



Reference

STS Container Cranes



Energy Guiding Chains

Installation description

Container Crane (Ship-to-Shore)

Operator

Miami Port / USA

Customer

East Coast Cranes

Travel distance

40 meters

Travel speed

max. 60 m/min

Environmental conditions

port area / rough sea climate

Energy Guiding Chain

COBRA 72, Bi 600/800 mm, RM full frame

Chain length

3 x 23 meters

Cables

total 60 cables, 3 x 18 kg/m

Specific features

refurbishment of a 22 year old Kocks crane

Project installation date

February - September 2003 [Conductix-Wampfler USA & Conductix-Wampfler AG (D)]

System advantages

- compact system with minimized installation height to fit the existing and limited room
- solid and bolted aluminium frame stays for maximum torsional and flexural rigidity
- 1-layer layout for cables in chain cross-section for gentle cable guidance
- use of exchangeable anti-friction skids made of teflon-compound to minimize wear and driving forces
- customized driver interface unit with a floating bearing of the towing arm to decouple the movements of the chain and the driver/trolley