



Single to three-phase converter **Booster™ T**

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

Single phase input voltage is 230V single-, 400V two-phase- or 460V split-phase.
The output voltage is 400V three-phase, pure sine wave.

A Booster senses starting motors.
It produces boost currents to accelerate starting motors.
The duty cycle is 100% for 24/7 use.

The rigid and digital SCR controller guarantees a long life.

The bearings in the internal generator motor are service free.
Soft motor mounts and reduced air flow keep noise levels low.

Advanced power electronics with digitally controlled thyristors offer a practically unlimited life expectancy.

Boosters ride through blackouts, brownouts, power surges, fast transients, momentary short-circuits and line disturbances.

Three-phase voltages are balanced for CNC, the duty cycle is 100% for 24/7 use.
It can safely power many three-phase applications such as CNC machines, inverters, welders, plasma cutters, variable frequency drives, VSDs and all hard working machines with motors.

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

There are terminal connector blocks for input and output.
No switch, no fuse inside a Booster converter: connect it as a transformer.
Installation instructions for electricians explain the switched wall outlet needed and the fuse in the house distribution box.

The version Booster T is available in sizes 4, 8, 12, 16, 32 and 40kW.
4kW-12kW is supplied as one unit, larger converters come as multiple units of 8kW each.

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, edge bander, dust extractor.

Metalworking

Lathe, CNC machine, drill, folder, 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™ T12 up to 450A.

Farming

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

The free part replacement warranty is two years, five years on the electronics block.

