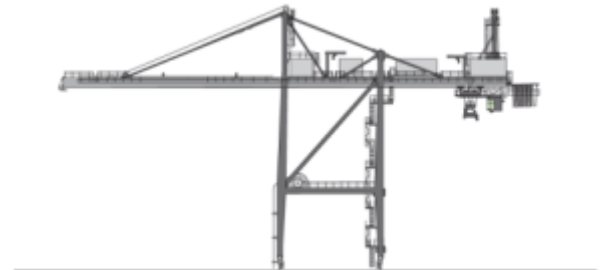
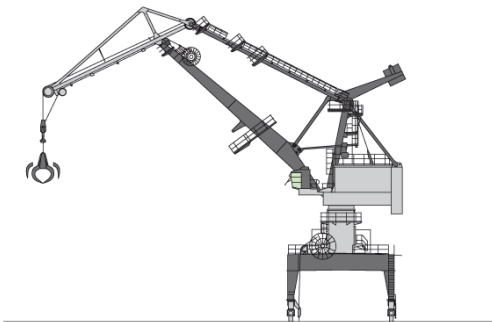


KOCKS ARDELT KRANBAU

“Engineering excellence for more than 100 years”



MEMBERS OF KOCKS ARDELT KRANBAU

KOCKS ARDELT



KOCKS



ARDELT

KOCKS ARDELT KRANBAU – WORLDWIDE REFERENCES

Kocks Ardel Kranbau is an association of two crane manufacturers, Kocks and Ardel, both are specialized in lifting and transporting heavy loads in the ports, terminals and shipyards.

As a supplier to the global market Kocks Ardel Kranbau has references in all parts of the world. Through our three competence centres located in Germany we unite with combined logistics to design, manufacture and deliver our equipment.



INDUSTRY FOCUS / UNDERSTANDING OF CUSTOMER PROCESSES

KOCKS ARDELT



Container
Handling



Bulk
Handling



General
Cargo
Handling



Shipyards

INDUSTRY FOCUS

Container handling in large and small terminals

KOCKS ARDELT



KOCKS
Boxer S



KOCKS
Feeder Server



KOCKS
Barge Server
Terminal Server



ARDELT
Tukan

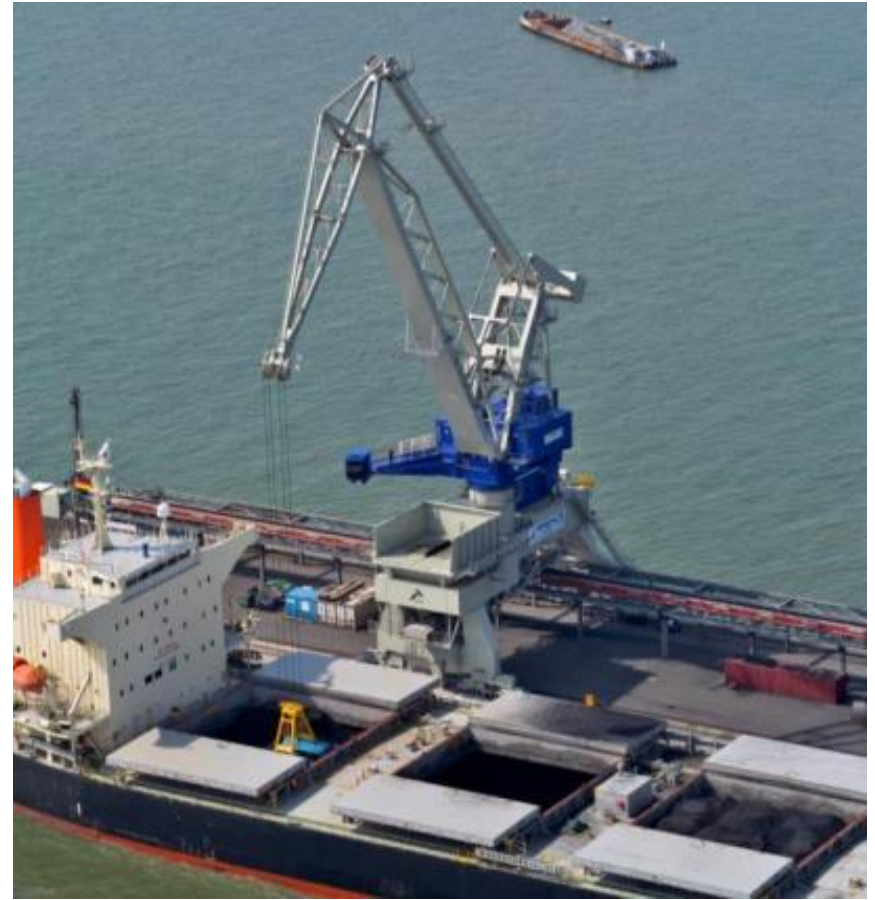
INDUSTRY FOCUS

Dry Bulk

KOCKS
ARDELT



KOCKS gantry shipunloaders (revamping)



ARDELT Tukan K

INDUSTRY FOCUS

General Cargo

KOCKS
ARDELT



ARDELT Tukan



ARDELT Kranich



ARDELT Kondor

INDUSTRY FOCUS

Shipyards

KOCKS
ARDELT



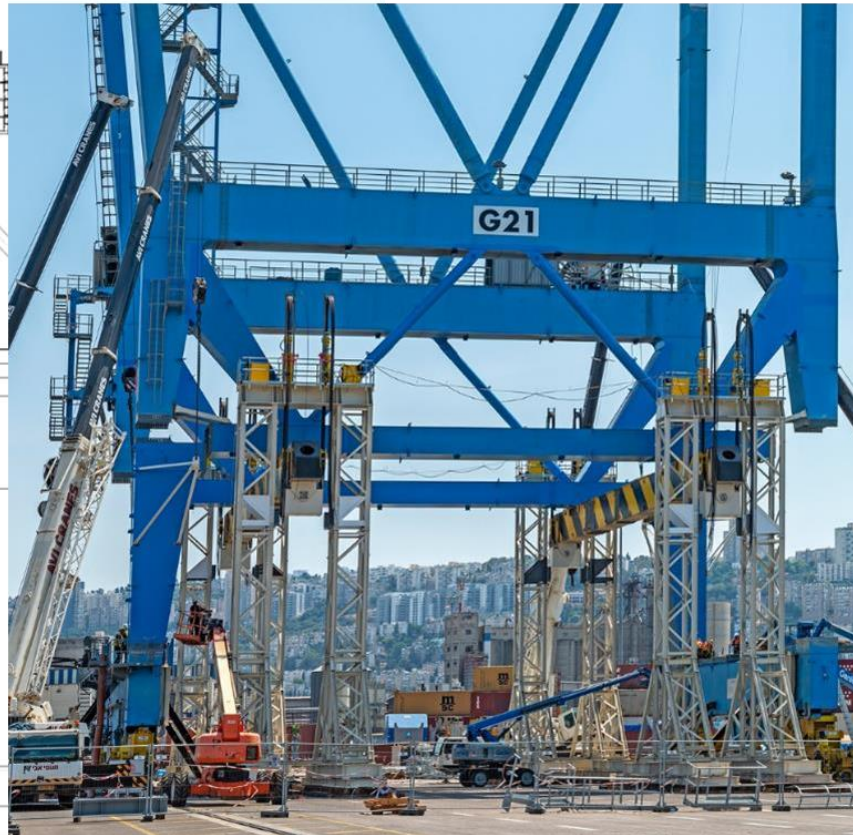
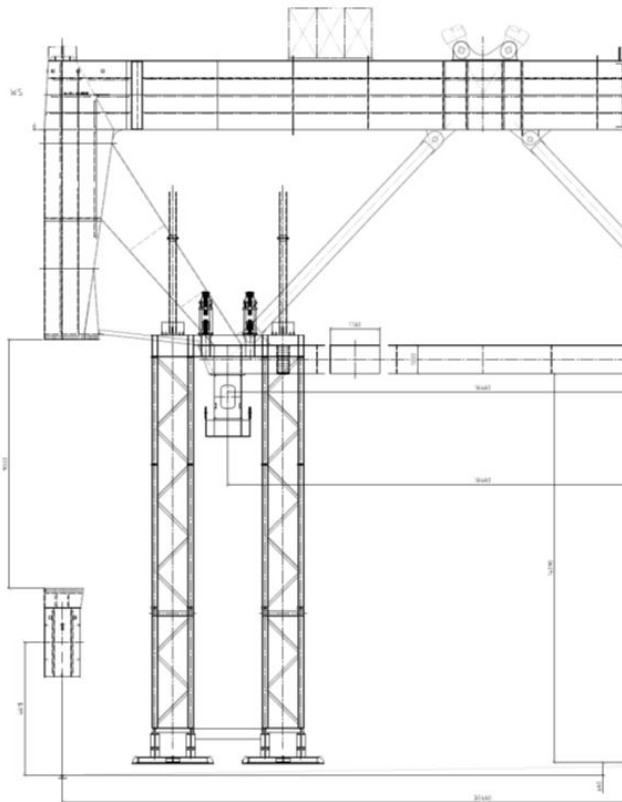
ARDELT Tukan



KOCKS Goliath

Service

KOCKS ARDELT



Heightening of STS Container Cranes

Mechanical &
electrical
Upgrading

Inspection

Refurbishment
For rail-bound
gantry and
slewing cranes

Relocation

KOCKS

Gantry Container Cranes



CONTAINER HANDLING WITH FEEDER SERVER / BOXER 5000 S

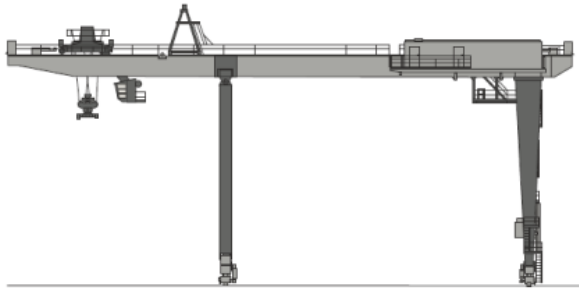




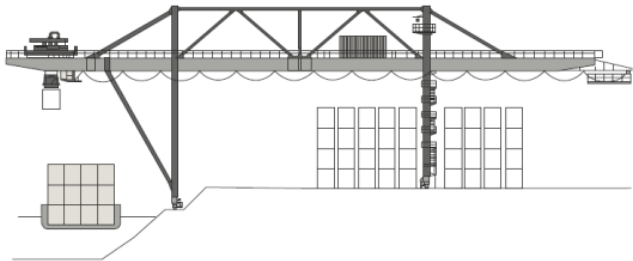
MODELS AND VESSEL SIZES

	FEEDER SERVER	BOXER 5000 S
Load capacity under spreader	Up to 40 t (optional 45 t)	65 t
Outreach	35-40 m	42-48 m
Rail gauge	15-35 m	18-35 m
Backreach	10/16 m	5/10/16 m
Trolley travel length	max. 85 m	max. 85 m, more upon request
Lifting height above/below track	27/12 m or 30/14 m	35/16 m
Main hoist nominal load / empty	50 / 120 m/min	60 / 120 m/min
Trolley travel speed	150 m/min	180 m/min
Crane travel speed	45 m/min	45 m/min
Boom raise	5 min	5 min
Transfer rate	Max. 40 moves/h; average >30 moves/h	max. 40 moves/h; average >30 moves/h
Wheel loads	max. 400 kN/wheel	Max. 500 kN/wheel

POWERFUL CRANES FOR ALL HINTERLAND TERMINALS



TERMINALSERVER
Railway container terminals,
Bi-modal terminals



BARGESERVER
Tri-modal river terminals
with high duties



Railway container terminals Hamburg Ports



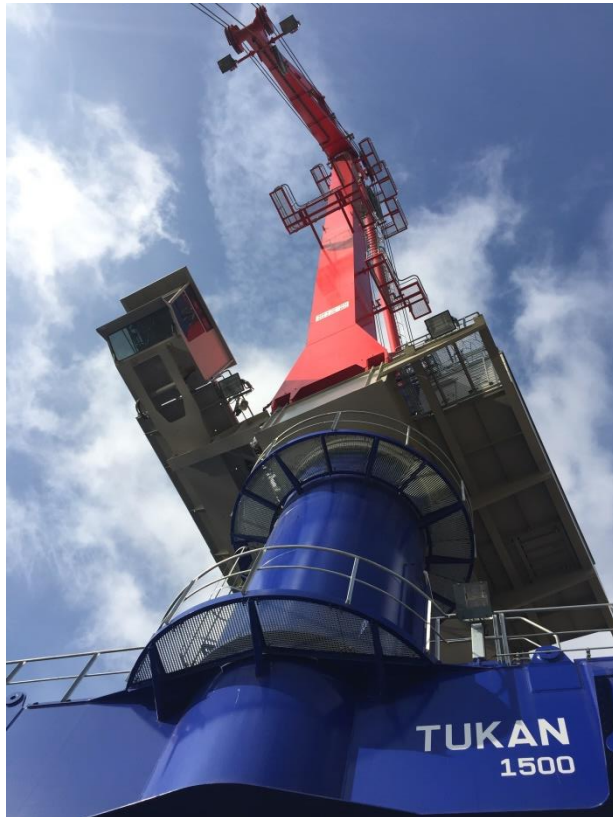
Rhine container terminals Cologne

ARDELT

World best double jib crane specialist



THE TUKAN MULTIPURPOSE CRANE



Tukan in Bremen, Germany

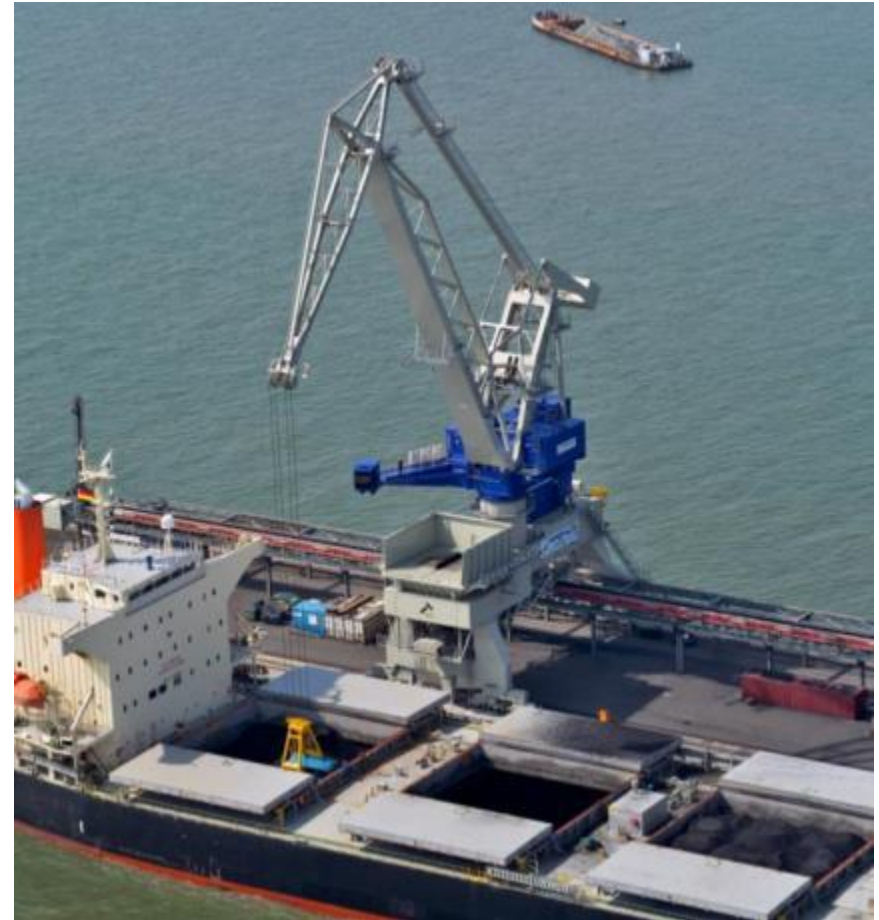


Tukan in Haiphong, Vietnam

TUKAN K THE MOST EFFICIENT CRANE TO UNLOAD BULK



- two TUKAN-K Cranes with integrated hopper at Niedersachsenbrücke/Germany for discharge of coal
- Lifting capacity 63 t
- Outreach 55 m
- Performance over 2300t/h



ARDELT TUKAN K 3000 - 50 COMPACT SHIP UNLOADER



Ardelt Tukan K (angoroo)

unloading of multiple types of bulk material
fertilizer, iron ore, grain, aluminium oxid, coal,
wood pellets and other

- Low Deadweight: 886 t (with grab)
- Maximum Wheel Load: 460 kN
- Maximum Outreach: 50m
- Maximum Grabbing Capacity: 50 t
- Free Digging Rate: 1.704 tph
- Cream Digging Rate: up to 2,045 tph
- Average Consumption: 0.13 kWh/t +/- 10%
- Crane Classification: A8 (Q4,U8)

Exemplary technical data

The Shipyard Crane Specialist

Every project starts with customer consultation to ensure the right crane is selected to meet the requirements.



KOCKS Goliath at St. Nazaire shipyard

Queen Elizabeth with ARDELT Tukan



THE COMPANY

KOCKS ARDELT

Turnover: 80 million €

Number of employees: 230

- 50 Technical office
- 80 Production, Quality, Assembly
- 60 Service
- 30 Admin, Purchase, Projects, Logistics
- 10 Sales

Cranes supplied:

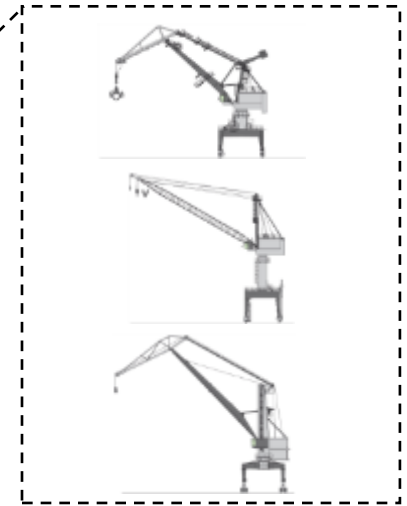
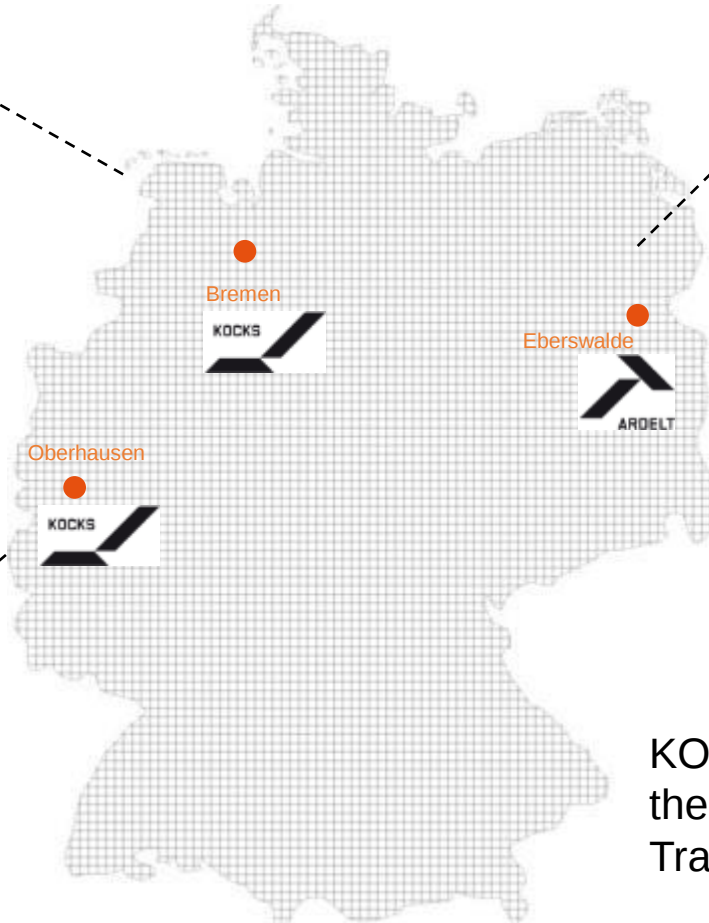
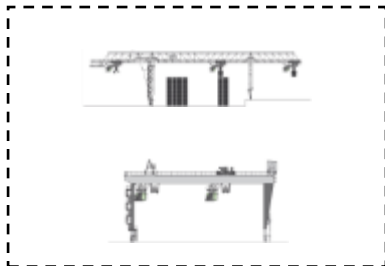
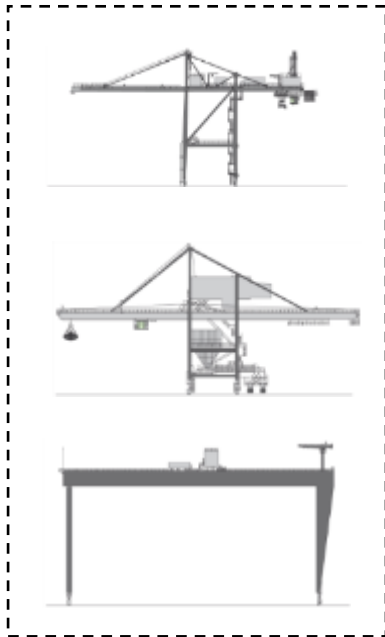
Over 5,000 cranes worldwide
to 56 countries on four continents



COMPETENCE CENTERS AND THEIR PRODUCTS

KOCKS ARDELT

Kocks Ardelt Kranbau GmbH,
Wilhelm Herbst Strasse 7
Bremen



Kocks Ardelt Kranbau GmbH,
Heegermühler Str 64
Eberswalde

KOCKS and ARDELT stand for
the great German Engineering
Tradition

MODERN ENGINEERING HEADQUARTER

KOCKS
ARDELT



Adminstration
building



Communicative
design
department



Amply
entrance area



Modern interior
design

MODERN PRODUCTION

KOCKS ARDELT



Assembly
shop, exterior
view

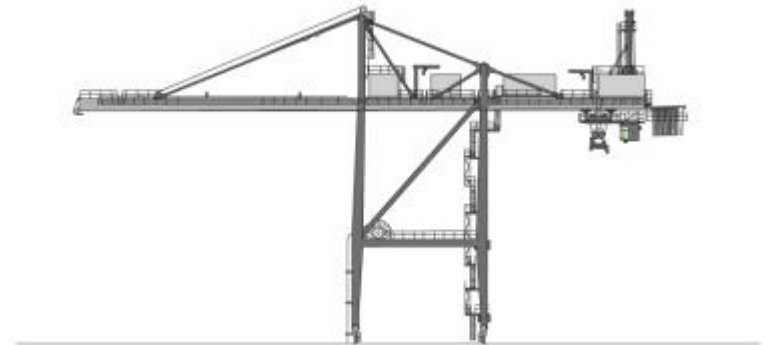
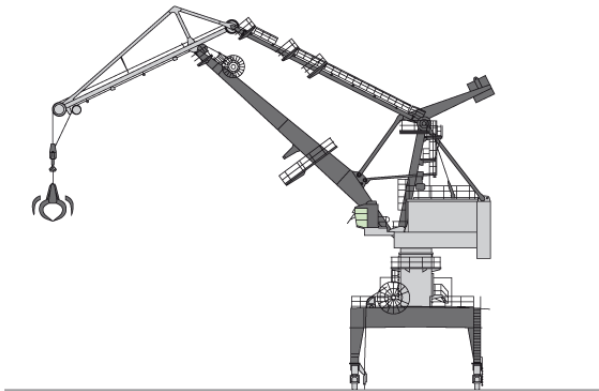


Assembly
shop, interior
view



Numerically
controlled
boring machine

THANK YOU FOR
YOUR ATTENTION



Kocks Ardel Kranbau GmbH
www.kocksardelt.de, +49 3334 62 0, info@kocksardelt.de