

## SB, Drive speed update BS 75 & BS 110, 2023-12

### SYMPTOM/DESCRIPTION

To prevent abnormal wear on the drive wheels, a new VFD (Variable Frequency Drive) software update has been released. In this new software, the drive speed has been reduced by 50% (previously 80Hz and now 40Hz). The reverse speed has remained at 80Hz (full speed).

### AFFECTED UNITS

**All variants of BS 75 and BS 110 (Blue & Orange) are affected.**

**970615104** (FLOOR SCRAPER BS 110 | 230 V | 1 ph | 50-60 Hz NEW COLOR | EU)

**970615006** (FLOOR SCRAPER BS 75 | 230V | NEW COLOR | EU)

The new VFD software is implemented on all new units from Serial number:

BS 75: **2023462000023** and up.

BS 110: **2023441000045** and up.

### CORRECTIVE ACTION

Uploading new software into the VFD.

### PROCEDURE

Schneider Multi Loader software uploading, **Refer to Appendix A.**

Manually updating the parameter settings, **Refer to Appendix B.**

### PARTS INFORMATION

Update the products during the next service if part caused a problem in any way. – **Yes**

### WARRANTY INFORMATION

Normal warranty policy applies.

## Appendix A

### Schneider Multi Loader software uploading device.

#### Step 1.

**Recommended software uploading device is needed for Schneider VFDs.**

*\*Included SD card of 8 GB memory.*

*\*No software installation is required.*

Hva ID: **546960301**  
Schneider ID: **VW3A8121**  
(SOFTWARE SYSTEM Multi loader  
Power on & Power off Multi loader)



#### Step 2.

Download the correct version (V2) VFD software for both 110V and 230V below:

[BS-75 BS110 VFD software V2 reducing the drive speed](#)

#### Step 3.

Follow the step-by-step instructions in the how-to video below:

[Uploading software to Schneider Altivar 12 VFD.mp4](#)

## Appendix B

### Manually updating the parameter settings on the Schneider VFD.

```
1  Settings on Schneider VFD:
2
3  Plug power cable to the socket.
4
5  RDY is shown on the VFD display.
6  -->Enter
7  CONF
8  -->Enter
9  HSP
10 -->Enter
11 Scroll till 80.0Hz
12 -->Enter
13 -->ESC
14 -->ESC
15 -->Enter
16 CONF
17 -->Enter
18 FULL
19 -->Enter
20 FUN
21 -->Enter
22 SPL
23 -->Enter
24 SH2
25 -->Enter
26 Change 'NO' to 'L2H'
27 -->Enter
28 -->ESC
29 HSPS
30 -->Enter
31 Change '50Hz' to '40Hz'
32 -->Enter
33 -->ESC till RDY
34
35 Done.
```

#### Revision History

Rev.	Date	Order id.	Description
A	2023-12	00037613	Created

