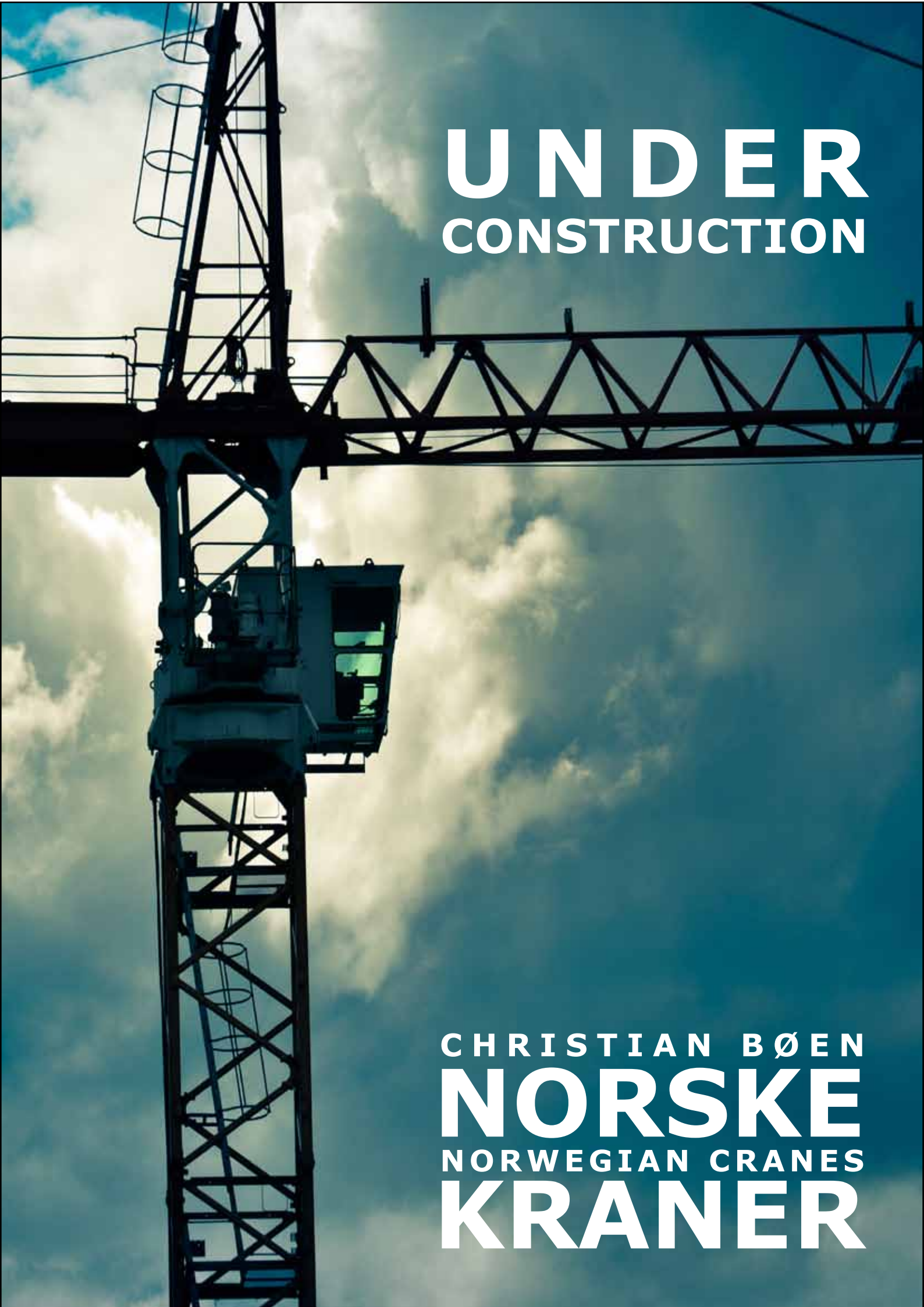
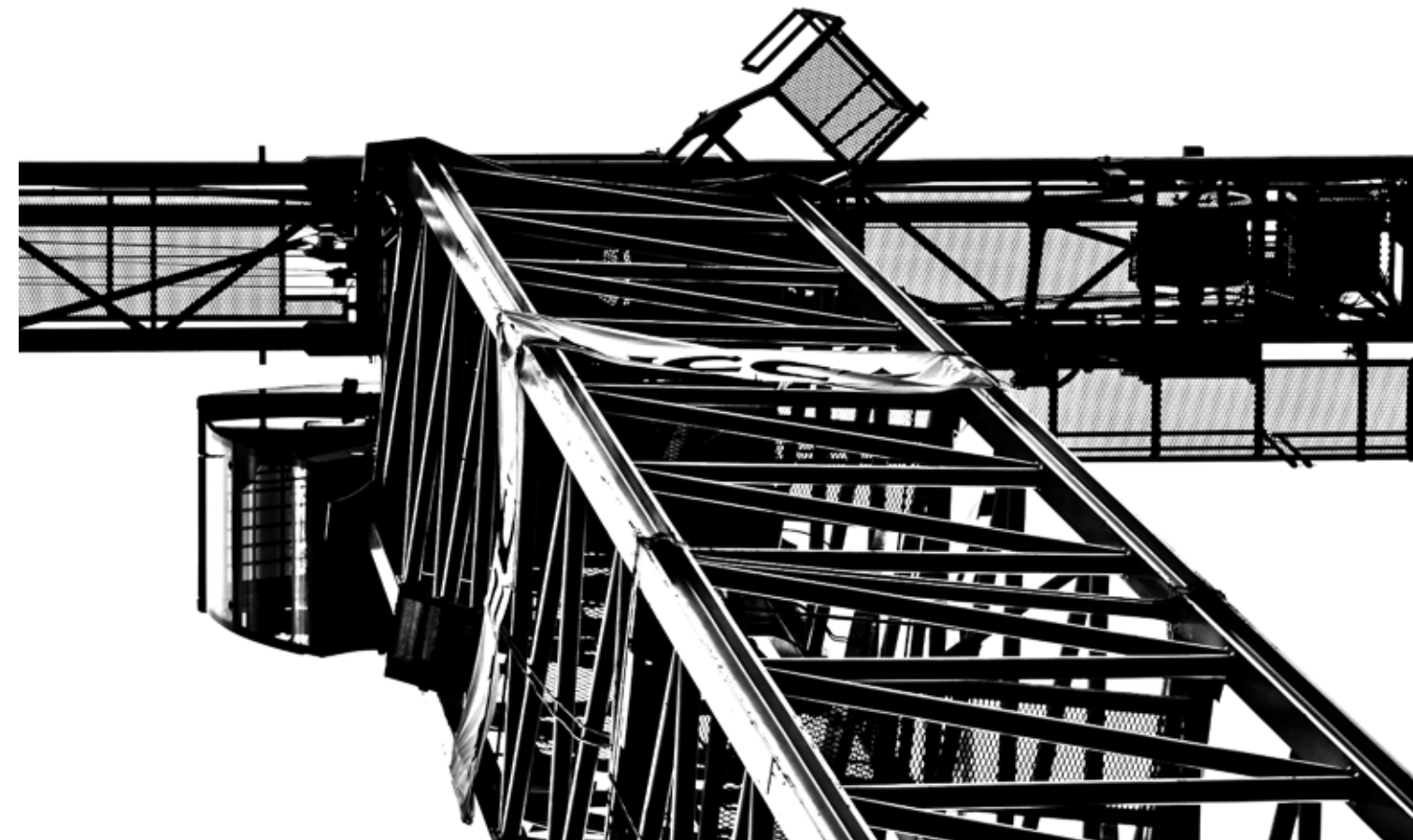


A large construction crane is silhouetted against a bright, cloudy sky. The crane's lattice structure is prominent, with a horizontal jib extending across the upper half of the frame and a vertical mast on the left. A small operator's cab is visible on the mast. The sky is filled with soft, white clouds, and the overall color palette is dominated by blues and greys, with the white text providing high contrast.

UNDER CONSTRUCTION

CHRISTIAN BØEN
NORSKE
NORWEGIAN CRANES
KRANER

UNDER CONSTRUCTION





BERGEN - OSLO - KRISTIANSAND - ÅLESUND



«Anti-Collision Systems»



KRAN

NORSKE KRANER / NORWEGIAN CRANES





**IMPROVED COMFORT
AND SAFETY WITH
THE NEW EUROPEAN
STANDARD EN 14439**



1999 - 2012



«Frontal Storm»

«Before erecting a crane, consult the local metrological office for the future site in order to establish which wind reference should be used»
- EN 14439

SAFETY: ACCIDENTS



Jib
Slewing Unit
Counterweight
Counterjib
Tower
Base Ballast
Undercarriage



INTERNATIONAL CRANES:LONDON



Referanser og linker

- History Channel, Mega Movers, Tower Cranes
- www.Liebherr.com – manualer og brosjyrer
- www.Liebherr.com: Greater Safety and Enhanced Convenience European Standard EN 14439
- www.Potain.com – manualer og brosjyrer
- CECE, Committee for European Construction Equipment: Tower Cranes, Improved Comfort And Safety – With The New European Standard EN 14439
- CECE, Committee for European Construction Equipment: A brief guide for identification of non-compliant construction machinery
- Kranteknisk Forening: Kontroll av arbeidsutstyr, 2007
- Ing. J. Verschoof: Cranes, Design, Practice and Maintenance





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