

SB, Empty and Programmed VFDs Concrete shot blasters, 2023-12

SYMPTOM/DESCRIPTION

The long lead time and lack of knowledge on how to program the VFD (Variable Frequency Drive).

AFFECTED UNITS

All Concrete shot-blasters.

CORRECTIVE ACTION

To further support the Aftermarket and the product support for Shot blasting products, two different options to order the VFDs as a spare part are introduced.

Option 1

Unprogrammed VFDs:

- Are always kept in stock in the warehouse. Shorter lead time due to these VFDs being carry-over parts for many products.
- The part number for an unprogrammed VFD will be distinguished by the last digit, ending with 01, e.g. 546961901.
- Unprogrammed VFD (for Lenze inverters) requires an additional programming device, PN 546992701, Software system USB Module for Lenze inverter (i510 & i550).
- Requires installing Lenze software on your computer – Easy Navigator EasyStarter V1.24. **(Free download)**

The VFD program/software will be received from the techsupport.cp@husqvarna.se team by providing the following information:

Product model name:	
Serial number:	
In case the product consists of two VFDs, please mention which VFD requires programming*:	
PJ number**:	

* Possibly provide a picture.

** PJ number is located on a small sticker inside the electrical cabinet, see figure 1.

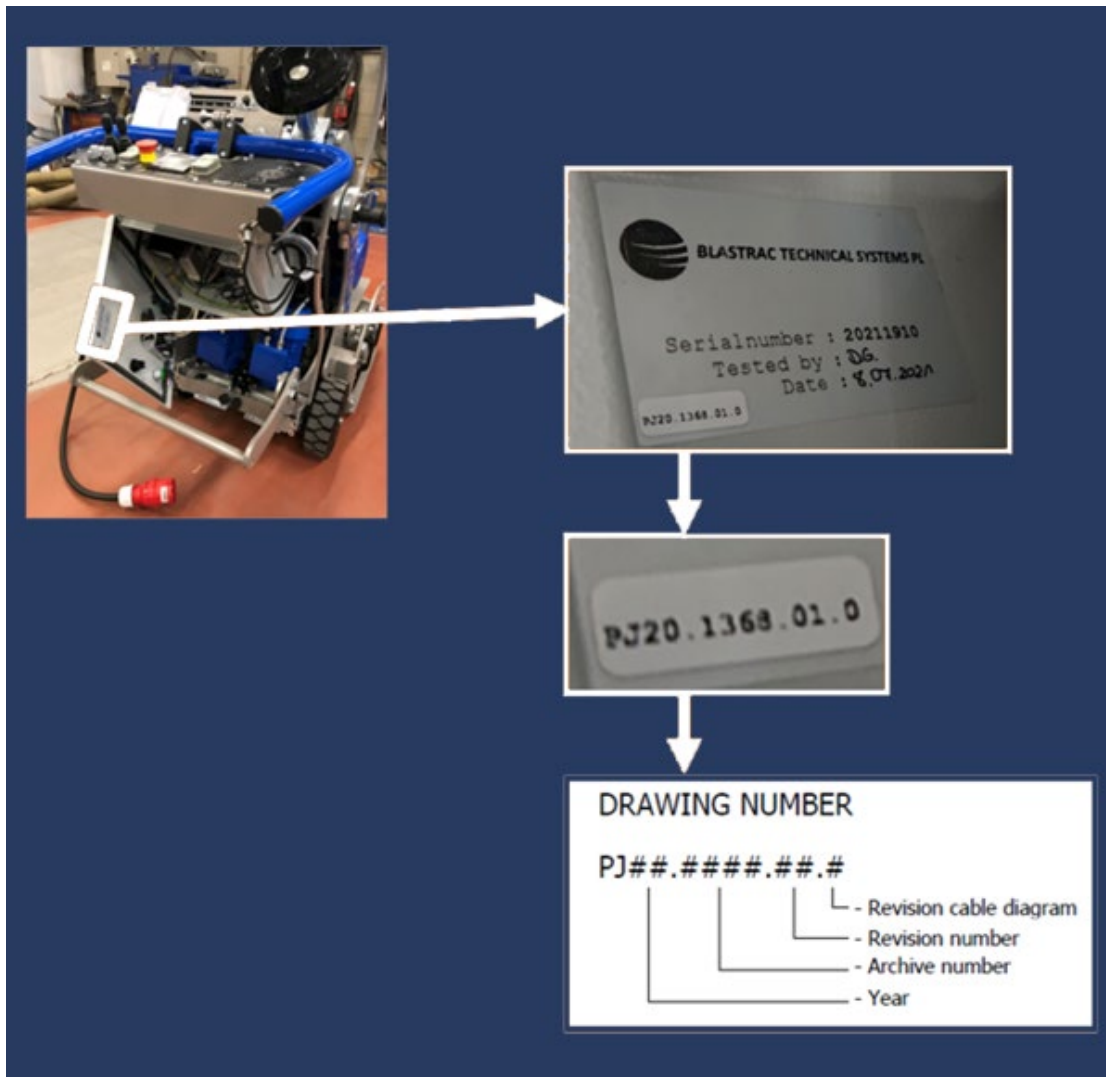


Fig. 1: Location of PJ-number sticker.

Option 2

Programmed VFDs:

- Will not be kept in stock due to the large number of software variants for the VFDs.
- Will be programmed upon order, which leads to a **longer lead time**.
- The correct Part numbers for the programmed VFDs are mentioned in *Appendix A* below.

PROCEDURE

Refer to *Appendix A* and follow the link for [How to upload software program Lenze VFD.mp4](#)

WARRANTY INFORMATION

Normal warranty policy applies.

For option 1, the recommended software device is needed:

Lenze **i510 & i550** software uploading device, see figure 2.



Fig. 2: Lenze i510 & i550 software uploading device.

Additional general information about VFDs:

Active VFD models for sale:

ACS255-01U-05A8-1+B068



i510 & i550



Eliminated / in elmination VFDs from supplier. These are going to be eliminated and replaced:

E82EV551K2C200



V1000 VZAB4P0BAA



ESMD371L4TXA



Appendix A

1-8DM

Market	Empty VFD (Blast motor)	Programmed VFD (Blast motor)
110V (US)	535652601	535652602
230V (US)	535652701	535652702



1-8DPS30

Blast motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
220V (US)	PJ11.01067.12 (1-12 and up)	533768001	533768002

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
220V (US)	PJ11.01067.12 (1-12)	533543401	533543402
220V (US)	PJ11.01067.13 (and up)	546446601	546446602

Drive motor VFD

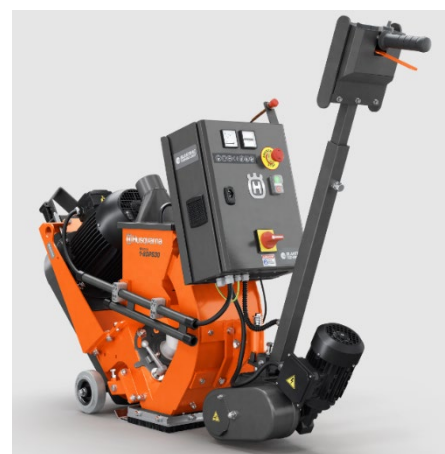
Market	PJ Number	Empty VFD	Programmed VFD
400V (EU)	PJ09.1023.07	533961401	533961402
400V (EU)	PJ19.1305.05	546961901	546961904
400V (EU)	PJ23.1445.02	546961901	546961904
400V (EU)	PJ23.1445.05	546961901	546961904

Blast motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
230V (EU)	PJ23.1463.03 (and up)	533768001	533768002

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
230V (EU)	PJ23.1463.03 (and up)	546446601	546446602



1-8DPF40

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
400V	PJ10.01047.12	533961401	533961402
400V	PJ19.1307.05 (and up)	546961901	546961903

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
230V	PJ18.1280.04	547017428	547421201

Blast motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
230V	PJ18.1280.04	533768001	533768003



1-8DPS55

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
400V (EU)	PJ09.1025.08	533961401	533961402
400V (EU)	PJ19.1304.04 (and up)	546961901	546961902



1-10DPS75

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
240V (US)	PJ11.01066.13 (13...)	533996101	533996102
240V (US)	PJ23.1458.02	533996101	533996102
240V (US)	PJ23.1458.04	533996101	533996102

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
400V (EU)	PJ10.1042.06	533961401	533961402
400V (EU)	PJ19.1306.04 (and up)	546961901	546961902



1-10DS

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
400V (EU)	PJ04.02477T1O	533486701	533486703
400V (EU)	PJ19.1309.05	534432101	534432103
400V (EU)	PJ20.1364.01	534432101	534432103
400V (EU)	PJ20.1364.03	534432101	534432102
400V (EU)	PJ22.1419.01	536688801	536688802
400V (EU)	PJ23.1448.04 (and up)	536688801	536688802



1-10DSG1

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
400V (US)	PJ11.01064.17 (1-19)	533515901	533515902
400V (US)	PJ11.1064.20	538961401	538961402
400V (US)	PJ11.1064.21	538961401	538961403
400V (US)	PJ23.1455.04 (and up)	546042901	546042902
230V	PJ13.1131.06	533515901	533515902
230V	PJ19.1319.01	547178201	547178202
230V	PJ20.1365.03	547178201	547178202
230V	PJ22.1422.00	546042901	546042902



1-15DS

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
400V (EU)	PJ09.1012.11	533566801	533566802
400V (EU)	PJ19.1298.05	547010901	547010904
400V (EU)	PJ20.1366.01	547010901	547010904
400V (EU)	PJ20.1366.01	547010901	547010902
400V (EU)	PJ22.1418.01	536978601	536978602
400V (EU)	PJ23.1452.03 (and up)	536978601	536978602



1-15DSG1

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
400V (US)	PJ11.1065.14	534057501	534057502
400V (US)	PJ11.1065.06	538674001	538674003
400V (US)	PJ11.1065.06	538674001	538674002
400V (US)	PJ23.1459.01 (and up)	546043101	546043102



2-20DT

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
400V (EU)	E00652 rev. 13	533566801	533566802
400V (EU)	PJ19.1297.03	547010901	547010903
400V (EU)	PJ20.1367.02	547010901	547010903
400V (EU)	PJ20.1367.02	547010901	547010902
400V (EU)	PJ22.1417.03	536978601	536978602
400V (EU)	PJ23.1453.03 (and up)	536978601	536978602



2-20DT

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
230V	PJ12.1112.07	547181901	547181902
230V	PJ19.1318.04	547180201	547180202
230V	PJ22.1421.02	546043201	546043202



2-30DS

Drive motor VFD

Market	PJ Number	Empty VFD	Programmed VFD
480V (US)	PJ11.1098.06	533566801	533566802
480V (US)	PJ19.1341.02	547010901	547010903
400V (US)	PJ20.1369.03	547010901	547010903
400V (US)	PJ20.1369.03	547010901	547010902
400V (US)	PJ22.1432.00	536978601	536978602
400V (US)	PJ23.1457.02 (and up)	536978601	536978602



Revision History

Rev.	Date	Order id.	Description
A	2023-12	00036988	Created
B	2025-08	00194186	Item numbers updated.