



Single to three-phase converter Booster™ T

The Booster T converts single-phase to three-phase power.

The standard single phase input voltage is 230V/240V.
Boosters 8kW and above can be supplied for 460V/480V.
All versions can run on 400V/415V two-phase as well.

The output voltage is 3x 400V/415V pure sine wave.

A Booster senses when motors in machines start.
300% boost currents accelerate them instantly.

The rigid digital power electronics is made for longevity.
Bearings in the generator motor are free of service for life.
Soft motor mounts and low air flow keeps noise levels low.

Output voltages are balanced for CNC, inverters and motors.
The duty cycle is 100% for 24/7 continuous maximum output.

A Booster T can safely power several three-phase applications simultaneously such as CNC machines, inverters, welders, VSDs and hard working machines.

The Booster T is rugged, reliable and efficient. Long life expectancy is guaranteed.

An electrician connects it like a transformer. Installation instructions explain the switched wall outlet required and the motor rated fuse in the house fuse box.
Please talk to us first should you want to connect a machine with internal heaters.

The version Booster T is available in throughput ratings of 4, 6, 8, 16, 32 and 40kW.
Up to 8kW are single units, larger versions are multiple units of 8kW each.
Vertical stacks are available on request.

A Booster T is ideal for applications such as

Woodworking:

Saw, spindle moulder, planer, thicknesser, belt sander, band saw, CNC machine, four-sider, tenoner, mortiser, combination machine, wood turning lathe, sander, router, borer, edgebander, dust extractor.

Metal working:

Lathe, CNC machine, drill, folder, bender, milling machine, grinder, saw, polisher, shaper, punch, shear, hydraulic folder, guillotine, press, welder, post lift, hoist, pump, compressor, plasma cutter.
A Booster™ T8 can power a welder up to 300A output, a Booster™ T16 up to 600A.

Farming industry:

Irrigation systems, submersible- or surface pumps, chillers, air conditioning, compressor, refrigeration, effluent pumps, conveyor, crane, hoist, wine press, grain mill.

Booster converter dimensions are w410 x l790 x h370 mm. Weight is 90kg and more.

