

ABOUT PW HUEBER

As an independent specialist in gear manufacturing, gear technology, and complete drive units, we handle nearly every step of the value chain in our state-of-the-art production facilities in St. Ingbert and Kirn (both in Germany). This ensures maximum quality, flexibility, and reliability – all from a single source.



YOUR BENEFITS

- In-house research and development department
- State-of-the-art machinery
- Materials exclusively with European certificate of origin
- Highest standards of material quality for cast, shaft and gear parts
- In-house hardening shop
- Ground gear teeth from quality 5
- Use of high-quality roller bearings (FAG, SKF, NSK)
- Grinding burn testing for quality assurance
- Global sales and service



EXPERTISE

- Consulting and engineering
- Procurement of high-quality, certified materials
- Manufacturing, assembly and test bench running
- Installation, instruction and training by qualified service personnel



SERVICE AND AFTER SALES

- Worldwide availability of our service technicians
- Inspection and damage assessment
- Upgrades and modifications



CERTIFIED STANDARDS

- Certified according to DIN ISO 9001:2015
- Cooperation with all major classification societies: DNV, LR, BV, CCS, RS
- Certification for use in potentially explosive atmospheres: ATEX, MA, GOST
- Environmental management system according to DIN ISO 14001:2015

SPARE PARTS

- Flexible and fast spare parts supply thanks to in-house production
- Parts manufactured according to samples or drawings
- Modification of spare parts according to current technical standards
- PW Hueber warranty on spare parts



MAINTENANCE

- 5-year warranty when signing a maintenance contract
- Condition monitoring via remote support
- Condition analyses and customised solutions
- On-site inspection and maintenance

FULL SERVICE

- Creation of individual maintenance concepts
- Comprehensive project management
- Complete service support
- National and international



REPAIR

- Repair of gearboxes from all common manufacturers
- Short and flexible response times
- Bridging downtimes with temporary solutions
- Performance upgrades for older series

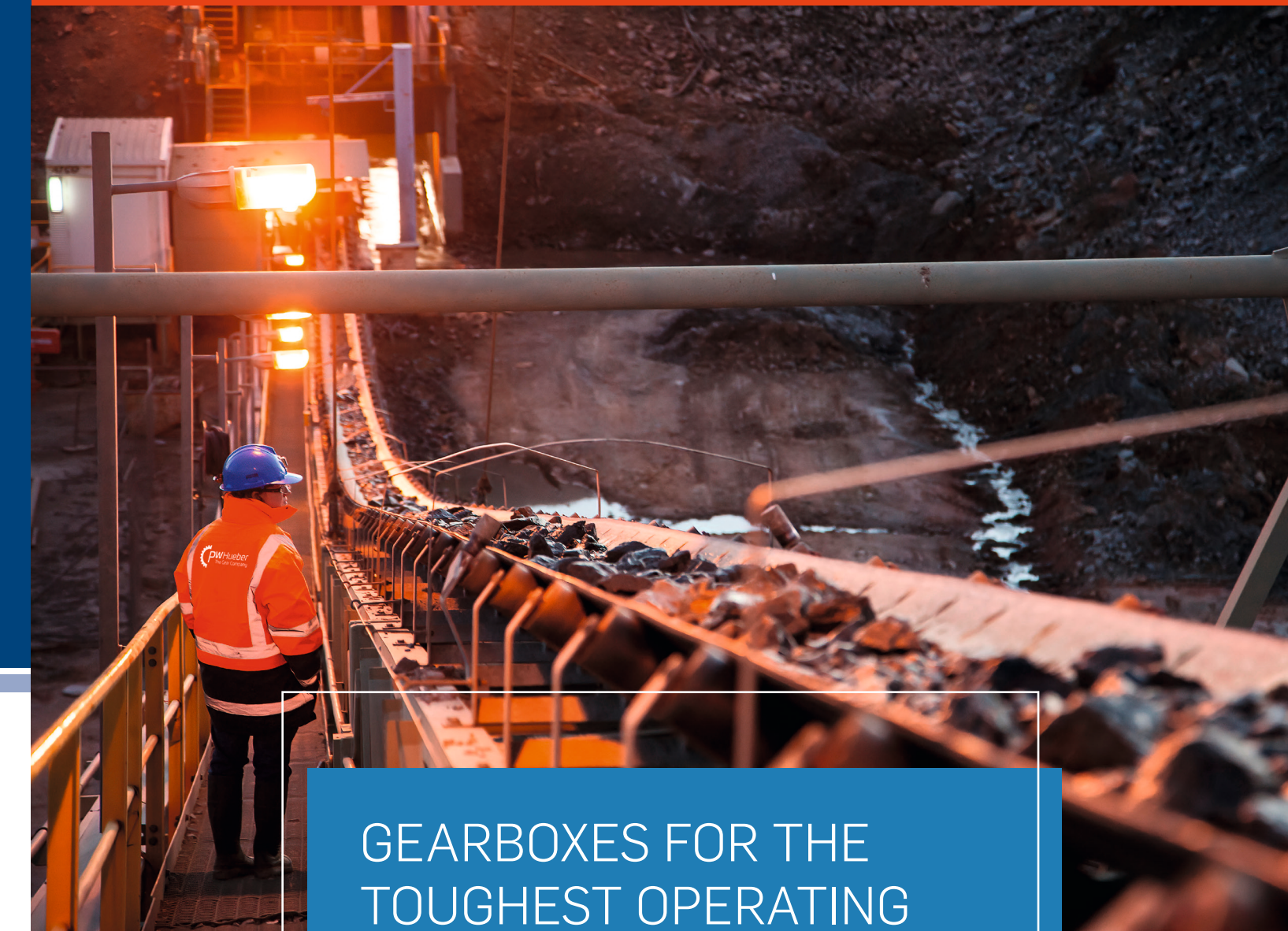


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GEARBOXES FOR THE
TOUGHEST OPERATING
CONDITIONS

www.pw-hueber.de/en

DURABLE AND ROBUST

For over 100 years, we have been developing gearboxes that consistently prove their reliability in operation. Each gearbox is engineered to support our global customers' processes with maximum efficiency and dependability. Through our expertise and meticulous development, we deliver durable, robust solutions that not only meet expectations but exceed them.

FLEXIBLE INSTALLATION POSITION – RIGHT OR LEFT

- Change of installation position with minimal conversion effort
- Gearboxes fully interchangeable with each other
- Flexible and cost-saving

OPTIMISED GEAR GEOMETRY

- Ensures precision, safety and smooth running
- Higher power transmission with reduced installation space



INTEGRATED BACKSTOP, EASY CONVERTIBLE FOR OPPOSITE DIRECTION OF ROTATION

- No additional safety device required for conveyor return

DIRECT DRIVE OF THE OIL LUBRICATION PUMP

- Optimal lubrication of gearing and bearings
- Effective cooling of highly stressed gear parts

BEARING MOUNTED GEAR WITH MAXIMUM HEAT LIMIT PERFORMANCE

- Optimised air flow and thermally designed housing
- Minimisation of external cooling requirements
- Cost savings, reduction of system and maintenance complexity to a minimum

OPTIONALLY AVAILABLE: INTEGRATED OIL-WATER COOLING

- Replaceable from the outside
- Suitable for the highest ambient temperatures

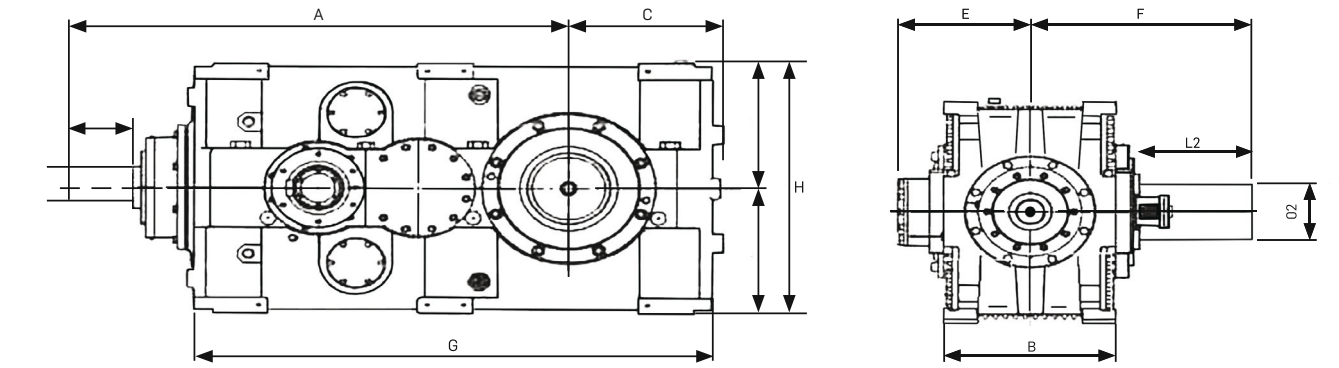
CONTACT-FREE SEALING SYSTEM ON DRIVE AND OUTPUT SHAFT

- Can also be used reliably in very dusty environments

POWERFUL, RELIABLE, AND IN USE WORLDWIDE

Our gearboxes rank among the world's best – particularly in mining. Designed for belt conveyor systems operating under extreme conditions, they provide maximum reliability in continuous 24/7 operation.

Available in flange or hollow-shaft designs, our multi-stage gearboxes deliver up to 1,500 kW per drive unit, depending on belt length and width. Whether above ground or underground, their exceptional robustness ensures safe and long-lasting conveyor performance.



PERFORMANCE DATA – CONTINUOUS CONVEYOR GEARBOXES

	A [mm]	B [mm]	C [mm]	E [mm]	F [mm]	G [mm]	H [mm]	H1 [mm]	H2 [mm]	D1 [mm]	L1 [mm]	D2 [mm]	L2 [mm]	M [kg]	T max. [km]
K 2S 35 x i	1167	475	375	379	589	1218	731	371	360	70	140	170	300	1498	65
K 2S 41 x i	1322	515	425	400	659	1373	811	411	400	80	170	190	350	2095	90
K 2S 45 x i	1470	540	470	433	761	1524	911	461	450	85	170	230	410	3045	131
K 2S 48 x i	1620	625	500	479	808	1671	961	486	475	100	210	210	410	4025	175
K 2S 54 x i	1802	705	55	521	917	1853	1078	553	525	110	210	270	470	5360	240
K 2S 57 x i	2020	785	625	567	959	2071	1238	633	605	120	210	290	470	6995	308
K 2S 64 x i	2135	850	685	601	996	2186	1338	683	655	130	250	320	470	8550	425
Ratio i	14	16	18	20	25	31,5	35,5								

	A [mm]	B [mm]	C [mm]	E [mm]	F [mm]	G [mm]	H [mm]	H1 [mm]	H2 [mm]	D1 [mm]	L1 [mm]	D2 [mm]	L2 [mm]	M [kg]	T max. [km]
K 3S 35 x i	1280	475	375	379	589	1331	731	371	360	60	125	170	300	1578	65
K 3S 41 x i	1428	515	425	400	659	1478	811	411	400	65	125	190	350	2206	90
K 3S 45 x i	1585	540	470	433	761	1639	911	461	450	70	125	230	410	3210	131
K 3S 48 x i	1765	625	500	479	808	1816	961	486	475	80	155	210	410	4248	175
K 3S 54 x i	1968	705	55	521	917	2019	1078	553	525	85	155	270	470	5657	240
K 3S 57 x i	2194	785	625	567	959	2245	1238	633	605	90	155	290	470	7365	308
K 3S 64 x i	2338	850	685	601	996	2389	1338	683	655	95	195	320	470	8988	425
Ratio i	40	45	50	63	71	80*	90*								

* on request

We are happy to provide custom dimensions and designs on request. We look forward to hearing from you!