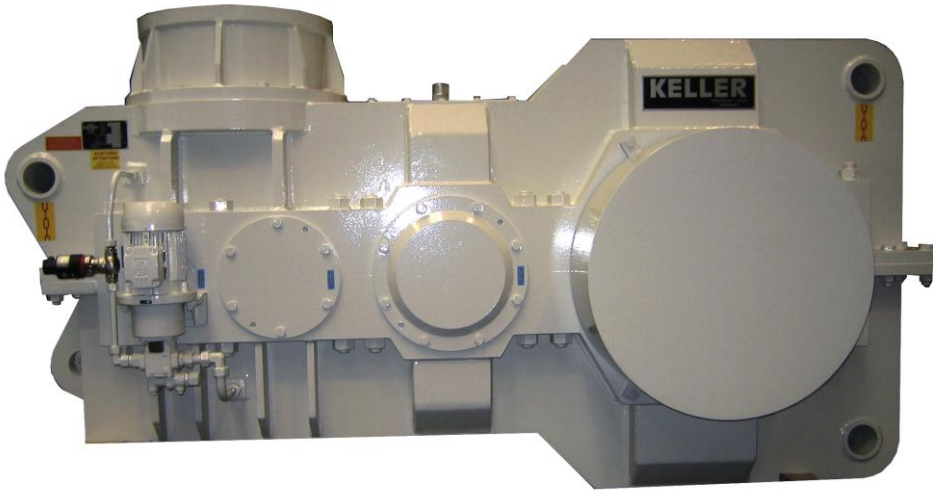
POWER WITH A SYSTEM

HIGH-PERFORMANCE GEARBOXES FROM KELLER FOR THE FOOD INDUSTRY



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HISTORY

- In 1901 the Keller metalworking shop began manufacturing gear wheels in a shed with an area of 50 square meters in Troisdorf
- In 1921, the procurement of gear wheels was nearly impossible. Consequently, the brothers Carl & Wilhelm Keller decided to start manufacturing gears themselves.
- In 1936, production was expanded to include gearboxes for the steel industry.
- In 1968, gears for mining
- In 1971, gears for the sugar industry
- In 1983, mixer gears
- In 1985, the company began manufacturing gears for the cement, chemical and aluminum industries
- In 2000, the production of gears for dredging began.

COMPETENCE

On the one hand, we benefit from our wealth of experience gathered over the years, and on the other hand from the production and calculation methods implemented at our company.

In view of this, we invest significantly and continuously in production and design, with the goal of always keeping up with the state of the art.

Our competence in the area of research and development is greatly enhanced by our membership in the FVA Research Association for Power Transmission Engineering, in addition to active contacts with institutes of higher learning.

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HOW DO WE OPERATE?

Customer-oriented:	We offer solutions at reasonable prices.
Quality-conscious:	Certified according to DIN EN ISO 9001:2000
Experienced:	It is not the first time for us
Fast:	Cross-sector project teams

WHAT ARE WE PROUD OF:

- We are among the most competitive German manufacturers of special gears with a weight of up to 160 tons.
- We are fast and flexible, while maintaining high standards of quality.
- We equally challenge and support our employees. Continued and advanced training programs are not out of the ordinary for us.
- Our processes and structures allow us to keep learning and to share our experience with our colleagues.

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HELICAL GEAR UNIT TO DRIVE A PULP PRESS OF THE SERIES

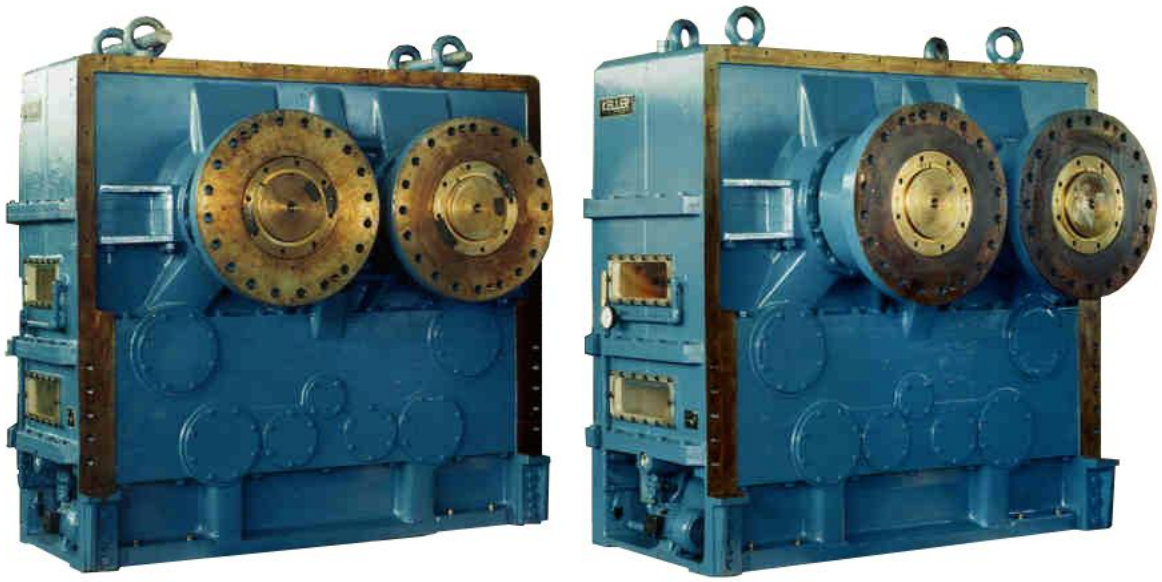
STORD 980 / STORD 1020

Torque per output shaft

T2 = 412000 Nm

Weight

20200 kg



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HELICAL GEAR UNIT TO DRIVE A STORD PULP PRESS TYPE

STORD 3500

Torque per output shaft

T2 = 981000 Nm

Weight

49500 kg

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REINFORCED GEAR UNIT FOR A FERRIANI PRESS TYPE

2F2000

Ratio

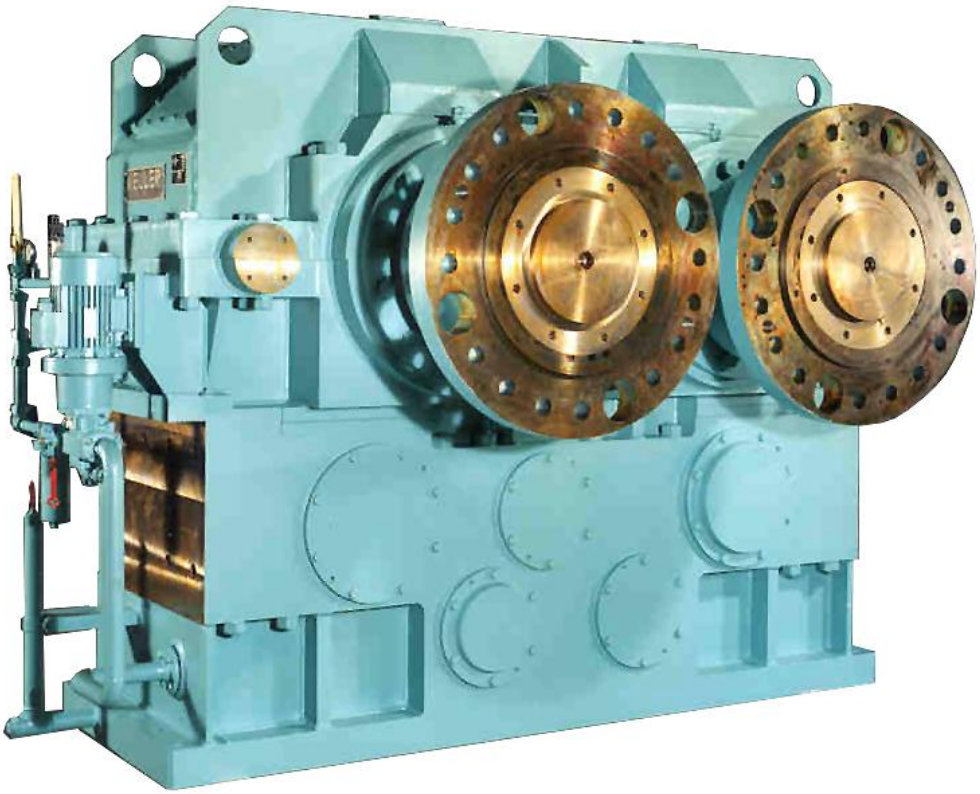
i = 187,3 : 1

Torque per output shaft

T2 = 343340 Nm

Weight

18500 kg



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GEAR BOX TO ATLAS-STORD´S „SUPER PULP PRESS 5000“

Speed

n_2 = 1,6 rpm

Ratio

i = 250 : 1

Torque per Outputshaft

T_2 = 1.500 kNm / shaft

Weight

73000 kg

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HELICAL GEARUNIT TO DRIVE A BABBINI PULP PRESS TYPE

P 18 / H

Ratio

i = 189

Torque

T2 = 334500 Nm

Weight

14400 kg

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MASH GEARBOX

Nominal Power

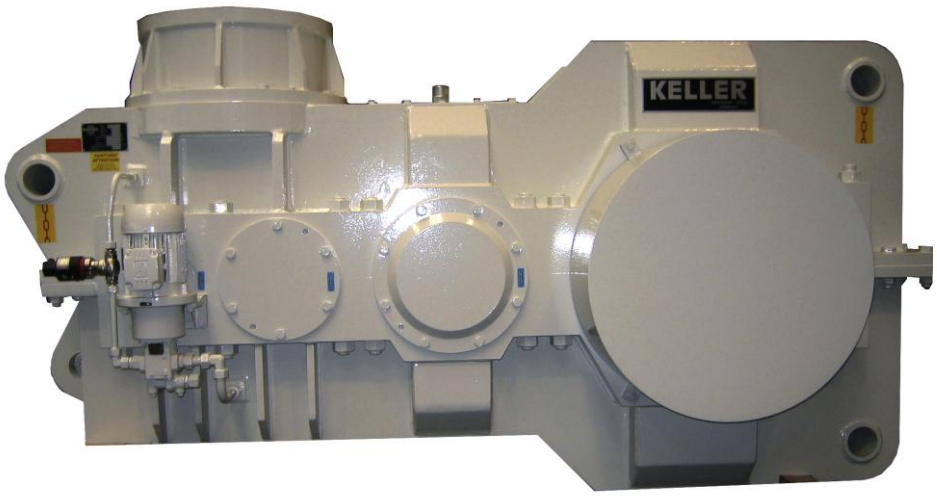
P_{mot} = 55 kW

Speed

n1 = 400- 1460 rpm ; n2 = 0,41 – 1,5 rpm

Weight

5900 kg



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GEARBOX TO DRIVE A BABBINI CHICORY-PRESS TYPE PB 32 SP

Speed
n2 = 0,75- 3,5 rpm

Ratio
i = 114,6 : 1

Torque per Outputshaft
T2 = 730 kNm / shaft

Weight
37830 kg

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