

## Additional Instructions

Creating seam patterns

**IMPORTANT**  
**READ CAREFULLY BEFORE USE KEEP**  
**FOR FUTURE REFERENCE**

All rights reserved.

Property of Dürkopp Adler GmbH and protected by copyright. Any reuse of these contents, including extracts, is prohibited without the prior written approval of Dürkopp Adler GmbH.

Copyright © Dürkopp Adler GmbH 2022

<b>1</b>	<b>General information .....</b>	<b>3</b>
<b>2</b>	<b>Pattern Design software .....</b>	<b>4</b>
2.1	Downloading the software .....	4
2.2	Installing the software .....	5
2.3	Uninstalling the software .....	8
2.4	Troubleshooting .....	9
2.4.1	Message H0033 (Driver not installed) .....	9
2.4.2	Message H0007 (License dongle not found) .....	9
2.5	Using the software .....	10
<b>3</b>	<b>Using the new seam pattern on the machine.....</b>	<b>15</b>
3.1	Importing/exporting seam patterns .....	15
3.2	Activating/deactivating seam patterns .....	16
3.3	Performing a manual test run .....	18



## 1 General information

The Pattern Design software lets you change or adjust seam patterns.

### Components of the kit

Check whether the scope of delivery for kit 0513 590024 is correct prior to installation.

Part number	Quantity	Description
9850 510006	1	License dongle
0791 513701 EN	1	Additional Instructions

## **2 Pattern Design software**

Stored on the machine are 50 seam patterns. If you require an additional seam pattern, you can create it on your computer using a software application. The seam pattern is afterwards transferred to the machine.

To use the software, you will need a dongle that holds the license required for software use. This dongle can be purchased from Dürkopp Adler and has been included in this kit.

### **2.1 Downloading the software**

You can download the Pattern Design software for editing seam patterns by logging on to the download portal of Dürkopp Adler at:

<https://software.duerkopp-adler.com>

## 2.2 Installing the software

### System requirements

Aspect	Prerequisite
CPU processor	2.00 GHZ (minimum requirement)
Internal memory (RAM)	512 MB (minimum requirement)
Hard drive (local)	64 MB (minimum requirement)
Graphics card	128 MB (minimum requirement)
Screen resolution	1280x1024/1024x768/1280x900/1280x720 or higher resolution
System type	32/64-bit operating system
Compatible operating systems	Windows XP SP3 Windows 7 SP1 Windows 8 Windows 10 <b>The macOS operating system is NOT supported!</b>

### Parameter data Pattern Design software

Aspect	Prerequisite
Possible types of machines	Bartacking sewing machine, buttonhole sewing machine
Maximum sewing speed	3200 r/min (bartack) 2700 r/min (buttonhole)
Importable formats	DHP, DST, DSB, 6XX (special format), VDT, NSP, and DXF For image-supported processing functions: JPG, JPEG, BMP, and PNG
Exportable formats	DHP, NSP, VDT, and BIN While the default format, the control of the machine is unable to handle DHP. Please select <b>VDT</b> instead!



### Important

Before installing the software, make sure that all system requirements have been met - refer to the table shown above to confirm!

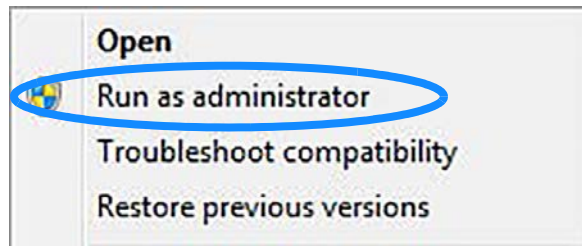
### NOTICE

#### Property damage may occur!

Errors or loss of seam patterns.

Leave the license dongle plugged in. DO NOT remove it while using the software.

Fig. 1: Installing the software (1)



To install the software:

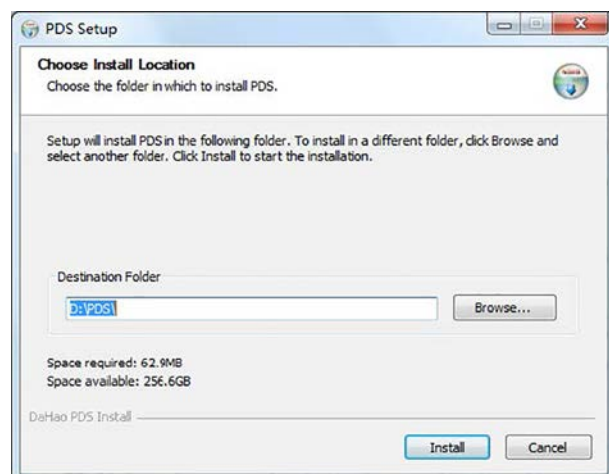
1. Plug the license dongle into your computer.
2. Start the program download by right-clicking the file and selecting Run as administrator.

Fig. 2: Installing/uninstalling the software (2)



3. Select your language and press OK to confirm.

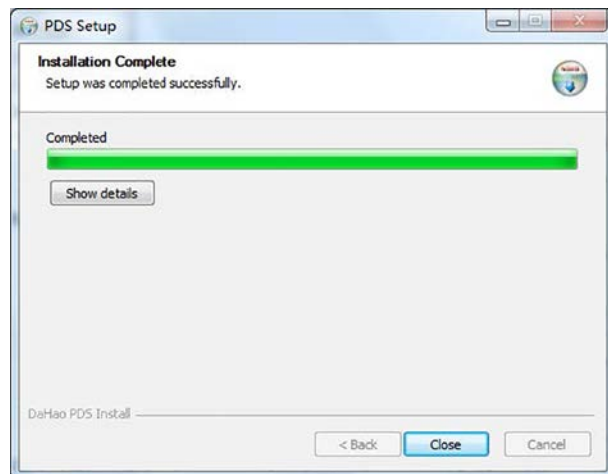
Fig. 3: Installing the software (3)



4. Select the storage location of the software and press **Install** to confirm.
- ➡ The software is being installed.

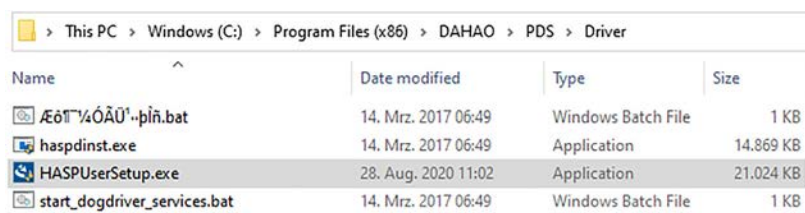


Fig. 4: Installing the software (4)



5. When the installation is complete, press **C**lose to confirm.
- ➡ The shortcut is created on the desktop of your computer.

Fig. 5: Installing the software (5)

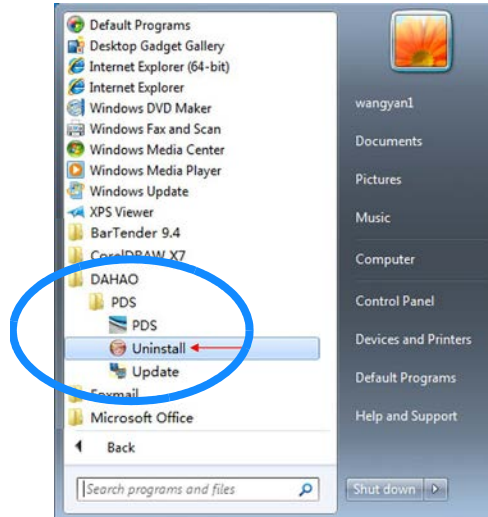


6. Open the storage location of the software (e. g. C:\PDS).
7. Select the folder **D**river and install the driver **H**ASP**U**ser**S**etup.**e**x**e** by right-clicking the file and selecting **R**un as administrator.
8. Restart the computer.
9. Launch the PDS software with a double click on the shortcut.

## 2.3 Uninstalling the software

If no longer needed or failing to launch properly on account of problems during the installation, the software must be uninstalled.

Fig. 6: Uninstalling the software



To uninstall the software:

1. Press the Windows button to open the start menu.
2. Uninstall the program using the `Uninstall` option.

## 2.4 Troubleshooting

When working with the software, error messages may appear on the control panel. In case of error messages, proceed as described below.

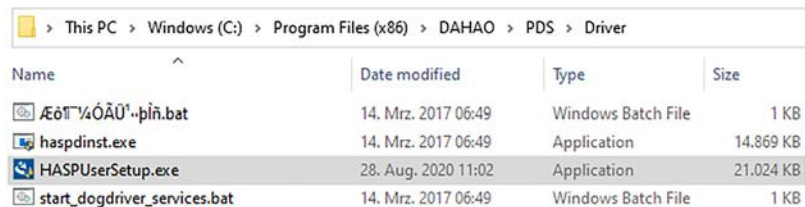
### 2.4.1 Message H0033 (Driver not installed)

Abb. 7: Message H0033 (1)



To install the driver:

Abb. 8: Message H0033 (2)



1. Open the storage location of the software (e. g. C:\PDS).
2. Select the folder `Driver` and install the driver `HASPUserSetup.exe` by right-clicking the file and selecting `Run as administrator`.
3. Restart the computer.

### 2.4.2 Message H0007 (License dongle not found)

Abb. 9: Message H0007



To fix message H0007:

1. Close PDS software.
2. Insert license dongle into the computer (part number to order 9850 510006).
3. Open PDS software again.

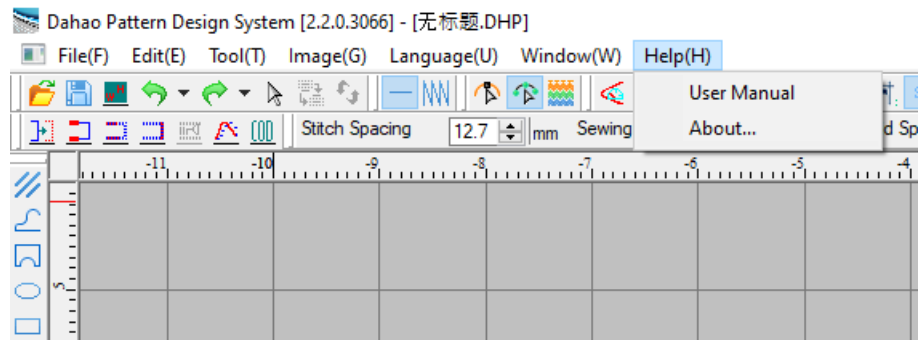
## 2.5 Using the software

After downloading the Pattern Design software, you will need to install it on your computer. You can then proceed to create or adjust seam patterns.

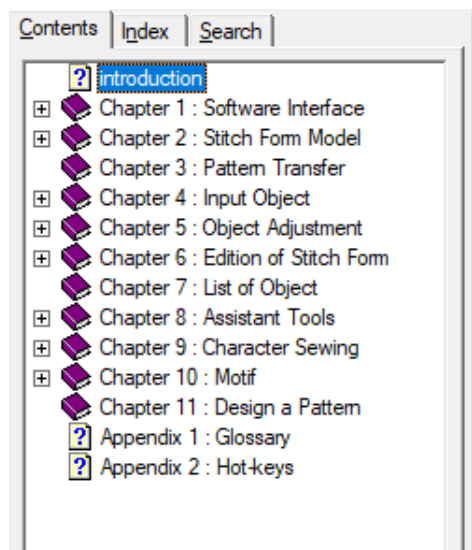


### Information

For information on how to create more complex seam patterns, refer to the detailed explanation in the manual under Help - User Manual.



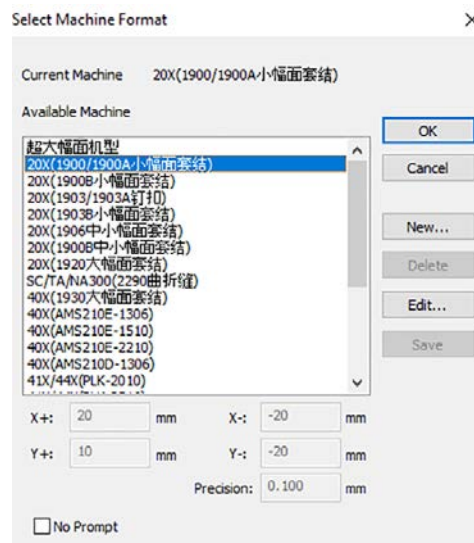
Contents of the User Manual:



To use the software:

1. Plug the dongle into your computer.
  2. Launch the software.
- ➡ A window opens prompting you to select the class:

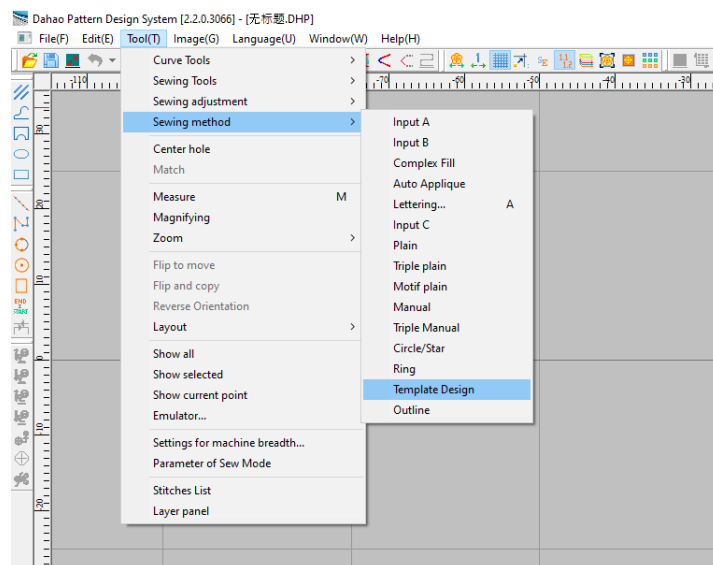
Fig. 10: Using the software (1)



3. Select the **1900/1900A** class and confirm with OK.

✎ The software shows the sewing area of the machine, indicated by a red and white line.

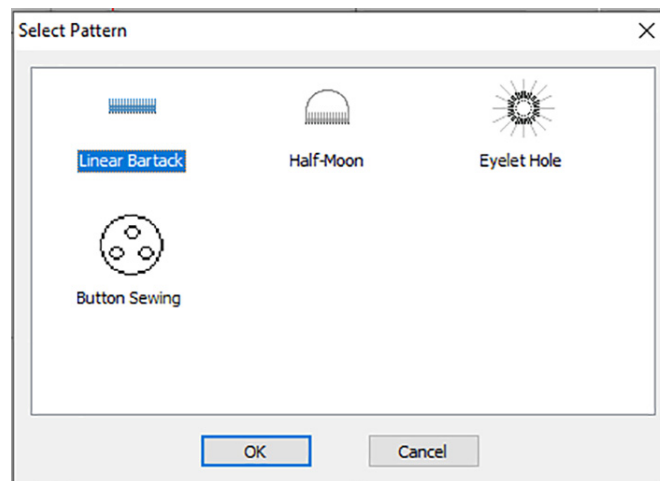
Fig. 11: Using the software (2)



4. Create a seam pattern via Tool - Sewing Method - Template Design.

✎ You will be shown a selection:

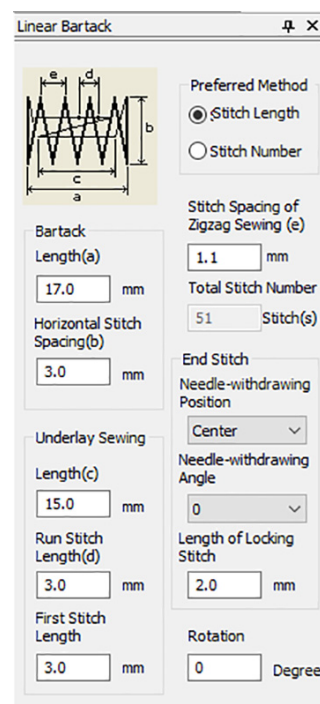
Fig. 12: Using the software (3)



5. Select **Linear Bartack** and confirm with **OK**.

➡ On the right, you will see the setting options for the bartack:


Fig. 13: Using the software (4)



6. Adjust the settings as desired and confirm with a press of the **Enter** button.



### Information

Press the  symbol in the top menu bar to enter the stitch list. The list shows all stitches and the associated coordinates, just as the stitch list you already know from previous classes.

7. Move the cursor into the sewing area.

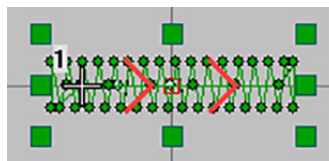
↳ A blue border appears that indicates the position of the seam pattern.

8. Use the left mouse button to position the seam pattern in the sewing area.

9. If you need to make additional adjustments, hold the seam pattern with a left click and drag to mark the seam pattern.

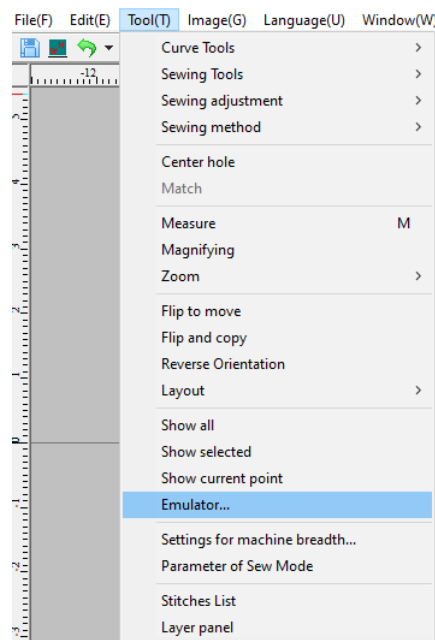
↳ The graphical representation now shows handles that you can use to edit the seam pattern:

Fig. 14: Using the software (5)



10. When finished editing the seam pattern, you can display a simulation of the sewing process to view the order of the stitches.

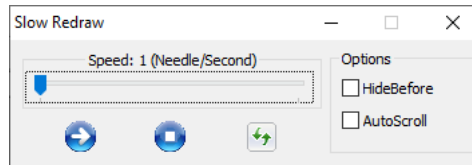
Fig. 15: Using the software (6)



11. To display the simulation, select **Tool - Emulator...**

↳ The software shows the emulator:

Fig. 16: Using the software (7)



12. For information on how to create more complex seam patterns, refer to the detailed explanation in the manual under **Help - Manual**.

13. Prepare a USB key by creating the folder **DH\_PAT** on the top directory level.

14. Save the seam pattern under **File - Save as**.

15. Assign a description - CAUTION, the required name format is **XXX.VDT**. The XXX portion must range between 101 and 200.

16. Save the final version of the seam pattern in the folder **DH\_PAT**.



### 3 Using the new seam pattern on the machine

#### 3.1 Importing/exporting seam patterns

The user can import seam patterns (bearing numbers 101 through 200) to the control panel of the machine using a USB key. The USB key can also be used to export seam patterns (bearing numbers 101 to 200) that are stored on the control panel.

Requirements:

- A seam pattern created in VDT format using the software
- Description with `XXX.VDT` (XXX must be a number between 101 and 200)
- Seam pattern must be saved in a folder under the name `DH_PAT` (on the top directory level of the USB key)



To import/export a seam pattern:


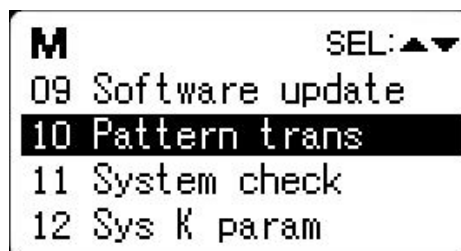
1. Switch on the machine.
  2. Press the  button.
- ↳ The system menu appears:

Fig. 17: Importing/exporting seam patterns (1)






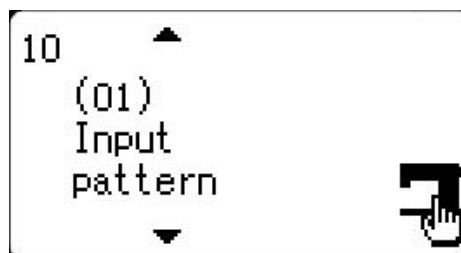


3. Use the arrow buttons   to select the 10 Pattern trans menu item.
  4. Press the  button to confirm.
- ↳ The display shows the submenu for importing/exporting the seam patterns:

Fig. 18: Importing/exporting seam patterns (2)



5. To select between Input Pattern, Export Pattern and Clear Pattern, use the   buttons.



#### Information

When you select Export Pattern, all seam patterns between 101 and 200 will be exported. Requirement: a USB key must be inserted in the control panel.


When you select Delete Pattern, the memory area for external seam patterns will be erased.

6. When you select Input Pattern, plug the USB key (on which the new seam pattern has been saved) into the control panel.



#### Important

During the import of the seam patterns, all seam patterns with an identical name will be overwritten on the control panel of the machine.

7. Press the  button.
  - ↳ The display shows the message Operation Executing, please do not turn off the machine - i.e. do not switch off the machine as the seam patterns are now being imported.
  - ↳ The message Operation succeeded! indicates that the import of the seam pattern has been completed.

### 3.2 Activating/deactivating seam patterns

#### NOTICE

##### Property damage may occur!

The built-in clamp may become damaged, making it impossible to continue sewing.

ALWAYS check if the built-in clamp matches the seam pattern.

If a seam pattern cannot be selected, the lock may still be active (default setting for seam patterns 101 through 200).



To unlock the seam patterns:


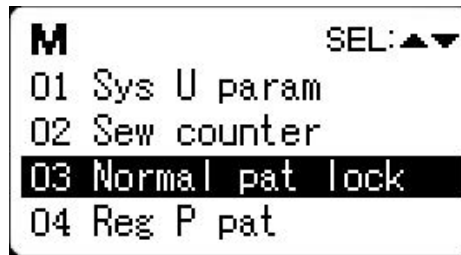
1. Press the  button.
  - ↳ The system menu appears:

Fig. 19: Activating/deactivating seam patterns (1)






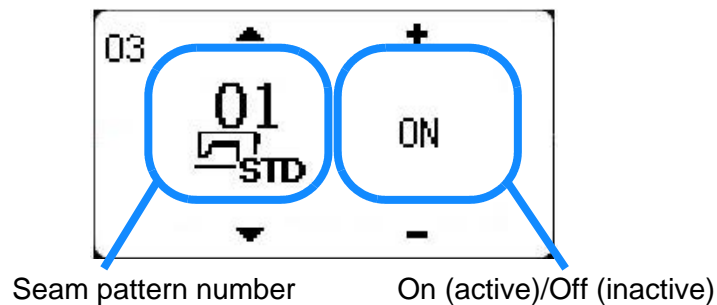






2. Use the arrow buttons   to select the 03 Normal pat lock menu item.
3. Press the  button to confirm.
- ↳ The display shows the submenu for activating/deactivating the seam patterns:

Fig. 20: Activating/deactivating seam patterns (2)









4. Use the   buttons to select the seam pattern number.
5. Use the   buttons to active or deactivate the seam program.
6. To save the settings, press the  button.
- ↳ The settings have been saved, and you have been returned to the system menu.
7. Press the  button again.
- ↳ The machine is ready to sew again.

### 3.3 Performing a manual test run

To check if the selected seam pattern matches the installed clamp, you can perform a manual test run.



To perform a manual test run:

1. Press the  button.
2. Use the  buttons to select the desired seam pattern.
3. Press the  button.
4. Press the  button.
- ↳ The machine enters the manual test run mode.
5. You can use the  buttons to check stitch by stitch if the seam pattern will cause collisions with the clamp.
6. Press the  button.
- ↳ The machine is ready to sew now.





DÜRKOPP ADLER GmbH  
Potsdamer Str. 190  
33719 Bielefeld  
Germany  
Phone: +49 (0) 521 925 00  
Email: [service@duerkopp-adler.com](mailto:service@duerkopp-adler.com)  
[www.duerkopp-adler.com](http://www.duerkopp-adler.com)