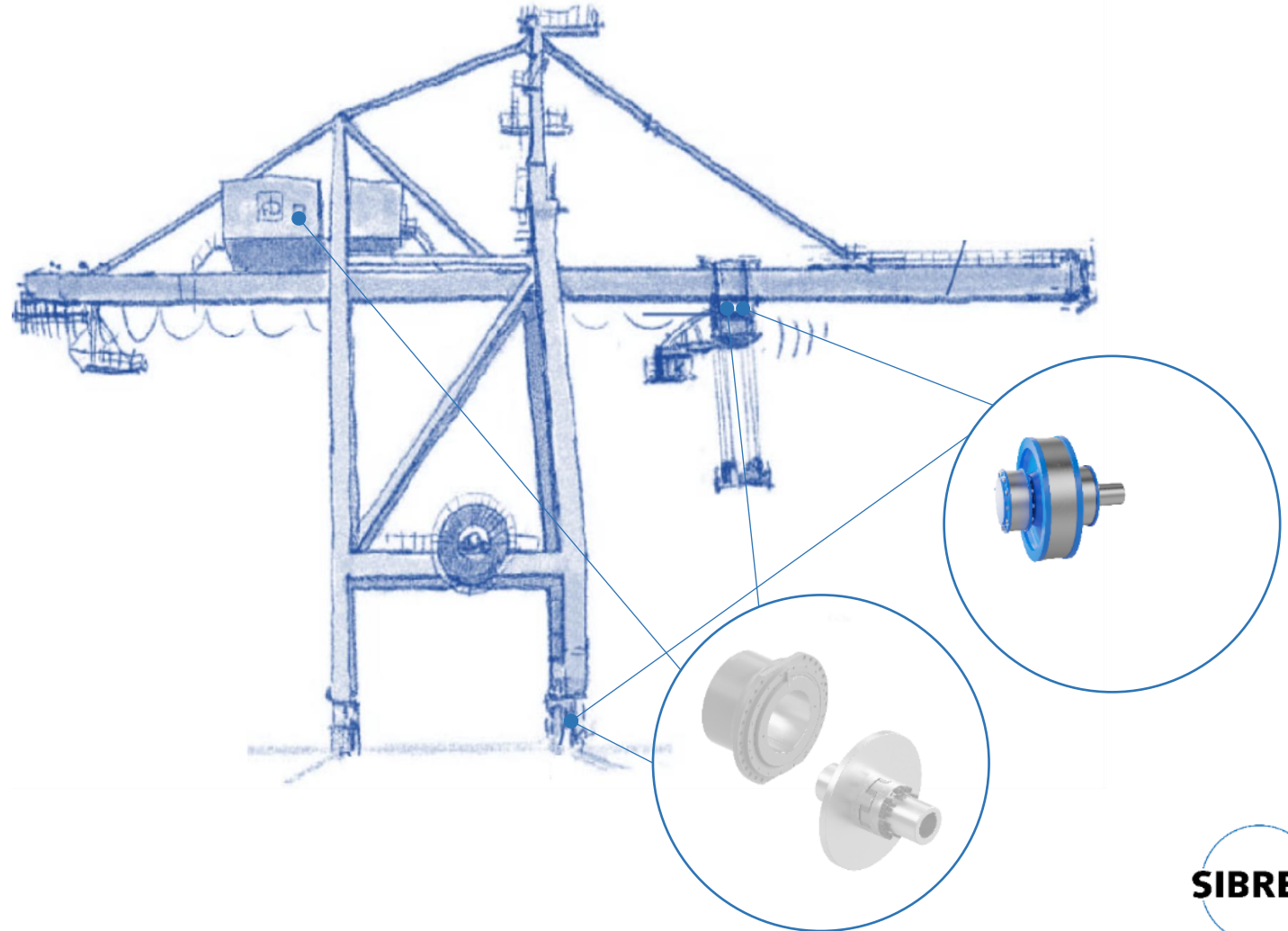
- Couplings



High Speed Couplings. Disk and Drum type

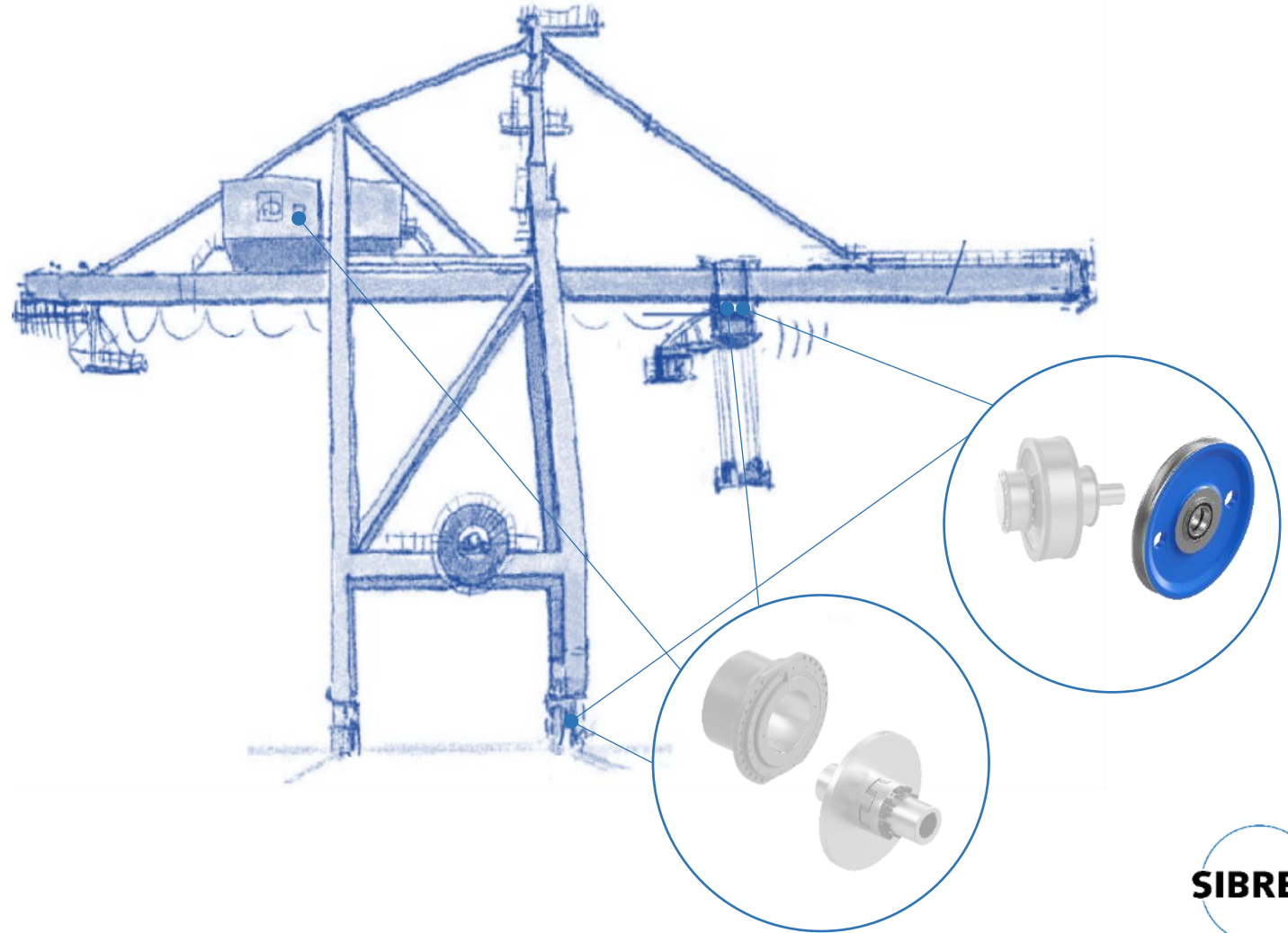
Drive components

- Couplings
- Crane wheels



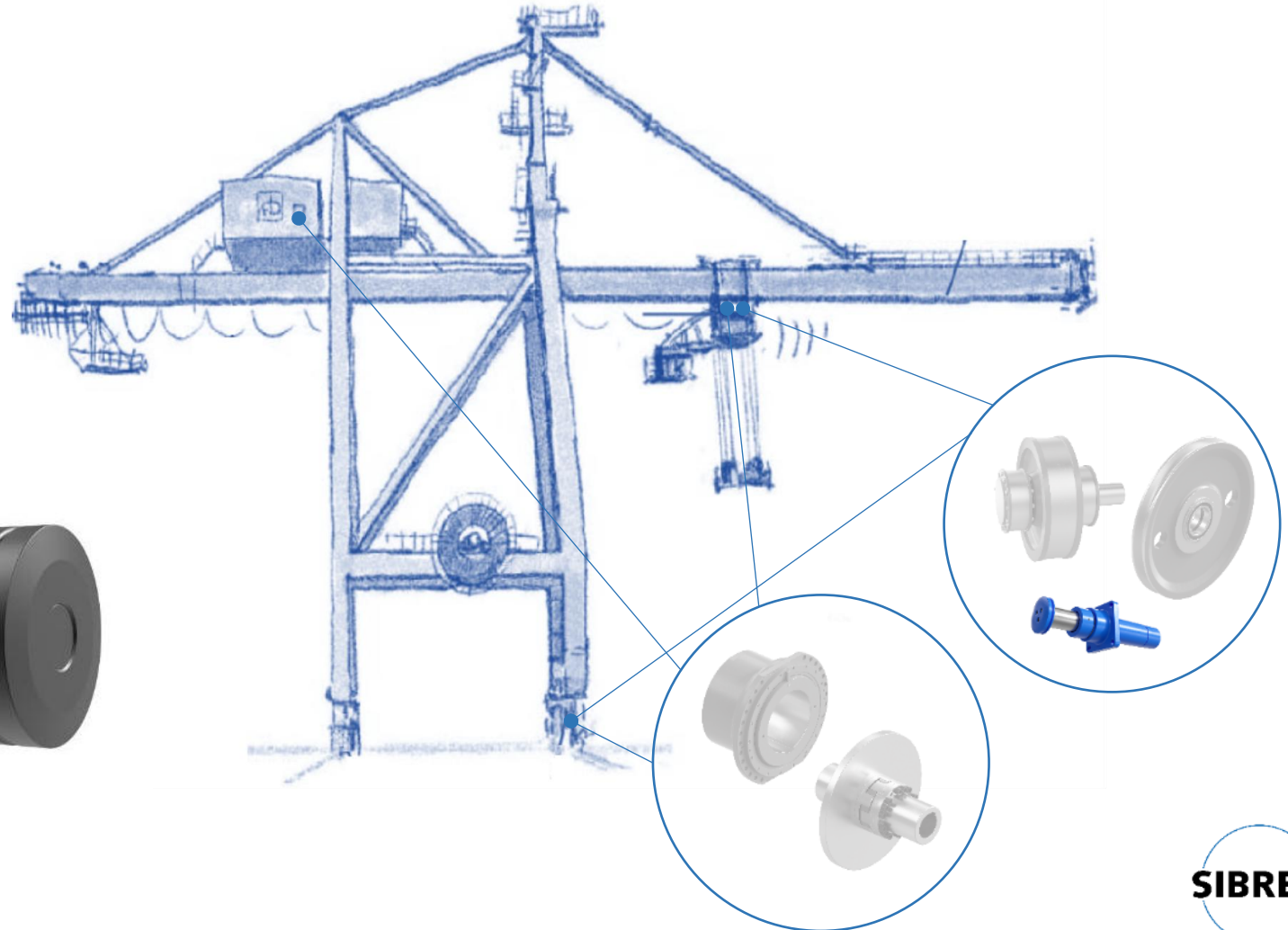
Drive components

- Couplings
- Crane wheels
- Sheaves



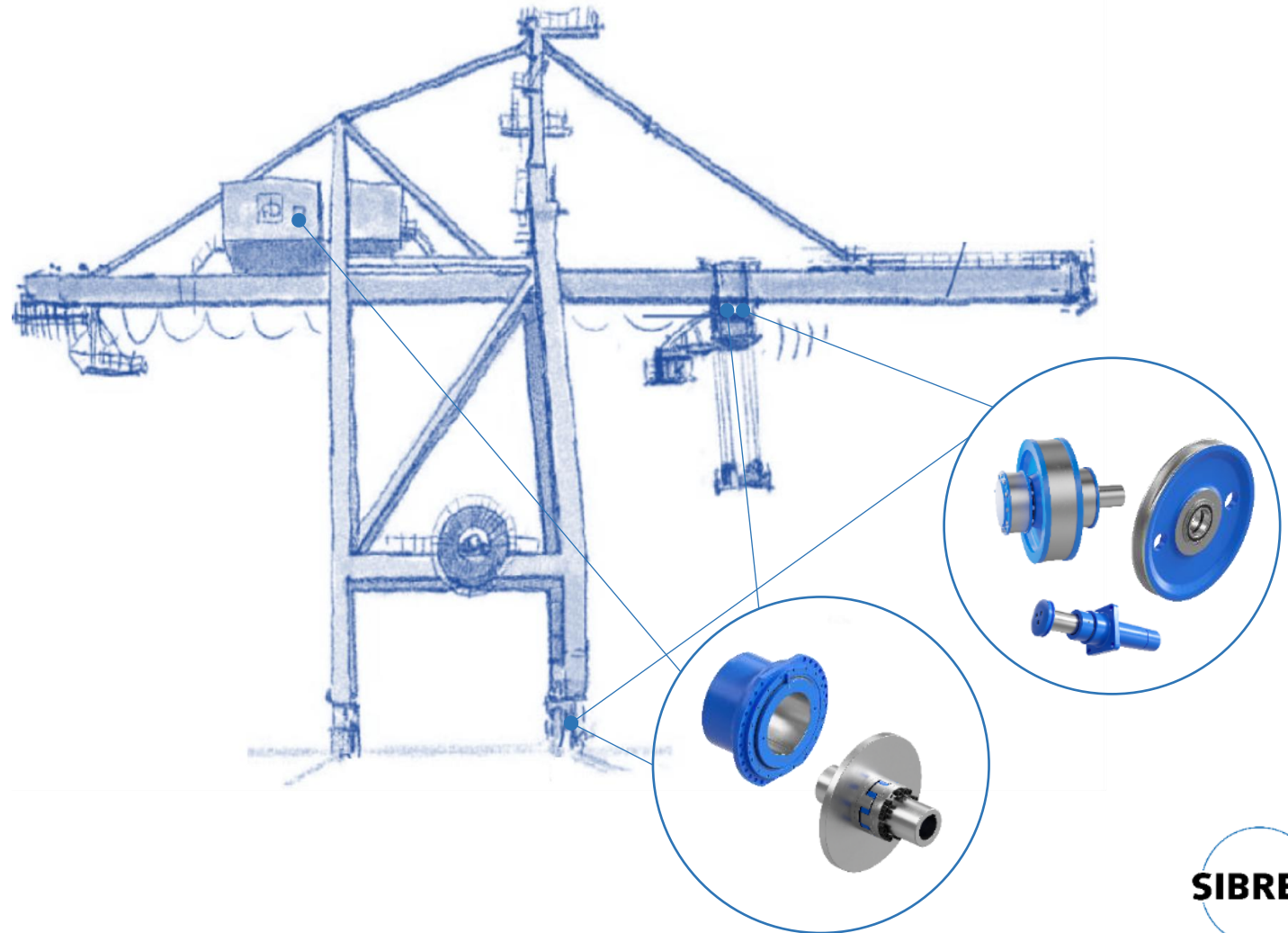
Drive components

- Couplings
- Crane wheels
- Sheaves
- Buffers



Drive components

- Couplings
- Crane wheels
- Sheaves
- Buffers



SLP

Snag Load Protection

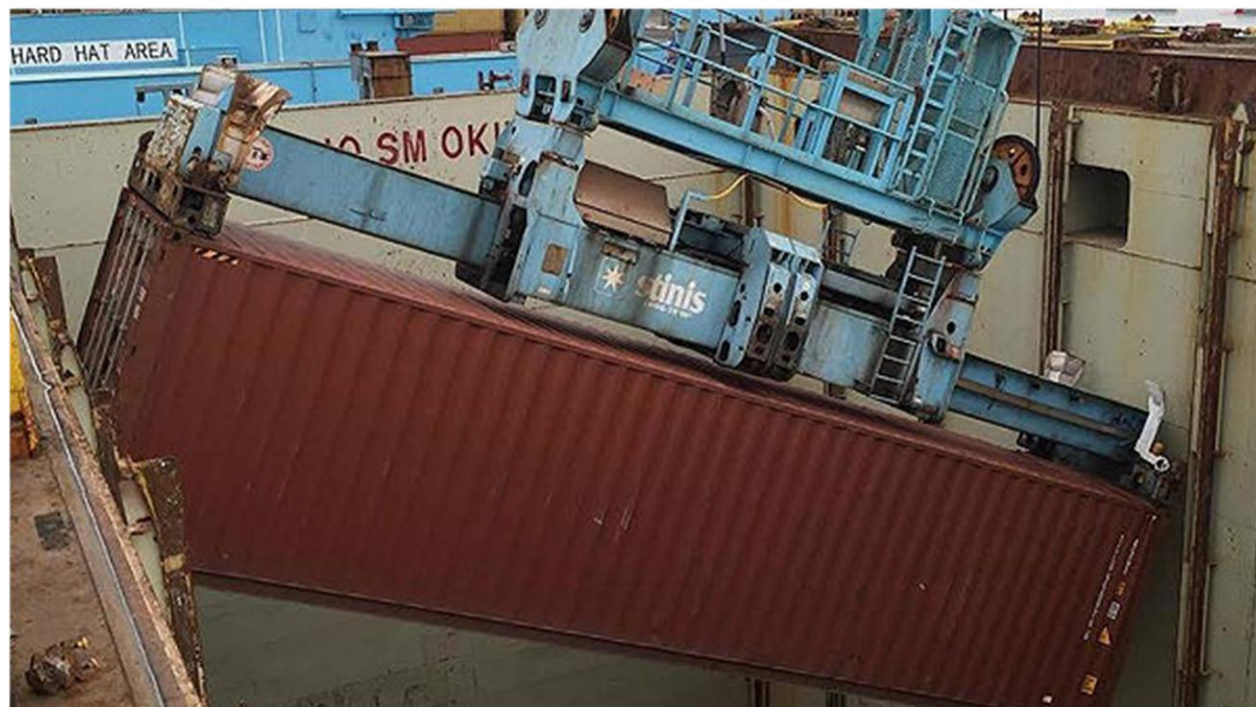


SLP antisnag system

Unique Preventive Antisnag System

❌ Traditional antisnag system (cylinders and load cells) react after the snag situation has occurred.

✅ SIBRE SLP (electronic preventive system) detects and avoids the snag situation before it occurs.

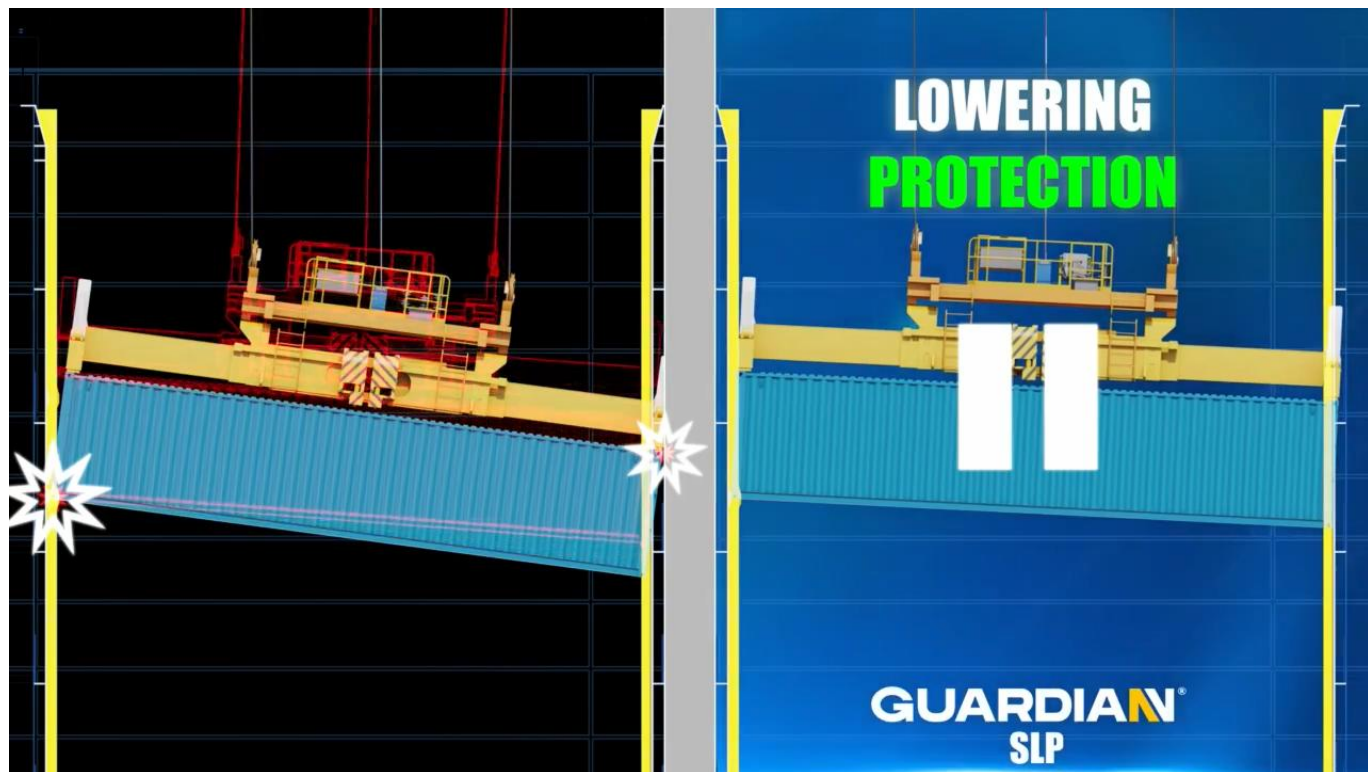


SLP antisnag system

Protection in hoisting and lowering operation

❌ Traditional antisnag system does not react during lowering

✅ SIBRE SLP detects and reacts in hoisting and lowering

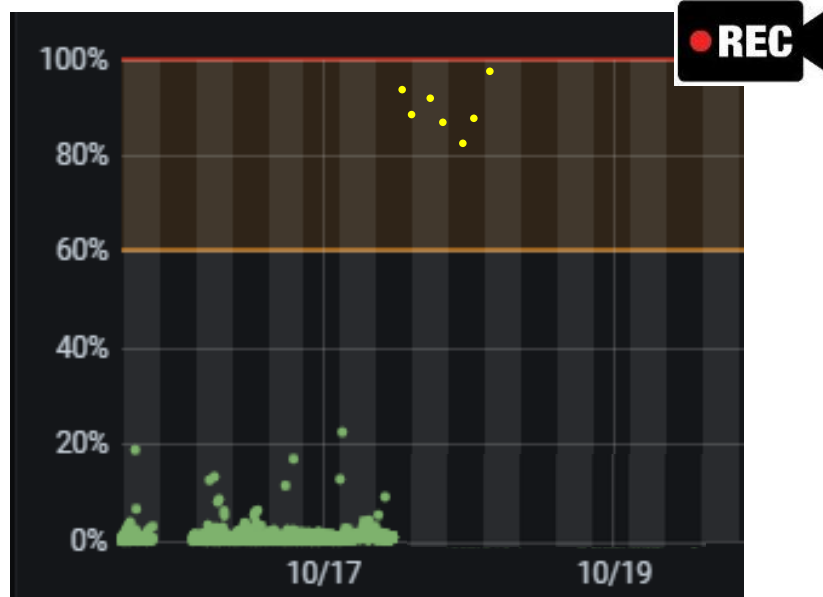


SLP antisnag system

Operation analysis

Data from SLP system allows:

- ✓ Snag alarms register
- ✓ Impact detection and analysis
- ✓ Cycle intensity dashboard
- ✓ Video recording of events



AS A ONE STOP SUPPLIER,
SIBRE DELIVERS COMPREHENSIVE
SOLUTIONS FOR ALL DRIVES IN CRANES.

SERVICE-BRAKES



STORM-BRAKES



SAFETY-BRAKES



SNAG LOAD PROTECTION



WHEELS & SHEAVES



COUPLINGS



Many thanks for your attention!

Sure to be Safe