



DELLNER BUBENZER

Industrial Revolution for Industrial Brake Services

Innovation, Safety, and Smart Technology

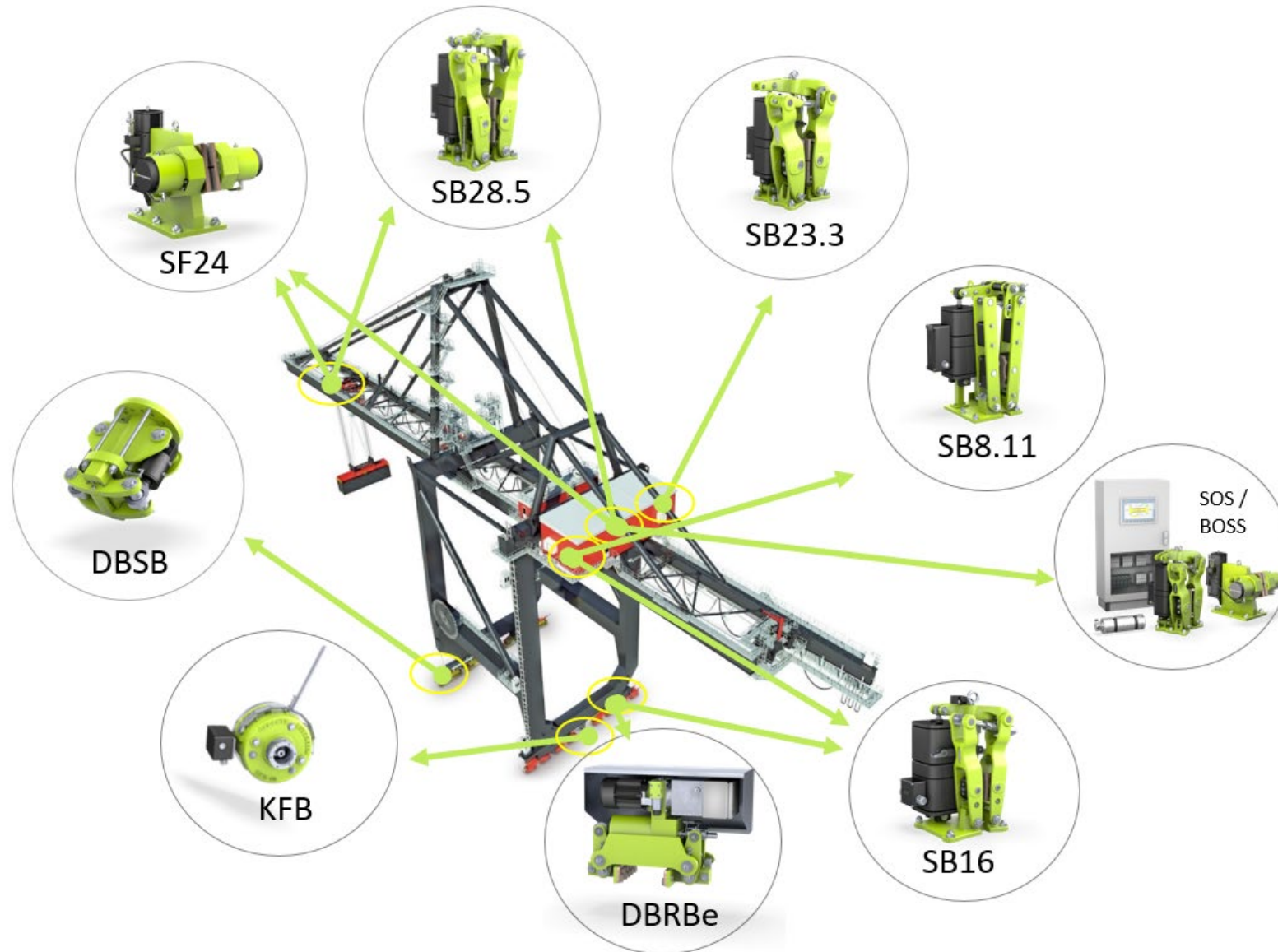
Daiel Hoffmans – Sales Director ASIA

www.dellnerbubenzner.com



SELECTION EXAMPLE

STS



EVOLUTION STARTS WITH A PIONEER

INTRODUCING THE SB 28.5 DISC BRAKE



www.dellnerbubenzner.com

MAIN FEATURES

Supported by decades of disc-brake series innovation and engineering, the SB 28.5 debuts as an industry-leading product with upgraded design, optimized technology, and sustainability.



**DELLNER
BUBENZER**

© 2022, DELLNER BUBENZER. ALL RIGHTS RESERVED.

SB 28.5

Sustainability



BUEL® Thruster &
Reduced Energy Costs

Reduced Fluid Volume

Eco-friendly
Biodegradable Oil

SB 28.5

Enhanced Design



Facelift, Weight Savings
& Reduced Carbon
Footprint

101 Interchangeability

Easy Installation &
Commissioning

SB 28.5

Automated Wear Compensation



Freewheel-based
Automatic Wear
Compensator

Easy Maintenance

SB 28.5

Improved Self-Centering System



New & Upgraded System
by Roller & Cam

Equal Air Gaps with
Self-centering
Brake Levers

SB 28.5

Enhanced Parallel Alignment System



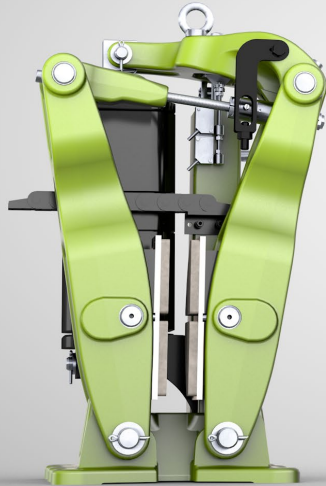
Symmetric Designed
Brakes

Brake Shoes are Parallel
Positioned to the
Brake Disc

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 WEATHER CONDITIONS

No worries about unexpected weather conditions again

Eliminate preventable incidents

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

Comparatively small investment for your safety

IS YOUR CRANE SAFE ENOUGH?

ENSURE YOUR CRANE SAFETY



**DELLNER
BUBENZER**

© 2022, DELLNER BUBENZER. ALL RIGHTS RESERVED.

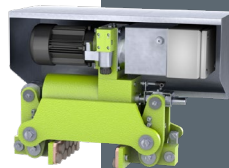


WEATHER CONDITIONS

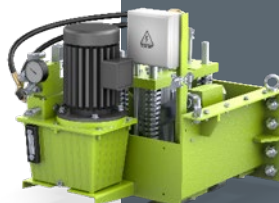
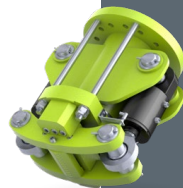
80 km/h
DRIVE BRAKES



100 km/h
WHEEL BRAKES



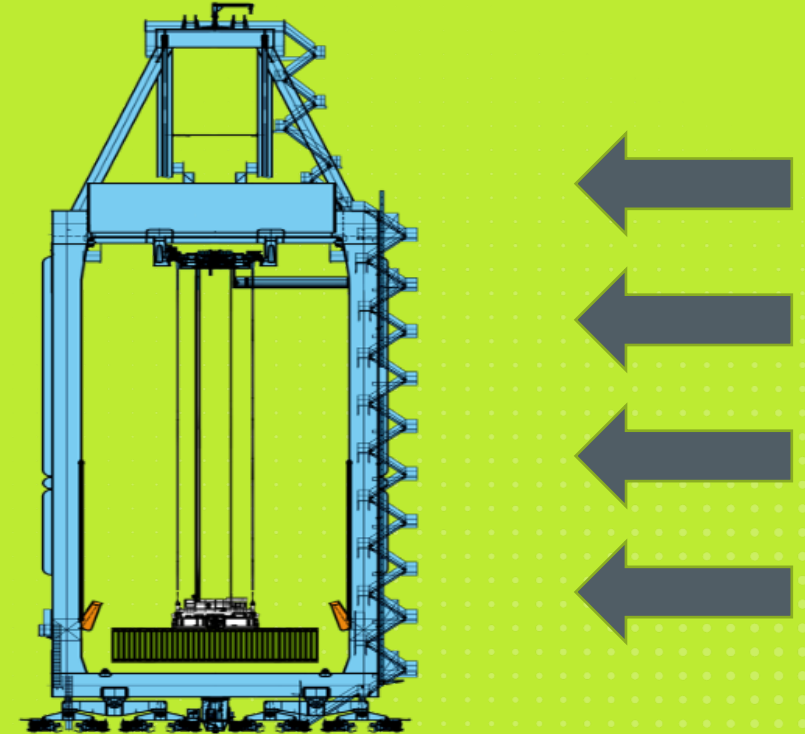
160 km/h
RAIL CLAMPS /
RAIL BRAKES



CRANE SURFACE

The crane surface is the main important information to calculate properly the wind force acting on the crane itself

- The information about the surface must be as much accurate as possible.
- A drawing of the crane would be the best information to have.
- Important: The shape coefficient must always be applied!



IS YOUR CRANE SAFE ENOUGH?

ENSURE YOUR CRANE SAFETY SNAG PREVENTION



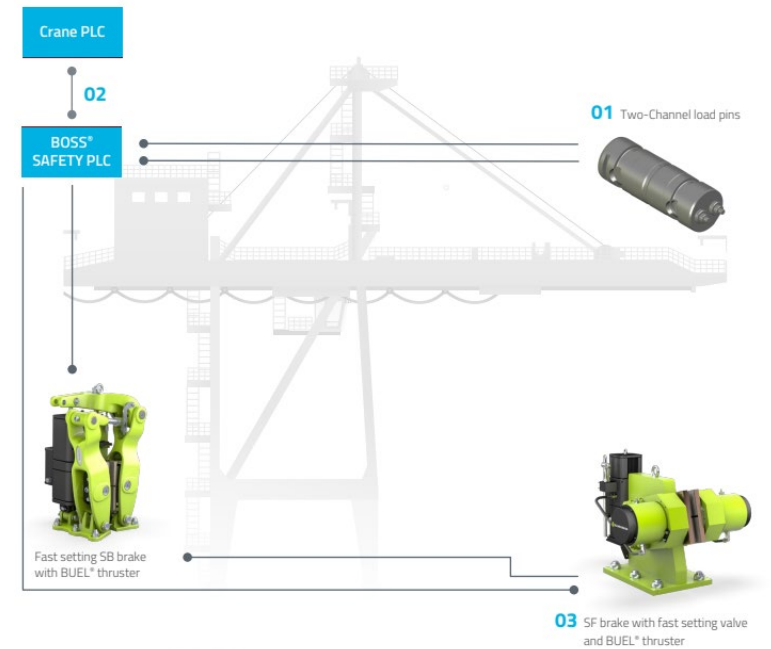
© 2022, DELLNER BUBENZER. ALL RIGHTS RESERVED.

BOSS[®] BRAKE ONLY SNAG SYSTEM



BRAKE ONLY SNAG SYSTEM[®]

How the BOSS system works:



LOAD PINS

Load pins are detecting an overload on one or more corners.

BOSS[®] PLC

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.

SERVICE BRAKE

Service brakes apply full braking torque within **36ms** after power off.

EMERGENCY BRAKE

Emergency brakes apply full braking torque within **70ms** after power off.

HOIST MOTION

Hoist motion will be stopped after **10 to 110ms**. The total stopping time from snag detection to stand still is between 100 and 200ms.

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



**DELLNER
BUBENZER**

www.dellnerbubenzner.com



DELLNER BUBENZER
Brasil Ltda

Av. Governador Mário Covas, 2490
São Marcos
18.540-000, Porto Feliz
São Paulo
Brazil

Phone: +55 15 99640 8800
info.br@dellnerbubenzner.com



**DELLNER
BUBENZER**

Thank you for your attention!

Visit us at booth 16





**DELLNER BUBENZER
AB**

Teknikergatan 1
781 70 Borlänge
Sweden

Phone: +46 23 78 30 50
info.se@dellnerbubenzler.com

**DELLNER BUBENZER
Benelux B.V**

De Roysloot 12K
2231 NZ Katwijk
Netherlands

Phone: +31 71 204 8676
info.nl@dellnerbubenzler.com

**DELLNER BUBENZER
Brakes Shenyang Ltd**

Rm 605, N. Media Building No. 167
Qingniam Str.
Shenyang, Liaoning Province

Phone: + 86 21 3366 7331
info.cn@dellnerbubenzler.com

**DELLNER BUBENZER
Brakes Shenyang Ltd. Shanghai Branch**

Room 1102 ShenNeng Building
No.1 Middle FuXing Road
Huangpu district, Shanghai, China

Phone: +86 (021) 33667331
info.cn@dellnerbubenzler.com

**DELLNER BUBENZER
Brasil Ltda**

Av. Governador Mário Covas, 2490
São Marcos
18.540-000, Porto Feliz
São Paulo
Brazil

Phone: +55 15 99640 8800
info.br@dellnerbubenzler.com

**DELLNER BUBENZER
Germany GmbH**

Friedrichshuettenstr. 1
57548 Kirchen-Wehbach
Germany

Phone: +49 2741 9488 0
info.de@dellnerbubenzler.com

**DELLNER BUBENZER
Germany Wind GmbH**

Marler Straße 129a
46282 Dorsten
Germany

Phone: +49 (0) 2362 / 4009-0
info.dewind@dellnerbubenzler.com

**DELLNER BUBENZER
India Private Limited**

Shed No.68, SIDCO Industrial Estate
Thirumazhishai, Poonamalle
Chennai
Tamil Nadu - 602107 INDIA

Phone: + 91 (0) 44 268 11539
info.in@dellnerbubenzler.com

**DELLNER BUBENZER
Italy S.R.L.**

Via E. Fermi, 255
21042 Caronno Pertusella (VA)
Italy

Phone: +39 02 965 0694
info.it@dellnerbubenzler.com

**DELLNER BUBENZER
Malaysia Sdn Bhd**

No. 22, Jalan Mega 1/4
Taman Perindustri Nusa Cemerlang
81550 Gelang Patah
Johor Darul Takzim, Malaysia

Phone: +60 (7) 531-9799
info.my@dellnerbubenzler.com

**DELLNER BUBENZER
Middle East FZE**

JAFZA 14
Office LB 14430, 4th Floor
PO Box 263788
Jebeli Ali Free Zone
Dubai, United Arab Emirates

Phone: +971 4881 5880
info.uae@dellnerbubenzler.com

**DELLNER BUBENZER
Poland SP. Z.O.O.**

Przemysłowa 1
6 84-214
Bożepole Wielkie
Poland

Phone: +48 727626010
info.pl@dellnerbubenzler.com

**DELLNER BUBENZER
Singapore Pte. Ltd**

110 Lorong 23 Geylang
#06-04 Victory Centre
Singapore 388410

Phone: +65 6747 0240
info.sg@dellnerbubenzler.com

**DELLNER BUBENZER
USA INC**

20026 Hickory Twig Way
Spring, Texas 77388
USA

Phone: +1 832 482 4830
info.us@dellnerbubenzler.com

**DELLNER BUBENZER
Wind Beijing**

Room 1107A, Section B, Building 1
Jiao'ao Center
NO.59 Huagong Road
Chaoyang District, Beijing 100094
P.R. CHINA

Phone: +86 (0) 10 6460 9766
info.cnwind@dellnerbubenzler.com