

# benzlers

with you at every turn

Benzlers Scewjacks



Series BD



## Product Information

Benzlers Screwjacks are built for linear raising, lowering, pulling, pushing, pressing, or adjusting loads from a few kilograms to hundreds of tonnes. An advanced alternative to pneumatic or hydraulic jacks because of their greater precision and consistency, Benzlers Screwjacks are an ideal solution for a wide range of industries and applications.

Benzlers Screwjacks have accurate and reliable positioning features, which enables multiple Screwjacks to be operated together, performing the exact same movements, at the exact same time, and to millimetre precision. The advance design of the Screwjacks range ensures operational safety is combined with an easy to install product that is reliable and engineered for longevity.

### Unit Sizes:

27, 40, 58, 66, 86, 100, 125, 200

### Load Capacity:

1 Ton to 100 tonnes

### Lifting Speed:

Up to 5 m/min



## Features

Bespoke systems

Easy and compact installation

Irreversible (static)

Grease lubrication

Environmentally friendly

Worm Technology

Stainless steel execution

## Benefits

Suits the customer's application. Reduced design costs

No power packs, piping, cylinders etc. Reduced HSE Issues

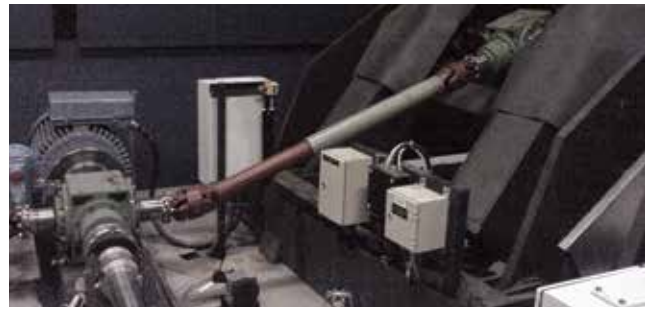
Maintains load position when power is off. Safety critical operation

Helps prevent leakage. Plant availability and HSE issues

No hydraulic fluids to dispose of, or replace. Eliminates waste costs

Quiet running. Noise reduction

Suitable for severe environments. Reduced maintenance and through life costs



## Heavy lifting, rapid movement and millimetre precise positioning

- **Moves large masses quickly**

Heavy lifting. Up to 100 tonnes.  
Speeds up to 5 m/min.  
Max. stroke up to 12 metres.

- **For linear movements**

Horizontal, vertical, pushing and pulling.

- **Precise positioning**

With position sensors or speed (rpm) control via an encoder.

- **High level of safety as standard**

Irreversible in the standard version with a trapezoidal screw.

Optional:

- Improved safety with wear sensor and load arrester.

- Safety nut to protect against worm gear failure.

- **Choose an optional drive source**

Electric motors, hydraulic or pneumatic motors.

- **Standardised design and construction**

High availability. Large selection of motor connections, several lift screw options. Filled with grease to withstand all installation positions.



- **Easy to synchronize in systems**

Accurate and repeatable positioning, where several jacks perform exactly the same movements at exactly the same time.

- **Easy to install**

Easy to install, the jack is part of the machine foundation.

- **IEC standard for motor connection**

Flexibility, standardisation, replaceability.

- **Environmentally friendly**

Low noise level, vibration free operation, no oil leakage.

- **Limited maintenance**

Relatively simple and proven design, easy to install and maintain. Long service life.

- **Withstands extremely demanding environments**

For the truly demanding environments, such as the paper and cellulose industry, we offer a version that is entirely resistant to acids.

**Benzlers** believes in engineering quality relationships with our customers that strengthen what we can achieve together. Our business and the people within our business are committed to building long lasting partnerships that are as reliable as our products and as smooth as our service.

Benzlers and sister company Radicon are now part of Elecon Engineering, Asia's largest and fastest growing gear manufacturer. This partnership means that we can offer our customers an enhanced range of standard and bespoke engineering solutions including drop in replacements, all supplied with the product quality and engineering expertise demanded from and delivered by the Benzlers business.

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