



GEARTEC AG

WE BUILD GEARBOXES

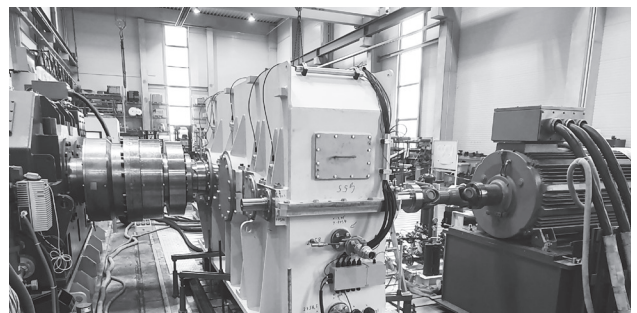
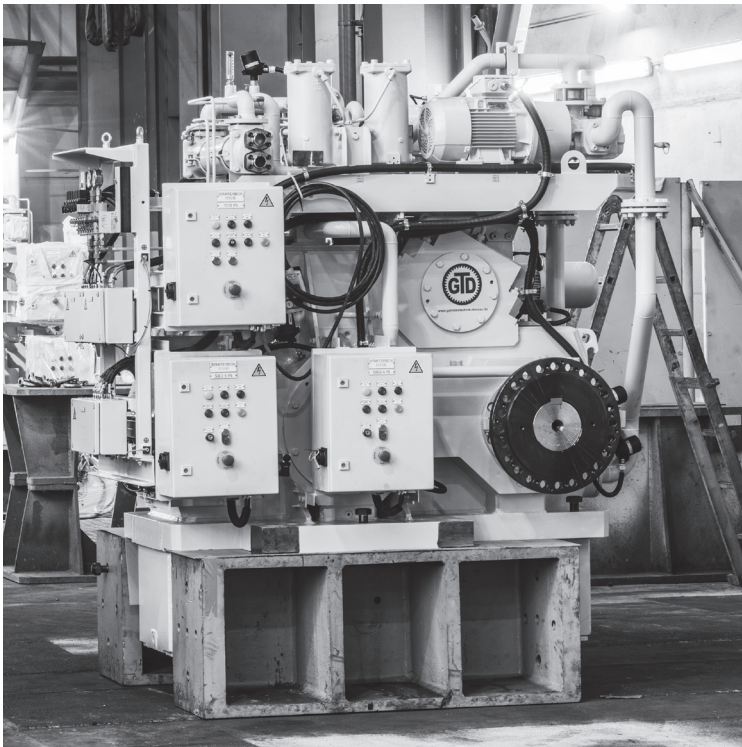
MARINE

CEMENT

MINING

GENERAL
INDUSTRIES

HEAVY AND SPECIAL GEARBOX MANUFACTURING



Designing/ development / Re-engineering

Repair / Maintenance

Inspection / Assembly

Test stand (250 / 500 / 1500 kW up
to 653,000 Nm holdback torque)

3D-coordinate measurement
(up to 6000x3000x2000 mm)

Condition Monitoring („GearView“)

MISCELLANEOUS CUSTOMER LIST



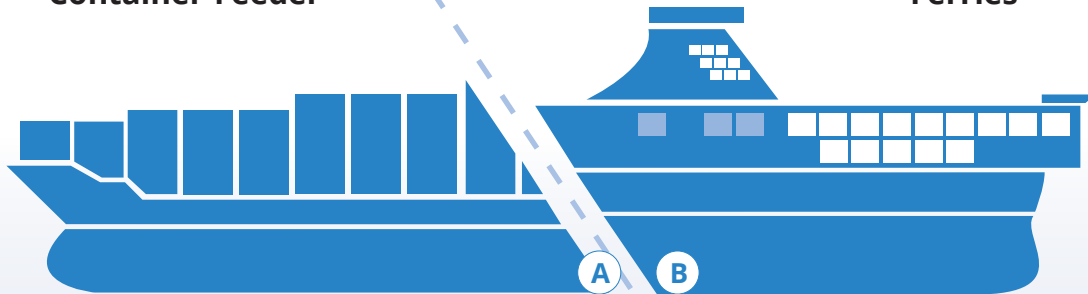
KONGSBERG



Boskalis

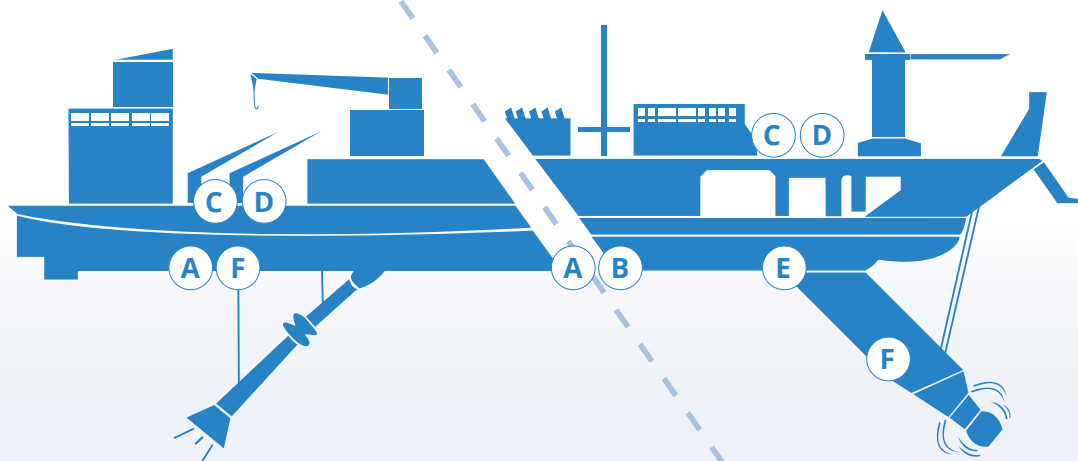
Container-Feeder

Ferries



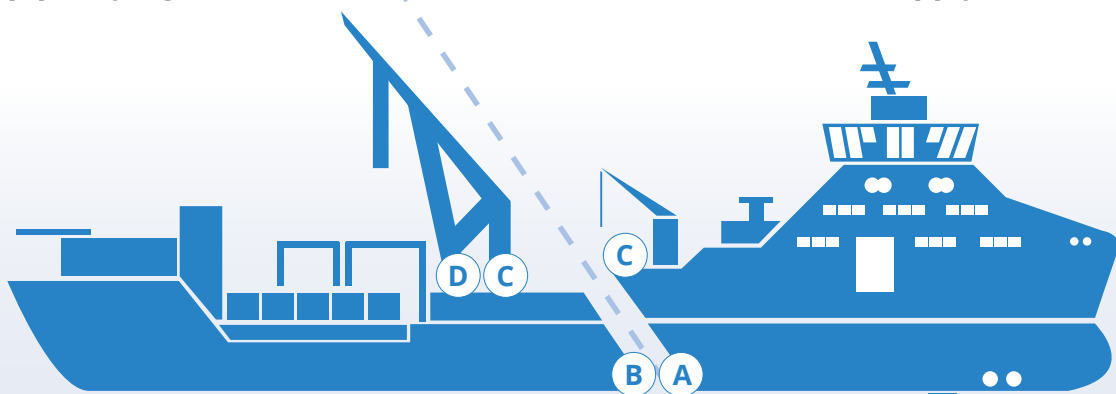
Hopper dredger

Cutter dredger



**Off-Shore
construction and
pipe laying vessels**

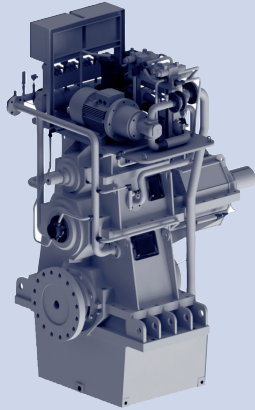
**Anchor Handling-, Emergency
Response-, Rescue-Off-Shore
supply vessel**



TECHNICAL DATA

PROPULSION, PTI & PTO, WITH & W/O MULTIPLE DISK CLUTCHES....

A

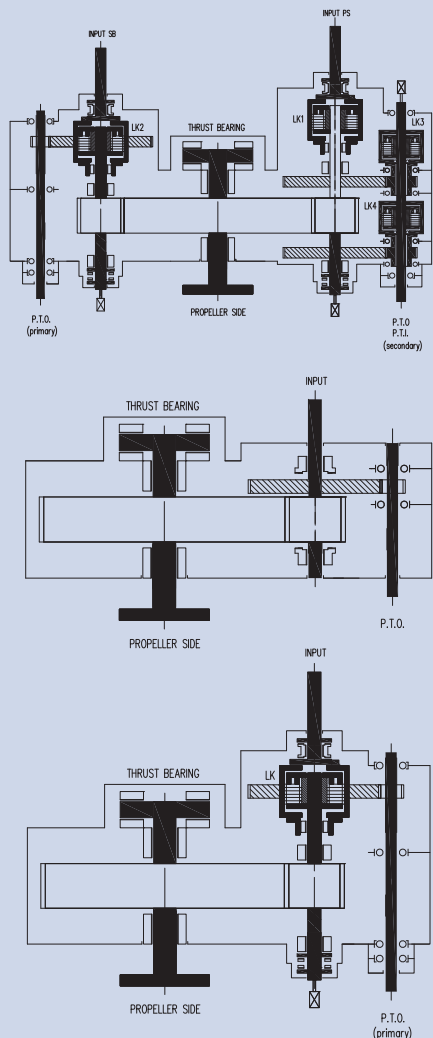


Propeller Gearboxes

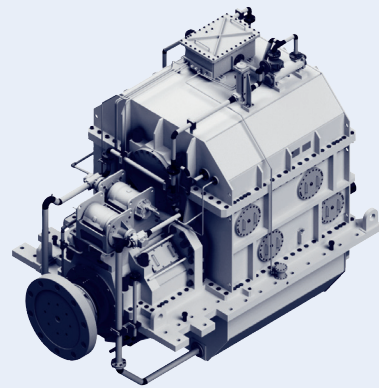
Nominal mechanical power =
1.000 – 30.000 kW

Input speed range: 500 – 1.800 rpm

Output speed range: 100 – 400 rpm



E

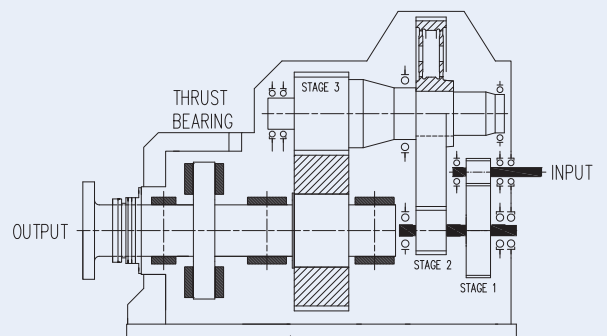


Cutter gearboxes

Nominal mechanical power =
500 – 8000 kW

Input speed range: 500 – 1.200 rpm

Output speed range: 25 – 40 rpm



B

Generator Gearboxes

Nominal mechanical power =
1.000 – 10.000 kW

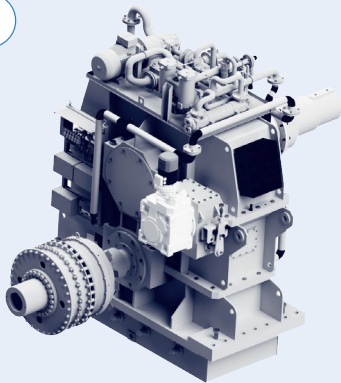
Input speed range: 100 – 1.200 rpm

Output speed range: 750 – 1.800 rpm

DREDGING

(pumping, switchable)

F

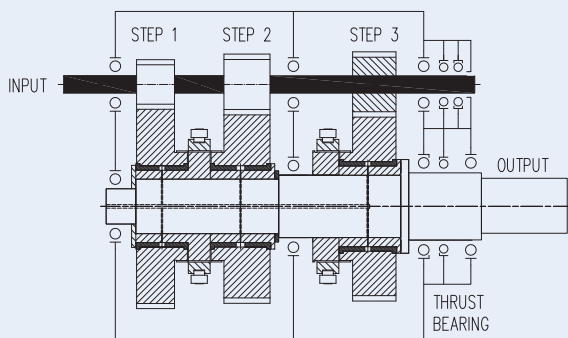


Pump gearbox

Nominal mechanical power =
500 – 12.000 kW

Input speed range: 500 – 1.800 rpm

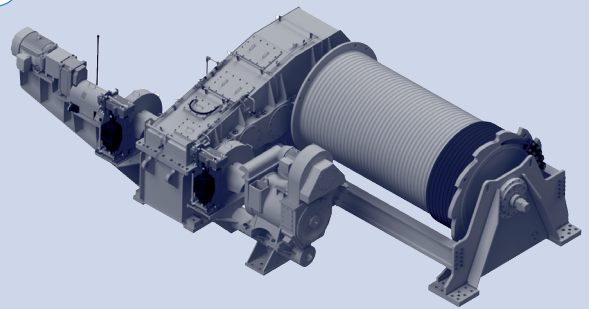
Output speed range: 100 – 400 rpm



WINCHES

(towing, tugging, lifting, etc.)

D



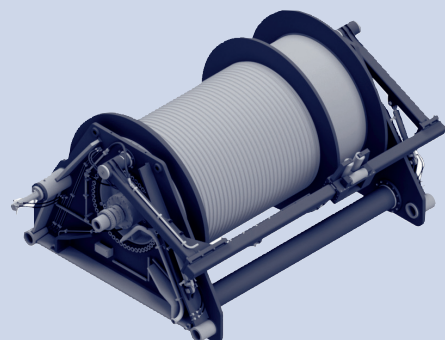
Winch gearbox, Spur/bevel gear design

Nominal mechanical power =
100 – 1.500 kW

Input speed range: 500 – 1.800 rpm

Output speed range: 2 – 5 rpm

C



Winch with integrated planetary gearbox

Nominal mechanical power =
100 – 1.200 kW

Input speed range: 500 – 1.800 rpm

Output speed range: 2 – 25 rpm



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