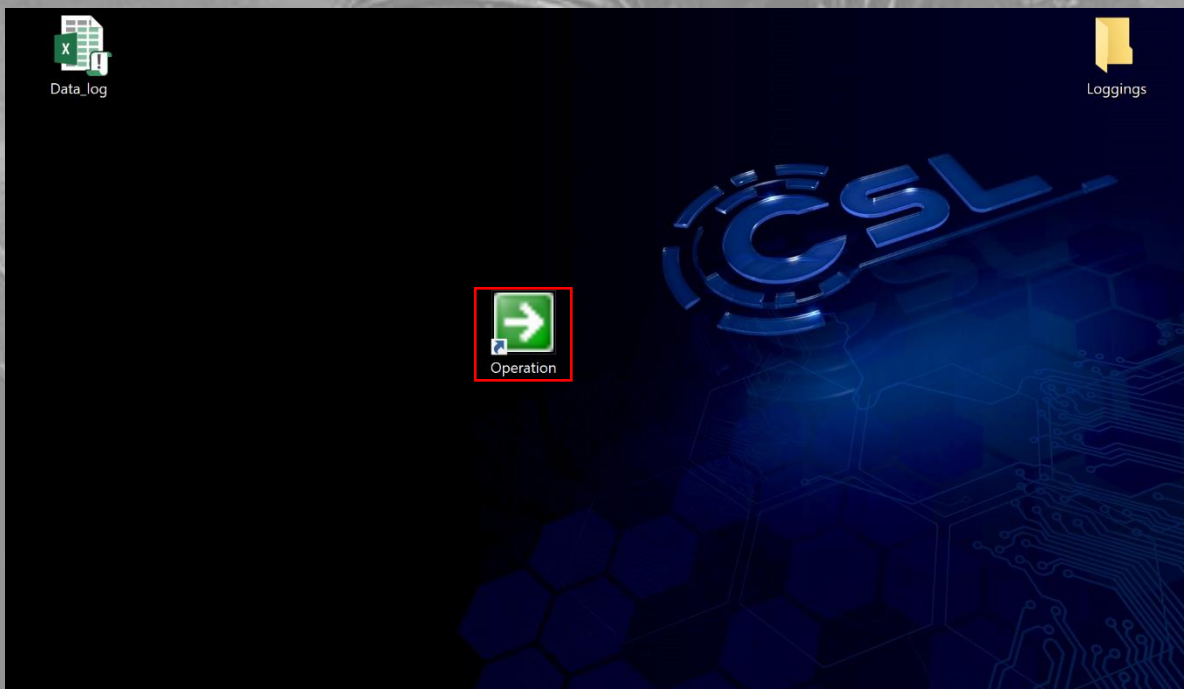


Start-Up	3
Change Language	5
Choose Pressure Mode	6
Direct pressure input	7
Choose tool and torque	8
Choose for predefined jobs	9
Write Jobs	10
Calibration	12
Main menu	13
Manual operation	14
Automatic operation	15
Data Logging	18

Connect the power pack to the operating voltage

Start the Tablet by pushing the power button and  
log in with your PIN (default: 1962)

Start Operation Application



If no program interface is visible, please check the WiFi connection. The tablet should be connected to a WiFi with the name TP-Link...



09:09

18.11.2024



Press Language/Sprache

The screenshot shows a main menu with the following elements:

- Log-In** button
- User information: **Stephan Dahlmann**, Mechanik und Antriebstechnik GmbH, **TORQUE\_DOC**
- Language** button (highlighted with a red box)
- Insert Pressure in bar** button
- Choose Tool and insert torque in Nm** button
- Choose Job** button

Choose Language and press back

The screenshot shows a language selection screen with the following elements:

- User information: **Stephan Dahlmann**, Mechanik und Antriebstechnik GmbH, **TORQUE\_DOC**
- deutsch** button
- englisch** button
- back** button (highlighted with a red box)

3 modes to set the pressure setpoint:

- 1 direct pressure value input
- 2 determine from tool and torque from database
- 3 selections of predefined jobs

Log-In

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Language

1 **Insert Pressure in bar**

2 **Choose Tool and insert torque in Nm**

3 **Choose Job**

1. Enter the pressure value using the keypad and press enter

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

1  Min value: 100.0 Max value: 700.0

2 **continue**

**Attention!**  
Calibration will be overwritten

3 **Back to Pressure Setting**

2. Go to calibration by pressing continue

3. To cancel the process press "Back to pressure Setting"

Choose Tool by  
Manufacturer, production line and model

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

TorsionX	Titan	0.7MD	10MD
Atlas Copco	Hytorc	1MD	17MD
TorqUP	Tool not listed	3MD	32MD
		5MD	Tool not listed

1. Insert Torque using the keypad and press enter
2. Continue with press on continue
3. If tool or manufacturer not listed, click on "tool not listed" and continue with direct pressure input

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

1  2 **continue**

3 **Tool not listed**

job selection by clicking on the desired job

1. Click read and check data
2. Continue by click on "Start job"

Log-In

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Language

Job 1	Numbers of screws 0
Job 2	pressure 1    0 bar
Job 3	pressure 2    0 bar
Job 4	pressure 2    0 bar

Back to Pressure Setting

Log-In

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Language

Start Job

Job 1	Numbers of screws 4	read
Job 2	pressure 1    200 bar	
Job 3	pressure 2    350 bar	
Job 4	pressure 2    500 bar	

Back to Pressure Setting

Check data again and continue with click on "Calibration"

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Calibration

Numbers of screws 4
pressure 1    200 bar
pressure 2    350 bar
pressure 2    500 bar

Back to Pressure Setting

Log in with Master login  
(Default user: Admin  
Password: 0000)

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Language

Log-In

Log in dialog:  
User name: Admin  
Password: 0000  
OK Cancel

Job 1	Numbers of screws 4
Job 2	pressure 1    200 bar
Job 3	pressure 2    350 bar
Job 4	pressure 2    500 bar

Back to Pressure Setting

Select job and go to  
Writing mode

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Language

Log-In  
Change Password

Start Job

Job 1	1	Numbers of screws 4	read
Job 2		pressure 1    200 bar	2 write
Job 3		pressure 2    350 bar	
Job 4		pressure 2    500 bar	

Back to Pressure Setting

Select the data to be changed and enter the values

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Numbers of screws 16

write

pressure 1 || 150 bar

pressure 2 || 350 bar

pressure 2 || 600 bar

Back to  
Pressure Setting

Save Data with "write"

Go back to pressure  
Setting

Heed the warning and  
press "Continue"

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

continue

Min value: 100.0 Max value: 700.0  
300.0

**Attention!**  
Attention will be overwritten

Back to  
Pressure Setting

Separate Tool from screw  
press and hold start until  
calibration is finished

Press continue

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

- For calibration:**  
1. separate tool from screw  
2. press and hold start

restart with  
pressure set

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

calibration complete

continue

restart with  
pressure set

Choose Operation Mode:

1. Automatic tighten and documentation
2. Manual operating
3. Restart with other tool or pressure-setpoint

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC



1

**automatic tightening**

2

**Manual screwing**

3

**Change Tool/  
Calibration**

Use the remote control to operate:

Press Start -> Start Motor and Start the engine and extend the tool piston

Release Start-> retract piston

press Stop -> Stop Motor

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
**TORQUE\_DOC**

**Use remote Control  
to operate**

**Main menu**

Back to main menu with click on  
"Main menu"

Press continue

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Insert numbers  
of screws

continue

Main menu

Insert number of screws and  
press enter on your keypad

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Pressure Set

All s  
ba  
ned  
u

Min value: Max value:

0

Monitor the tool on the screw

Start the tightening operation by tapping "Start" on the remote control

After the screw is tightened, the operation will stop automatically

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Pressure Set

300.0 bar

Screw 1 of 5

Manual screwing

Main menu

After all screws have been tightened, a confirmation is displayed on the screen. To restart, the main menu must be called up.

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

Pressure Set

All screws are tightened  
back to main menu

If the stop button is pressed during the process or the tool cannot complete a full stroke, the process stops and an error message appears. Answer this by pressing on the yes/no field on the tablet screen.

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

**Operation aborted  
Screw tightened?**

Yes

No

Stephan Dahlmann  
Mechanik und Antriebstechnik GmbH  
TORQUE\_DOC

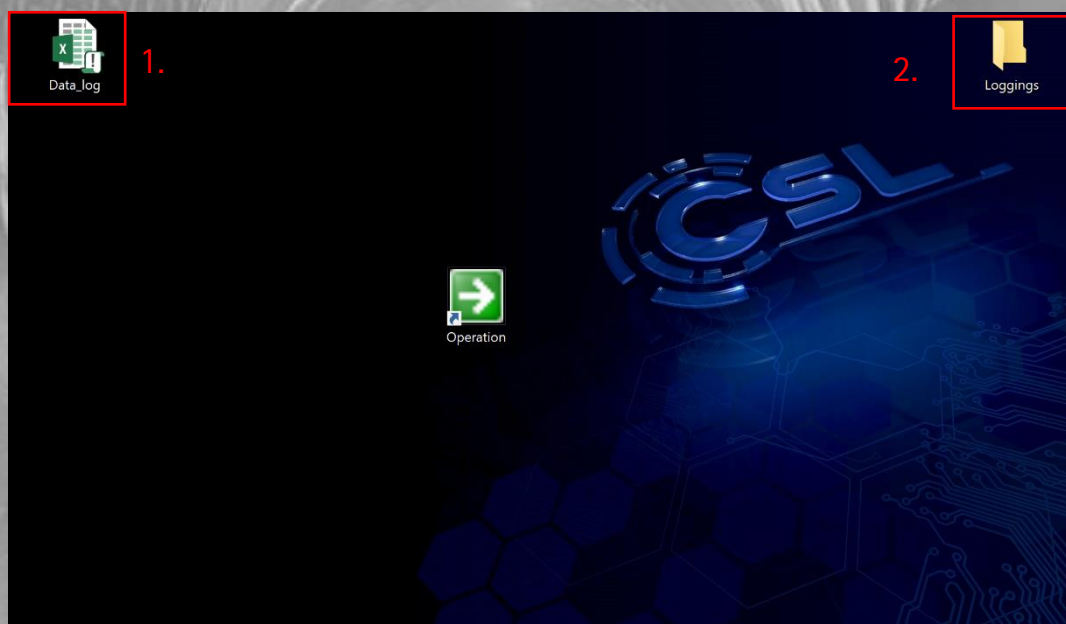
**Operation aborted  
Screw loose before start?**

Yes

No

If the tool is blocked, the motor can be started by holding the stop button on the remote control and the tool can be unblocked.

1. While connected with the Torque\_Doc WiFi (TP-Link)  
Start the Data\_log file on the desktop of your tablet and insert the required Data



Confirm the message with okay. It may now take a few minutes for a log to be created. Do not close the application.

2. The log can be found in the Loggings-folder on the desktop, the name contains the project number.