



GEARTEC AG

WE BUILD GEARBOXES

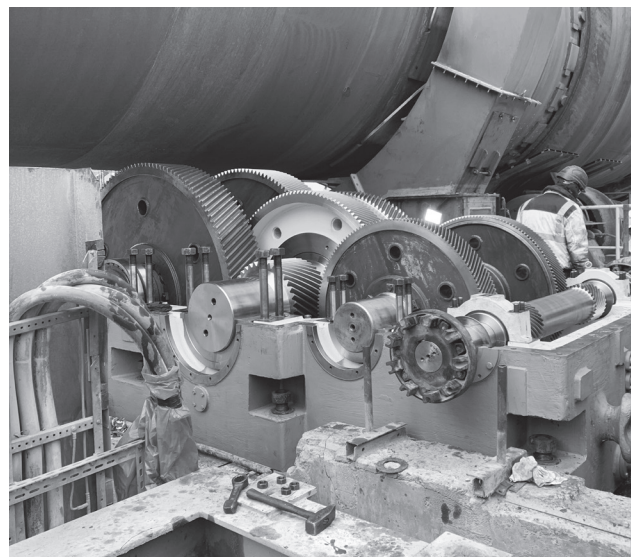
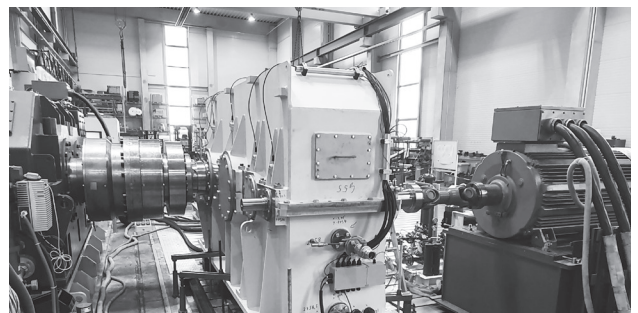
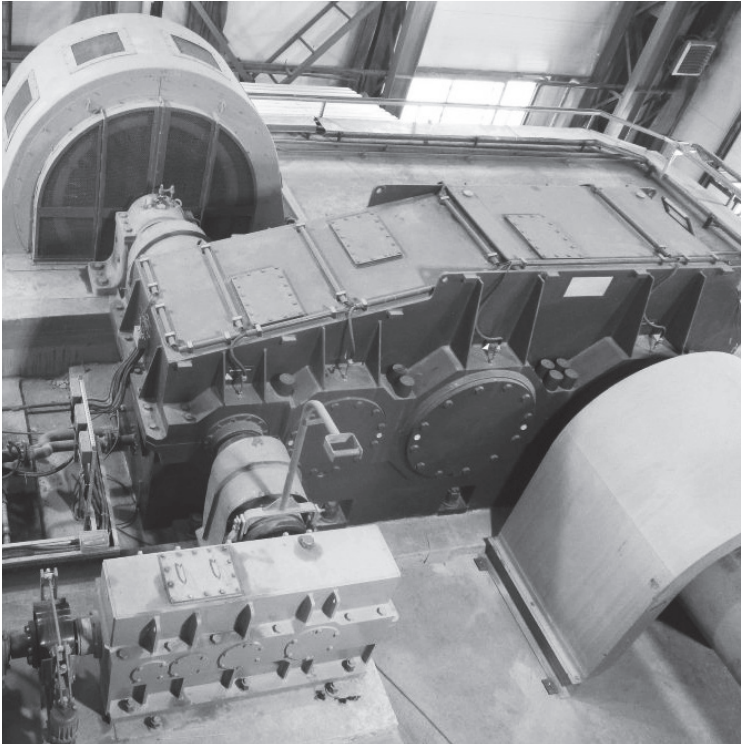
MARINE

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“)

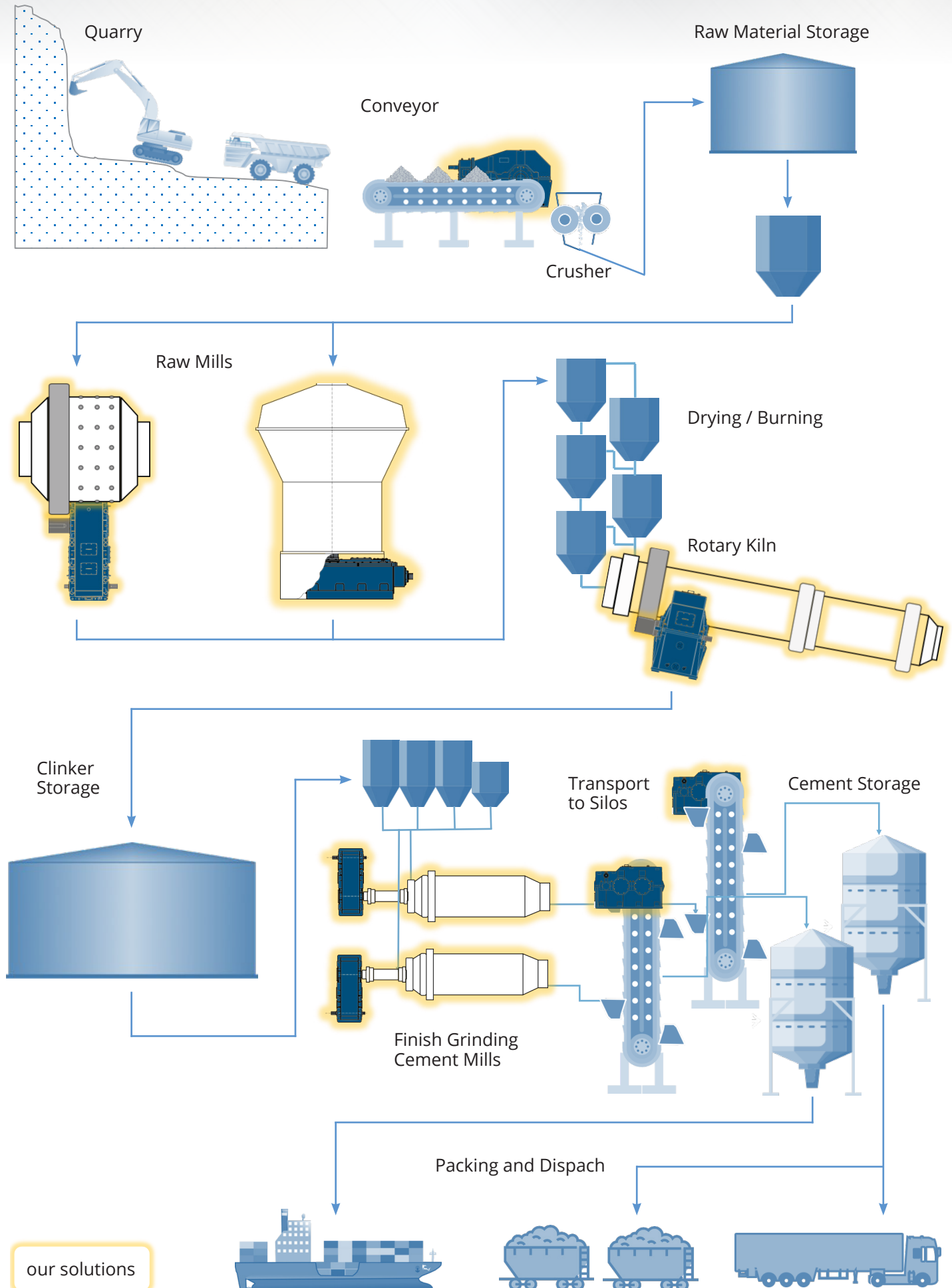
REFERENCES



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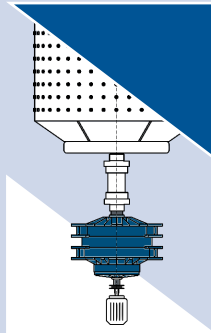
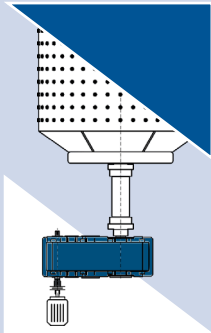


CEMENT MANUFACTURING



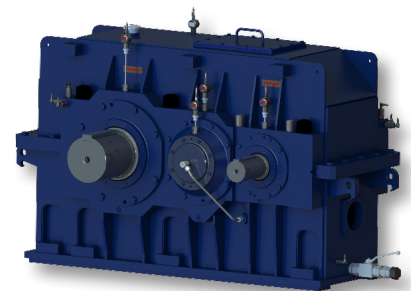
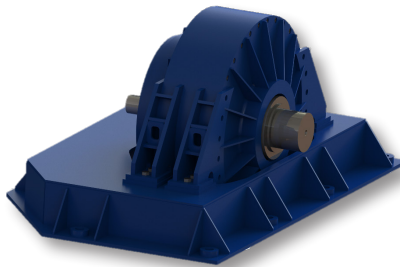
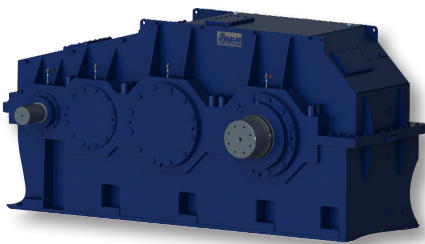
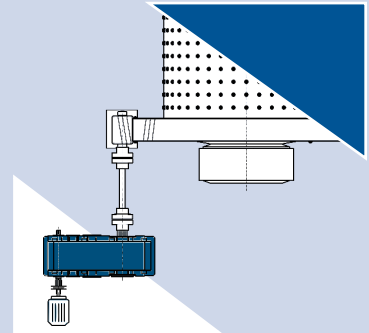
DRIVES FOR BALL MILLS AND SAG-MILLS

CENTRAL DRIVE



GIRTH GEAR DRIVE

(through pinion and girth gear)



GEARBOXES FOR BALL MILLS

Nominal mechanical power:
from 500 kW up to 5,500 kW

Output torque:
from 135 kNm up to 3,600 kNm

Output speed:
14.5 U/min up to 125.3 U/min

Weight:
from 6.5 t up to 100 t

Other gearbox types and designs can be engineered according to customer requirements and precisely matched to the corresponding application.

GEARBOXES FOR SAG-MILLS

Nominal mechanical power:
from 630 kW up to 8,500 kW

Output torque:
from 22 kNm up to 529 kNm

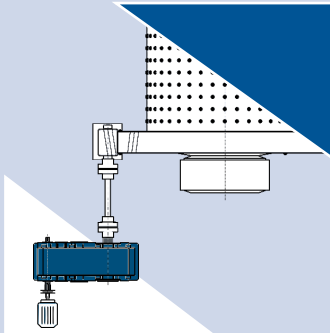
Output speed:
101.3 U/min up to 277.9 U/min

Weight:
from 1.9 t up to 24.1 t

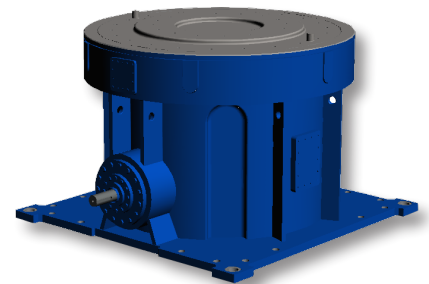
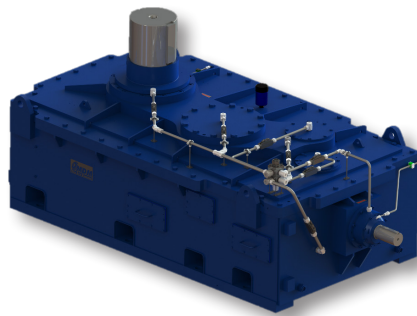
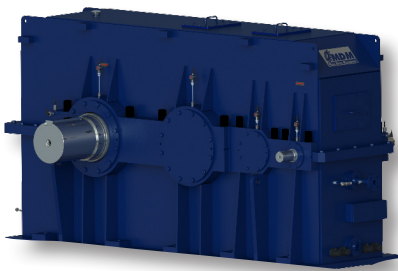
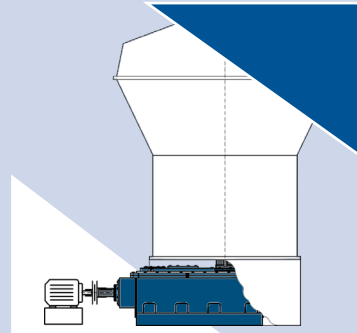
HEAVY AND SPECIAL GEARBOX MANUFACTURING

GIRTH GEAR DRIVES FOR ROTARY KILNS

(through pinion and girth gear)



VERTICAL MILL DRIVES



GEARBOXES FOR KILN/DRYER

Nominal mechanical power:
from 180 kW up to 1,000 kW

Output torque:
from 83 kNm up to 438 kNm

Output speed:
15.8 U/min up to 125.3 U/min

Weight:
from 8.5 t up to 34.5 t

Other gearbox types and designs can be engineered according to customer requirements and precisely matched to the corresponding application.

GEARBOXES FOR VERTICAL MILLS

Nominal mechanical power:
from 400 kW up to 4,500 kW

Output torque:
from 392 kNm up to 1.750 kNm

Output speed:
9,7 U/min up to 24,5 U/min

Weight:
from 16.5 t up to 120 t



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