



Single to 3-Phase Drive

Features:

- The Sukup Single to 3-Phase Drive converts single-phase incoming power to 3-phase to run a single 3-phase motor.
- Sukup continuous flow dryers can be purchased with the Single to 3-Phase Drive installed, making larger dryers delivered from the factory equipped to run on single phase.
- Can be used independently on a fan, air system or any other electric application requiring higher horsepower motors on single-phase power.
- Unit acts as a soft start by limiting current draw on motor start up.
- Frequency drive gives the possibility of variable speed control and clean 3-phase power with no wild leg.
- The standard line reactor lessens harmonics in the outgoing 3-phase power which reduces motor operating temperature while extending motor life.
- The unit includes Variable Frequency Drive (VFD) and Line Reactor.
- Available in 20, 30, 40, or 50 HP. Phase power is determined by motor size (see chart below).



Single to 3-Phase Drive Specifications

Motor Size	Up to 20 HP	Up to 30 HP	Up to 40 HP	Up to 50 HP
Incoming Single Phase-Amps	Up to 100A	Up to 140A	Up to 200A	Up to 270A
Incoming Single-Phase Volts	230V	230V	230V	230V
Outgoing Three-Phase Amps	Up to 65A	Up to 95A	Up to 130A	Up to 160A
Outgoing Three-Phase Volts	230V	230V	230V	230V
Max Power Output	15kW	22kW	30kW	37kW



Sukup Manufacturing Co. ■ www.sukup.com

Box 677 ■ 1555 255th Street ■ Sheffield, Iowa 50475-0677 ■ **ph** 641.892.4222 ■ **fx** 641.892.4629 ■ info@sukup.com

Distribution Centers

Cameron, MO 64429
7426 NE 352nd St.
ph 816.649.2226
missouri@sukup.com

Arcola, IL 61910
980 E. State Rte. 133
ph 217.268.3026
illinois@sukup.com

Aurora, NE 68818
1705 Hwy. 34 E.
ph 402.694.5922
nebraska@sukup.com

Defiance, OH 43512
7724 Rte. 66 N.
ph 419.784.9871
ohio@sukup.com

Jonesboro, AR 72403
204 Best Industrial Dr.
ph 870.932.7547
arkansas@sukup.com

Watertown, SD 57201
2701 Piper Ave.
ph 605.882.6697
southdakota@sukup.com