



the main transport method has meant that a series of organisational and technical innovations have been achieved: such as the KEP-Car, KEP-Box, KEP-Train, Central junction & Line- or Central junction & circular network, KEP-Mobiler and KEP-EHB.

The result of the transformation to the KEP-Train system is that fixed sorting offices are no longer required. Time is critical for the post and the best main run transfer method will be to put it onto rails.

www.  .com

Project “Magnetic levitation crane”

The common use of wheel and track combinations in material handling especially with cranes, trolleys and running gear in general means wear of the wheels and rails and also the high dynamic load on the wheel, the track, the rails and the sub assembly. The result is repetitive servicing and repair work.

With the employment of linear motors in combination with the magnetic levitation technology it is possible to greatly reduce the load stress and the upkeep through service and repair work. To carry or guide the crane, the trolleys, head assemblies or running gear of the chain hoists and cable winches there are synchronous and asynchronous, long or short linear motors that are suitable as drive systems. Through the pull or push of the magnetic fields of the primary or secondary units that are employed it is possible to carry, traverse and guide the crane. Other versions on the same theme are permanent magnets and the so called “trivalent” system.

IMEC

Technical and logistic services provider

IMEC

Technical and logistic services provider

Storchschnabelweg 3
16303 Schwedt

Tel.: +49 (0) 33 32 / 51 24 00
Fax.: +49 (0) 33 32 / 51 24 01

Web: www.imec-service.de
E-Mail: info@imec-service.de

Project:





Company

- Our company was founded in 1997 and is active in the following fields of industry:
- Engineering
- Personnel and
- innovations.

On the one side there is motivation and on the other there is the excellent standard of professional training: the experience and know-how of our staff are the prerequisite for the quality and the performance they deliver.

As reliable and competent cooperation partners we guarantee our customers fast and uncomplicated order processing, around the clock if needs be! For solving a customer's problems or bottle necks, we know that a close relationship is necessary for an effective cooperation.

The projects realised by us are a direct result of our customer orientated thinking and working. We would be happy to receive your enquiry.

Our services

Support in the spheres of Bereich

- Supply
- Material handling engineering
- Welding technology
- Plant and steel fabrication.

and also professional staff available for:

- Welding supervisors
- Authorisation personnel
- Design engineers
- Research engineers

We can offer this support for:

- Planning
- Project configuration
- Development
- Supervision
- Examination testing, repairs and servicing work

Innovation

One of our increasingly important branches is the development and work transforming new ideas and technologies. In the business field of "Innovation" there is also a conditional requirement included in our customers assignments and in the energy related projects that require the cooperation with technical colleges and universities is frequent.

Two examples:

Project „KEPTrain“

With the introduction of the satellite backed toll system and the costly environmental vehicle tax in Germany, there is an attempt to bring the transport of goods away from the road and onto more environmentally friendly freight carriers such as by rail or on water. The alternative freight carriers however, do not become any more competitive just because of these measures.

The KEP-Train system shows an alternative solution to the Courier, Express, Packet and Post that is able to meet the needs of modern road traffic requirements. The inclusion of rail transport as

IMEC

Technical and logistic services provider