

PKS

Formed on January 1st, 2000, the first day of the new millennium, PKS has since seen rapid development into a valued and reliable partner for all industry segments that specify the very highest standards for their processed steel.

PKS - PRECISION, KOMPETENCE AND SERVICE.

We launched our company under this motto and it remains our guiding principle to this day.

Our motto is more than mere words: it guides our systematic approach to satisfying our customers, who require products that are not only cost-effective, competitive and technically excellent but which must, above all, comply with quality standards. As a result, we source our products exclusively from suppliers who can guarantee superior levels of quality.

The underlying principle driving our business activities and involving our company's entire expertise – i.e. our employees, our technology and our experience – is the fulfilment of our customers' requirements.

During the last ten years we have applied this guiding principle to create a set of storage solutions that is particularly capable of coping with today's increasingly prevalent „just in time“ philosophy.

C 40 „Modified. “, Forged

Our special steel grade C 40 „mod“ used in the hydraulic production has special properties giving splendid qualities for drilling, milling and machinability.

This quality is supplied and manufactured solely for us by the Casting Works in Groeditz and is supplied exclusive to PKS.

This manufacturer has all of the required notable certifications from the leading International Certification Authorities.

Delivered to us in this quality, it is compression free of blow or shrink holes, has constant hardness characteristic and is clean forged pig iron.

The heat treatment comprises of a normalizing process to obtain best machinability.

All forged sizes are regulated of course, in plus tolerances.

Every single bar is supplied ultra-sonic – detected to SEP 1921 PG2/C.c

Test certificates, upon request, for an extra charge to DIN / EN 10204/3.1 this to include the mechanical properties and chemical analysis. Heat treatment and ultra-sonic – detection test documents and the detail of the impact test to – 20°C

The starting size can be reduced by cutting and milling, in our own workshops, to significantly appreciable smaller sizes, this means series as well as single pieces and up to a six-faces machined block can be offered to our customers

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Continuous- and Chill Casting

To offer an even wider programme to our customers in the hydraulic block production, we have extended our programme with a partnership with a high quality cast producer to enable us to offer continuous- and chill cast products to our range.

This applies to all the listed sizes in the grades:-

GJL250 / GJS400 / GJS500 / GJS600, as well as the better machinability and the technical modified materials we offer:

These are available in mill lengths or from our “cut piece” workshop, through sawing or milling for a much smaller size or block. These we can deliver as for series production requirement or single pieces as the customer requests, up to a six-faces-machined block!

PKS - PRECISION, KOMPETENCE AND SERVICE

In orienting our portfolio to our customers' needs, we make absolutely no compromises. We aim to offer all of our customers a portfolio of services that is tailored precisely to their individual needs. We work together with our customers to identify solutions in the areas of quality optimization, dimensioning, processing, material flow and logistics.

In 2006, we used the opportunity offered by our move to new, modern premises to implement a QA system to the DIN EN ISO 9001: 2000 standard. This quality-management system is subject to continuous external review and was most recently updated in February 2010 to reflect the latest ISO 9001: 2008 release.

Where manufacturing steps require processing techniques that go beyond traditional commercial steelworking, we can offer a range of facilities, with a particular focus on sawmills, milling plant and deburring machinery. We continue to invest in processing technology, optimizing our portfolio to suit customer requirements.

In our core field of business – hydraulic steel and its associated industrial processes – PKS GmbH will continue to be your partners' leading specialist, offering the greatest possible expertise. After all, we live and work on the principle that

„He, who gives up, to improve, has already given up , to be good“