



HepcoMotion®

ZIMM®

Screw Jack Systems



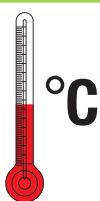
HEPCO®
www.HepcoMotion.com

Product features of our new Z-series

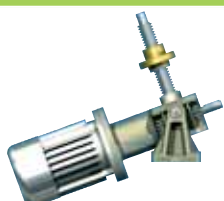
- ➔ Corrosion resistant (as standard)
- ➔ Performance
- ➔ Service life
- ➔ Duty Cycle
- ➔ Load
- ➔ Innovation: 8 patents pending/registered



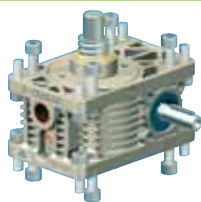
Corrosion protection



Cooling by rib design



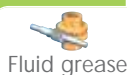
Integrated pivot bearing



4 mounting options



Separate lubrication system enables high-duty applications



Fluid grease



Paste



Paste

Z-Series Screw Jack
Option availability

● available

● in preparation



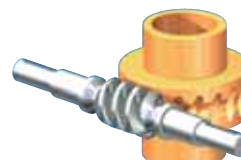
Trapezoidal thread Tr



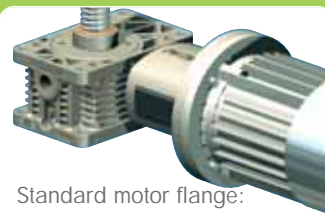
Ball screw KGT



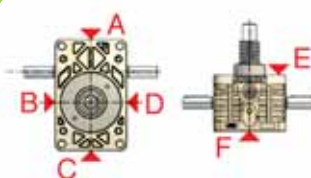
Sealed gearbox



High-performance:
hardened wormshaft



Standard motor flange:
compact and cost-effective



Gearbox identifying mark

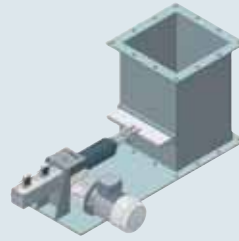
Screw Jack application examples



Adjustment of a roller system
in the textile industry



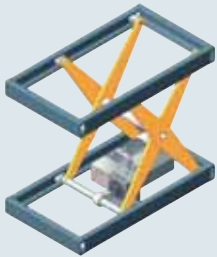
Centering mechanism with
right and left thread spindles



Position drive for feed slide
in a grain shaft



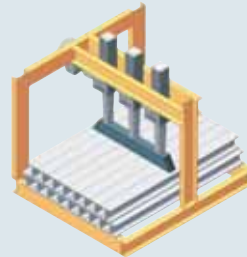
Height adjustment on bottle
monitoring systems



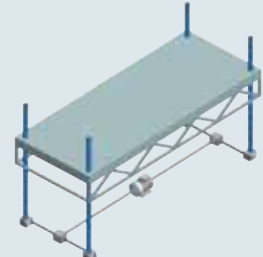
Scissor table



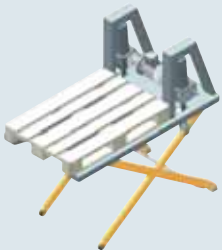
Conveyor adjustment



Alignment of steel profiles



Stage adjustment



Mobile scissor table for palette
transfer with a hand lift



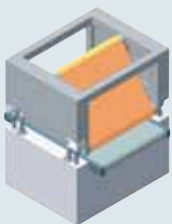
Mobile lifting platform



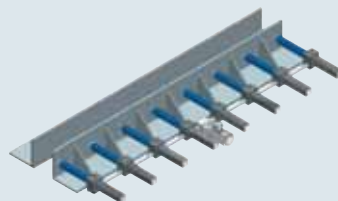
Motor gripper for steel profile



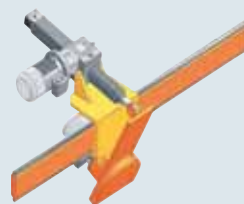
Compact press



Wide belt grinding machine –
precise adjustable stop
with 4 screw jacks



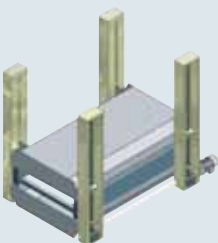
Adjustment of steel shuttering
for concrete beam – 8 screw jacks
of 50kN each



Angle adjustment of a
plate saw – screw jack with
linear measuring system



Opening and closing
of a sealed pressure tank

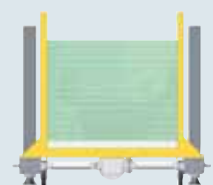


The lower and upper part of the linear freeze-dryer system is opened
electro-mechanically with screw jacks for cleaning

Three-point system of
a lapping and polishing apparatus,
diameter 7.000mm.
Compensation is made for different
component sizes by the screw jack



Parabolic Antenna $\varnothing = 3,3\text{m}$
Both axes - azimuth + elevation
each 50kN
Setting range per movement
0,02 – 0,05mm
These installations are outside
along coastal regions



Constant discharge level regulation by means of lifting gears
in a mobile container for panel production

Introducing Z-series Screw Jack Systems

Dear Customer

HepcoMotion® is pleased to introduce the **new** ZIMM® 'Z' Series **corrosion resistant** screw jack system, specifically designed for previously difficult to specify applications. These include applications open to external elements as well as food, pharmaceutical, clean room and general industrial areas subject to potential contamination.

Corrosion resistant is now standard!

With sizes ranging from 5kN to 1,000kN in 'standing or rotating' screw options, together with gearboxes, motors, connection shafts and an extensive range of system accessories, HepcoMotion®-ZIMM® Screw Jacks can accommodate almost any of the needs of today's designers and engineers.

With Hepco's years of experience in linear motion and load control, we can offer full technical assistance from the concept stage right through to final specification and, if necessary, a detailed CAD drawing can be produced to ensure the components are exactly to the customers' requirements.

We hope this short leaflet is of interest to you. If you would like a copy of our full technical catalogue or require further assistance, please contact our Sales office on 01884 257000 or email us at sales@hepcotion.com.

We look forward to assisting you in all your application needs.

HepcoMotion®

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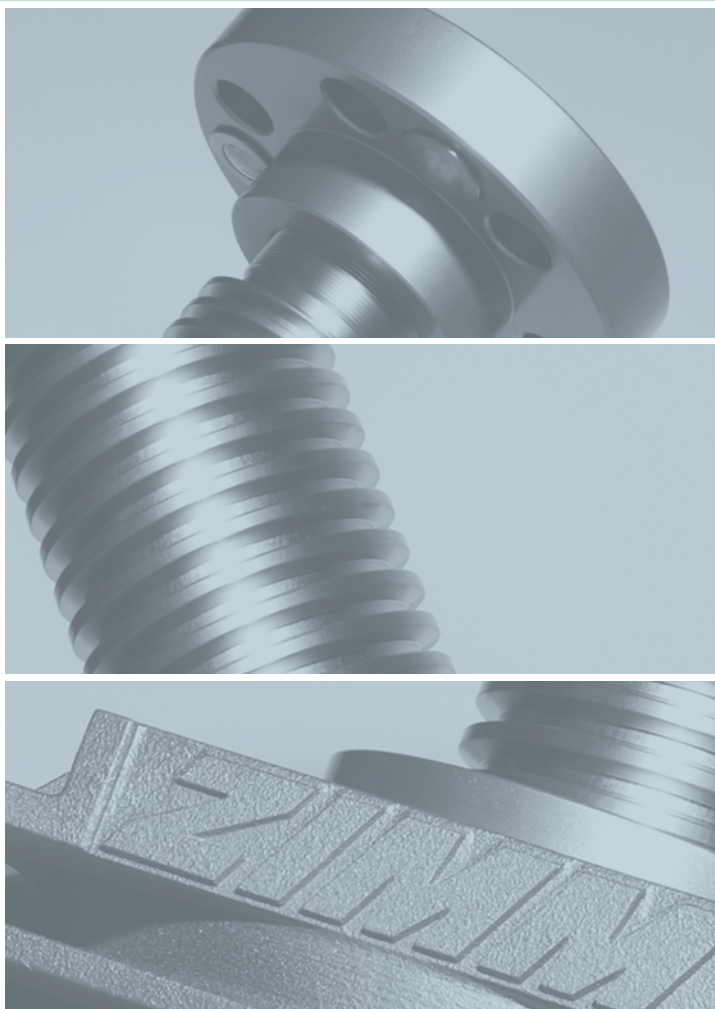
HepcoMotion®

ZIMM®

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INVESTOR IN PEOPLE



Industries served:

Automotive	Component Pick and Place
General Automation	Warehouse and Storage Systems
Scientific Instruments	Lifting and Handling
Electronic Component Placement	CD Production
Printing	Animation and Film Production
Packaging	Robot Spray Equipment
Pharmaceutical	Welding and Profile Cutting
Railway Engineering	Food Wrapping and Processing
Paper Processing and Handling	Laboratory Test Equipment
Wood Processing	Box Making and Folding
Machine Tool Change	Glass Production
Nuclear Engineering	Medical Equipment
Stone Cutting	Cash dispensing Machines
Bottle Filling	Aerospace
Automatic Door Gear	Labelling and Marking
Windows and Shutters	Plotting and Scanning
Offshore Oil Industry	Textile Machines