

QUESTIONNAIRE



For the operation of
Pfaff-silberblau worm gear screw jacks

Company:
Address:
Phone: Fax: Department:
Name: E-mail:

Maximum load is in any case dependent on stroke-height, additional guide measures and required lifting speed. In order to let us offer you the best-possible lifting system for your needs, please provide us with the following details:

In what type of system or machine are the screw jacks being used?

.....

We recommend that you send us a diagram showing how the screw jacks are arranged, indicating their functions and main dimensions, and – if fitted – the position of any additional guide elements.

Numbers of lifting systems:
Numbers of screw jacks per lifting system:
Schematic view no.:

Axial strain on the screws:

Per system: dynamic: kN
 static: kN
Per screw: dynamic: kN
 static: kN

Type of load: Tension
 Compression
 Tension and Compression
Vibrations: no yes
Shocks or strokes: no yes

Do not forget to note ALL extraordinary operating conditions - they may prove to be highly important.
e. g. the presence of sawdust, cement dust, air humidity (in %), stopping accuracy, absence of or insufficient lubrication, ATEX etc.

.....

Are any local-authority or professional-association rules to be observed with respect to accident prevention measures ((EN 1570, EN 280, EN 1756, EN 1493 and BGV C1) e. g. for the operation of lifting platforms?

If yes, which ones?.....
.....

Safety nut short long

Lateral strain on the screws:

Is lateral strain present? yes no
If yes, how much strain, and what points does it affect? Please include these details in a drawing.

Desired usable stroke: mm

QUESTIONNAIRE



For the operation of
Pfaff-silberblau worm gear screw jacks

Are lateral guides fitted? yes no
 Desired lifting speed: mm/min
 Ambient temperature: °C

How should unit be driven? Manual Motor drive
 How are the screws to be installed? vertically horizontally

How often is the system used?

Load cycles per hour: Days per week:
 Hours per day: Distance covered by each load cycle:mm

Which parts would you like us to supply for the system?

Config. type 1 yes no

Range:

Design:

Head type:

Protection boot: yes no

Options:

Screw jacks with lifting screw

SHE HSE Merkur M SHG G

I II III IV GK (M range only)
 (For tensile load we recommend II or III)

Config. type 2 yes no

Range:

Design:

Head type: yes no

Protection boot: yes no

Options:

Screw jacks with rotating screw and travelling nut

SHE HSE Merkur M SHG G

Bevel gear box

Range:

Ratio: 1:1 1,5:1 2:1 3:1 4:1 5:1

Motor

Voltage: V

Frequency: Hz

Protection rating:

Connecting shafts

yes no (indicate clearance distances of screw jacks or shaft length)

Couplings

yes no

Pillow blocks

yes no

Connecting flange

yes no

Accessories

.....

If screw jacks with ball screws or multi-start screws are to be supplied, please indicate accordingly.

.....

.....
 Date Signature and stamp