

DriveBooster™ 50Hz

Run a 400V three-phase motor on 230V single phase.

400V VFD or VSD drives run on 400V three-phase.

DC alone can power newer VFDs. They have a DC bus terminal.

This DriveBooster™ here produces the right DC such a drive requires.

Electrician:

A simple machine with a single motor and without controls can be used without changes.
You may have to modify or remove the control circuitry in a more complicated machine.

Install a switched industrial wall outlet, see amp requirements below.

Install the DriveBooster™ and the VFD next to the outlet and interconnect both.

Connect the VFD's 400V three-phase output directly to the motor of a machine.

User:

Start-stop and control the speed and direction of the motor using the VFD.

Recommendations:

If you don't want to modify a machine or you want to run several machines or there are multiple motors in one machine or you want to run an inverter or machines with inverters:

Use a standard single to three-phase Booster converter.

DriveBooster™ 5: Input 230V 17A

For a motor up to 5hp = 4kW.

250mm x 150mm x 135mm

DriveBooster™ 10: Input 230V 35A

For a motor up to 10hp = 7.5kW.

250mm x 200mm x 200mm

DriveBooster™ 15: Input 230V 50A

For a motor up to 15hp = 11kW.

250mm x 200mm x 200mm

Ambient temperature: - 20C to + 40C.

IP 20 for indoor use.

