



DELLNER BUBENZER

Revolution for Industrial Brake Services

Innovation, Safety, and Smart Technology

March 12, 2026

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www.dellnerbubenzner.com



WELCOME TO DELLNER BUBENZER



DELLNER BUBENZER is a global leader in the design and manufacture of braking systems. Our unrivaled braking equipment offers customized stop-action solutions for a wide variety of industries from sea to sky, and everything in between.

For decades DELLNER BUBENZER products have been recognized worldwide as innovative braking solutions that are precision engineered to meet the highest quality standards.

DELLNER BUBENZER



INDUSTRIES SERVED



BRIDGES & MOVEABLE
STRUCTURES



CONTAINER
HANDLING



CRANES
& HOISTS



GENERAL
INDUSTRY



IRON &
STEEL



MARINE
PROPULSION



MATERIAL
HANDLING



MINING & BULK
HANDLING



OFFSHORE



OIL & GAS



PULP & PAPER



WIND ENERGY

PRODUCT TYPES

Caliper / Disc Brakes

Couplings

Drum & Band Brakes

Hydraulic Systems

Locking Devices

Monitoring & Control Systems

Motor Mounted Brakes

Pneumatic Drum
Clutches & Brakes

Stop Turn Lock Systems

Storm Brakes
(Rail & Wheel Brakes)

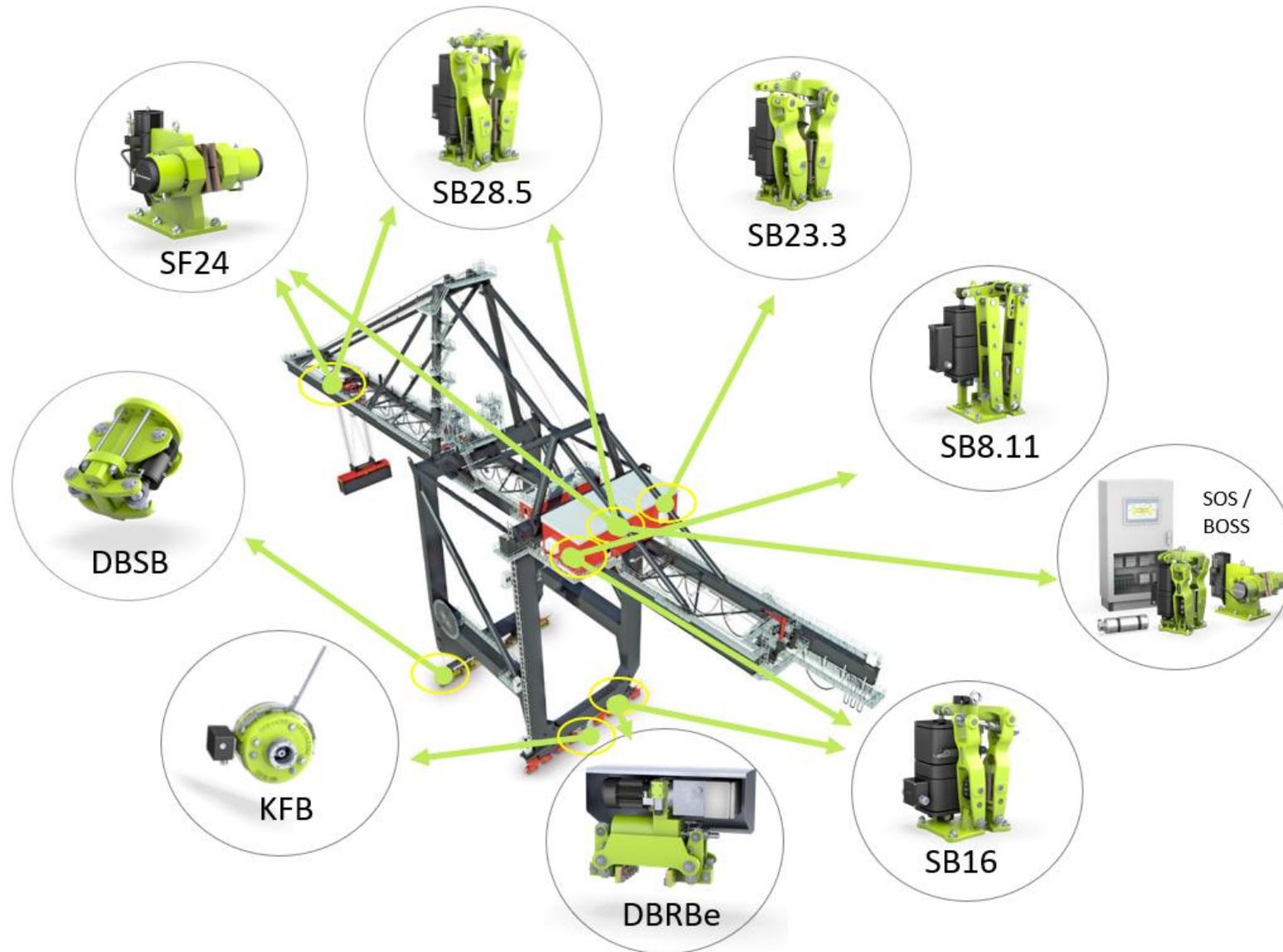
Thruster / BUEL®

Wind Turbine Brakes &
Sliding Bearings



SELECTION EXAMPLE

STS



EVOLUTION STARTS WITH A PIONEER

INTRODUCING THE BUEL



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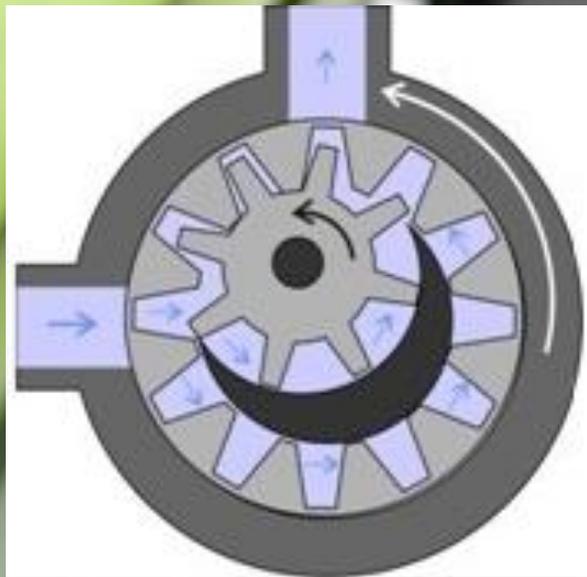
Sustainability

▶ BUEL® Thruster &
Reduced Energy Costs

▶ Reduced Fluid Volume

▶ Eco-friendly
Biodegradable Oil

MAIN FEATURES



Sustainability

▶ BUDEL® Thruster & Reduced Energy Costs

▶ Reduced Fluid Volume

▶ Eco-friendly
Biodegradable Oil

PIONEERS OF BRAKE INNOVATION



SB 16
Up to 890 Nm



SB 23.3
Up to 5.165 Nm



SB 28.5
Up to 23.400 Nm



SB 30
Up to 28.800 Nm

SB SERIES BRAKE



DELLNER BUBENZER

IS YOUR CRANE SAFE ENOUGH?

www.dellnerbubenzner.com

IS YOUR CRANE SAFE ENOUGH?

ENSURE YOUR CRANE SAFETY



The global climate is changing

The quantity of cranes is rising

The probability of accidents increases

The trigger can be of different origins

IS YOUR CRANE SAFE ENOUGH?

ENSURE YOUR CRANE SAFETY



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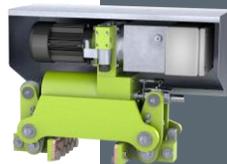


WEATHER CONDITIONS

80 km/h
DRIVE BRAKES



100 km/h
WHEEL BRAKES



160 km/h
RAIL CLAMPS /
RAIL BRAKES



IS YOUR CRANE SAFE ENOUGH?

ENSURE YOUR CRANE SAFETY WEATHER CONDITIONS



No worries about unexpected weather conditions again

Eliminate unexpected incidents

Lock down your crane with the right reaction time of your storm brake

Comparatively small investment for your safety



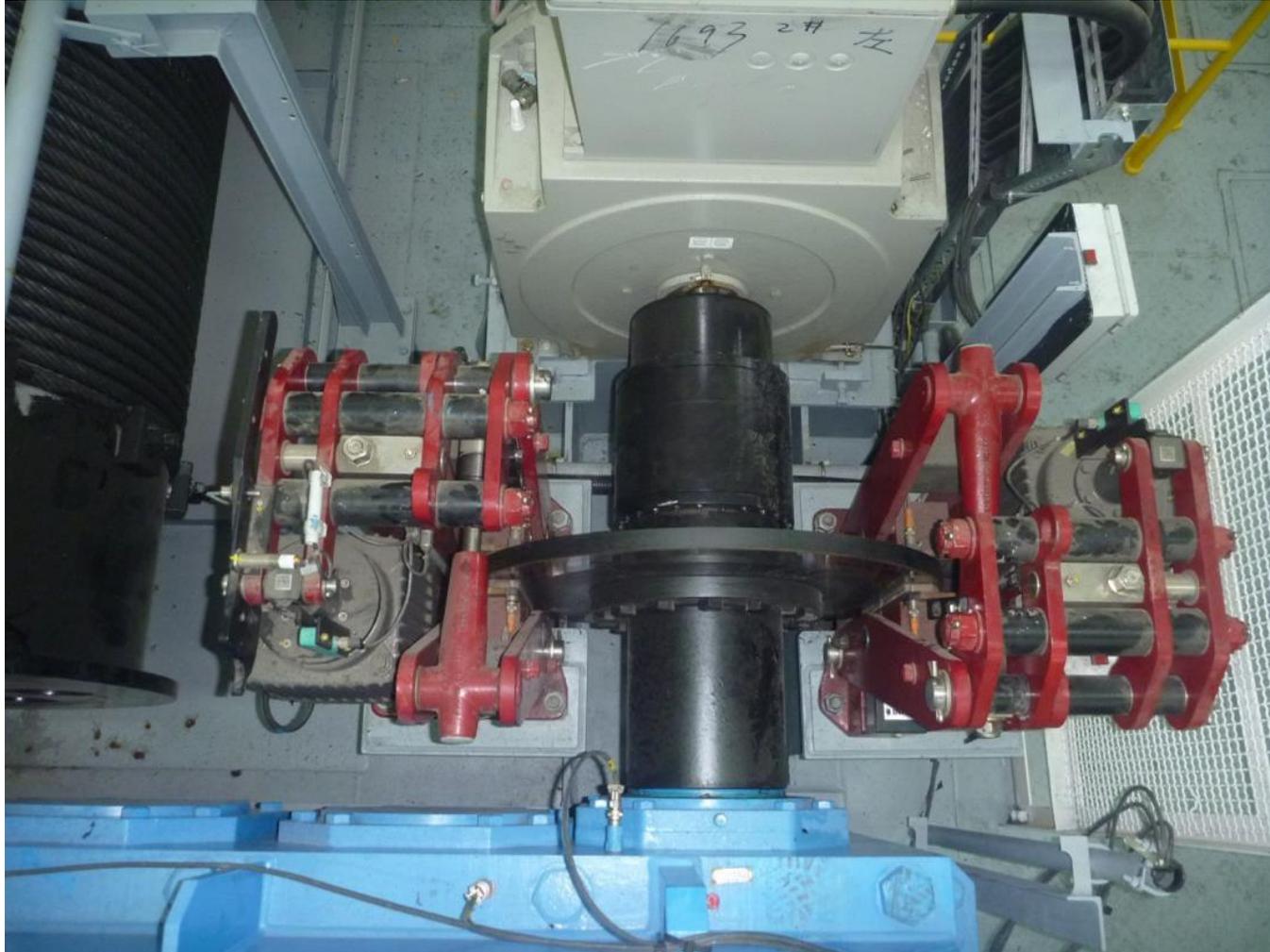
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KBSD Coupling

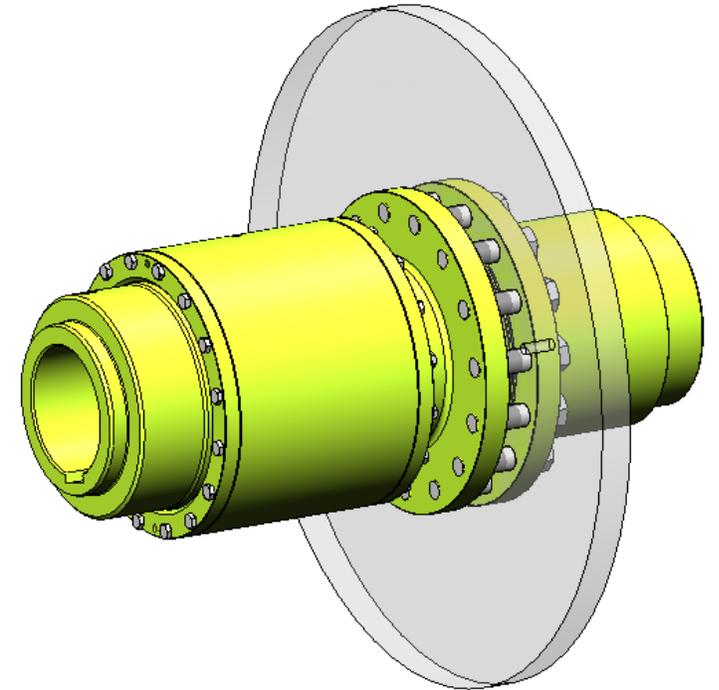




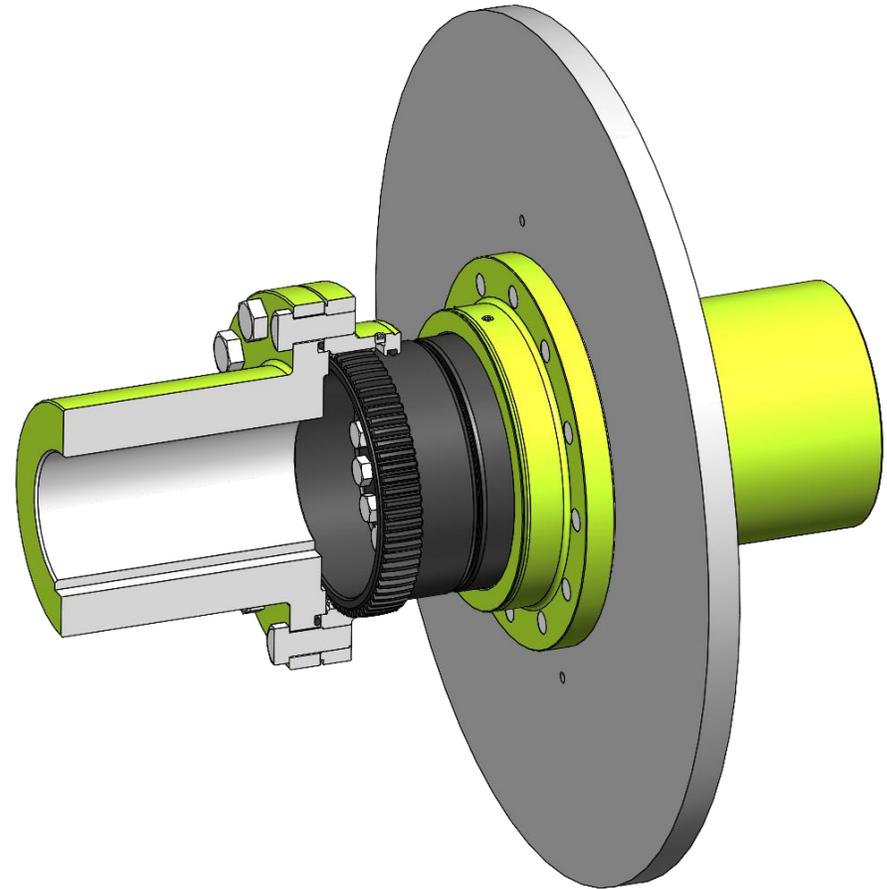
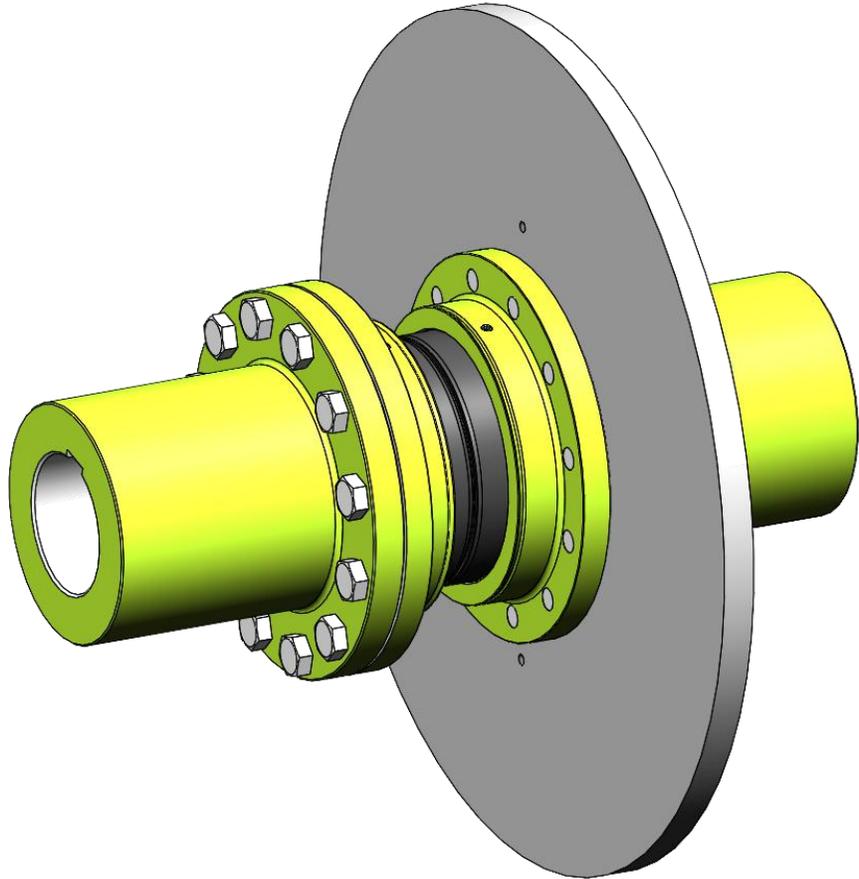
KBSD Coupling



Typical Main Hoist Application

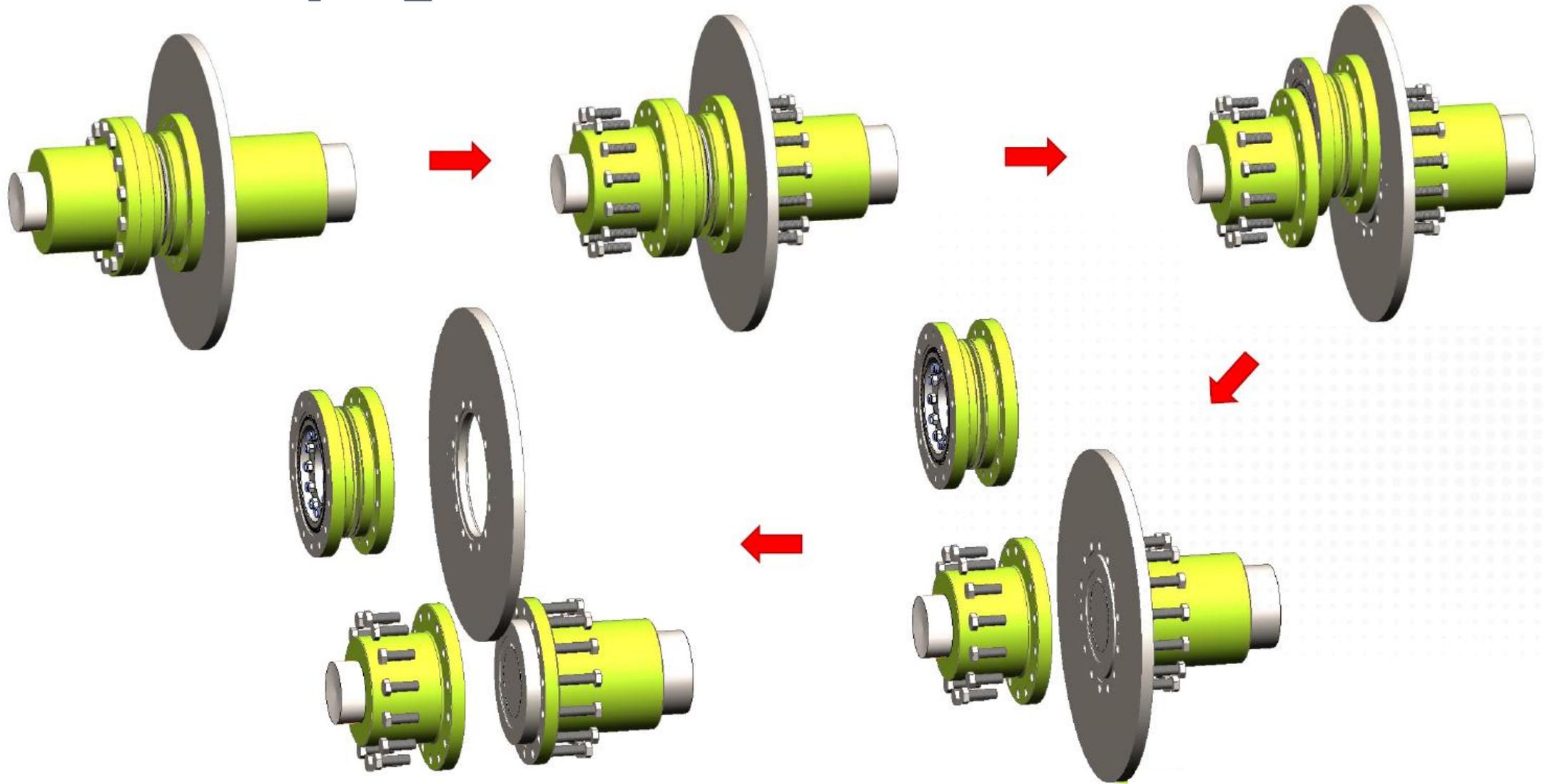


KBT Coupling

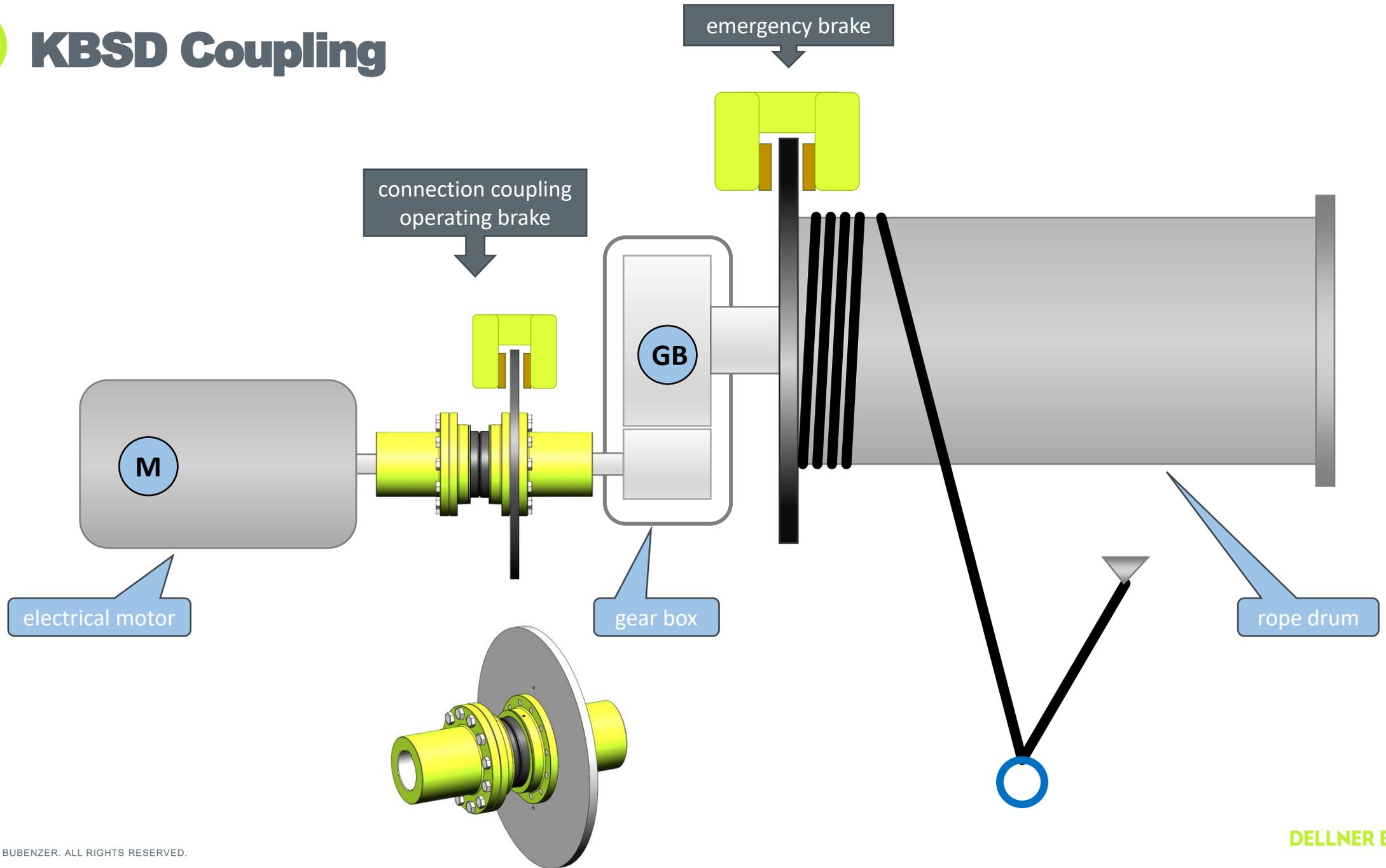


KBSD Coupling

KBSD Coupling



KBSD Coupling





DELLNER BUBENZER

BOSS



IS YOUR CRANE SAFE ENOUGH?

ENSURE YOUR CRANE SAFETY SNAG PREVENTION



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BOSS® BRAKE ONLY SNAG SYSTEM



CONVENTIONAL HYDRAULIC SNAG PROTECTION SYSTEMS

▶ Long-stroke hydraulic cylinders for controlled relief of the main hoist ropes

▶ Delayed reaction time

▶ Personal reset of hydraulic cylinders, inspection of system for leaks, and assessment of any damage

▶ Possible that the reaction time exceeds the actual time of snag event, which could not completely exclude damage and high maintenance effort



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BUBENZER**

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DELLNER BUBENZER BRAKE ONLY SNAG SYSTEM ®

▶ Two-channel load pins are detecting an overload on each corner individually

▶ BOSS® PLC will cut off power for BUEL® H thrusters, service brakes and BUEL® G for emergency brakes and hoist motors

▶ The electrical reaction time is only 20ms until the brakes are switched off

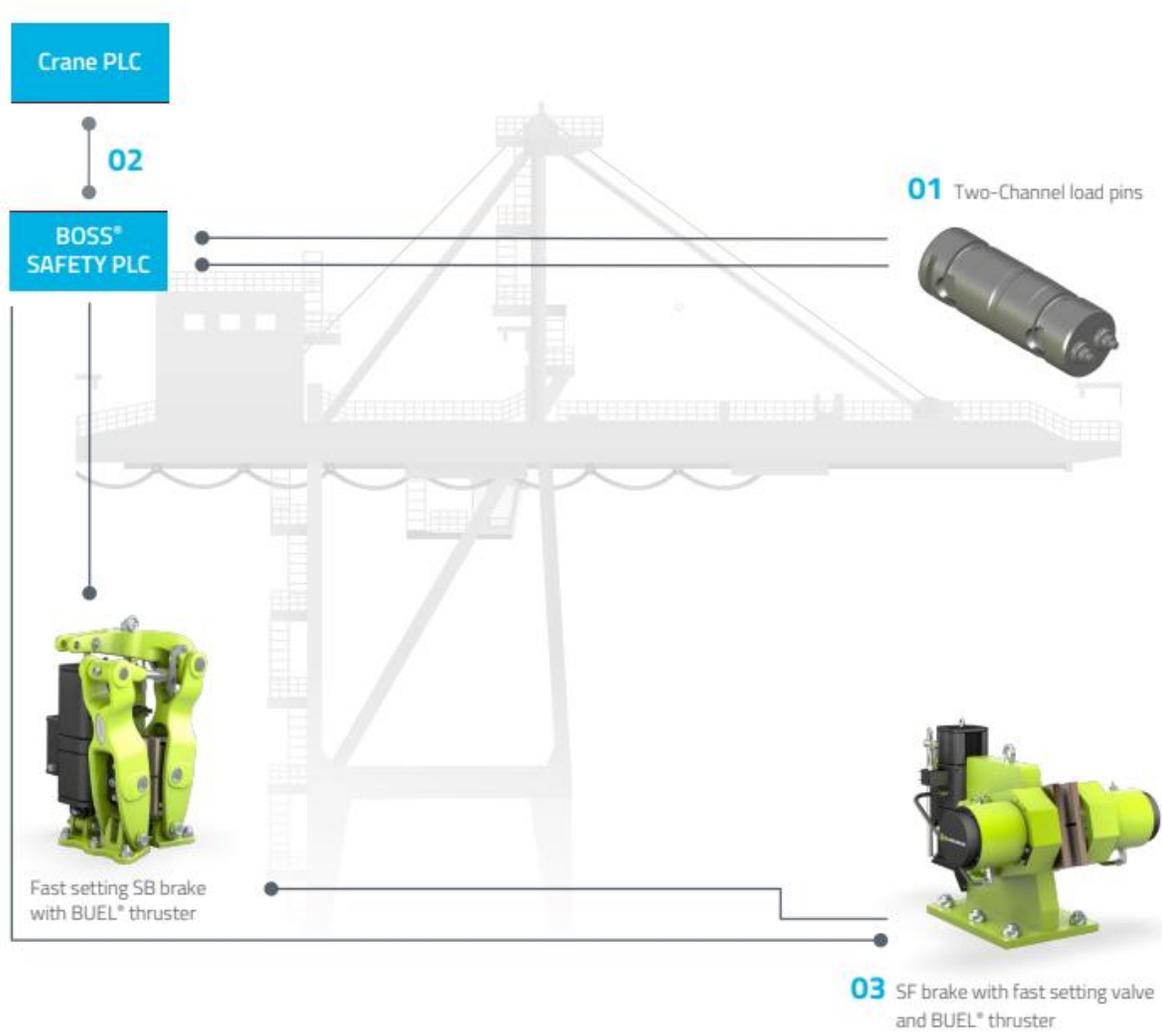
▶ The load on the crane is prevented in advance

▶ The total stopping time from snag detection to stand still is between 100 and 276ms

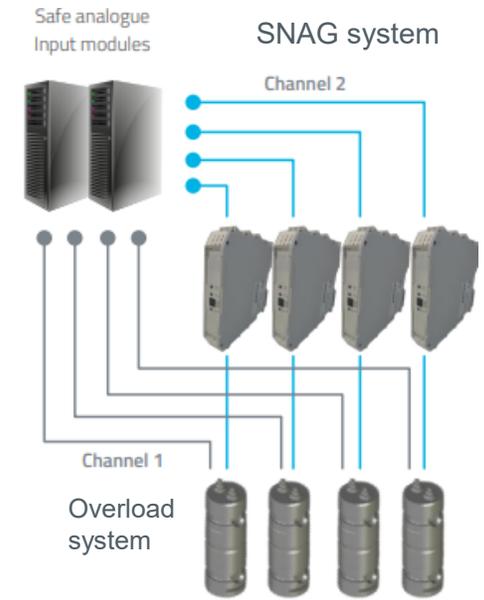
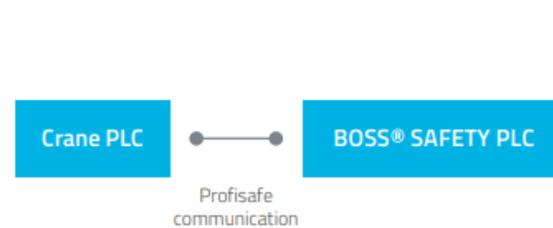
▶ Maintenance free

▶ Reduced stand still time

B BRAKE ONLY SNAG SYSTEM[®]



®



BRAKE ONLY SNAG SYSTEM[®]

YOUR ADVANTAGES

- ✓ Profisafe Interface
- ✓ Fastest reaction time
- ✓ Precise control
- ✓ TÜV certified
- ✓ Cross-check of both channels
- ✓ Simple calibration and set-up
- ✓ Fully integrated
- ✓ Closed wired system
- ✓ Dynamic snag trip point setting depending on corner load and speed
- ✓ No maintenance time required
- ✓ No nuisance tripping after e-stops
- ✓ Easy retrofitable



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Thank You For Your Time.

