

# 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 (VGB 14) und BGV C1 (VGB 70)) 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

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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 per 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

yes  no

yes  no

**Bevel gear box**

Range: .....

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

yes  no

**Motor**

Voltage: .....

Frequency: .....

Protection rating: .....

yes  no

..... V

..... Hz

.....

**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