The 1100 provides energy-efficient manual speed control of rural and agricultural machinery. The drive allows the user to vary the speed of an electric motor to produce the desired machine output.

**Where Used**
- With electric-motor-driven grain dryer fans, grain elevator legs, grain augers, grain and gravel conveyors, oil jack pumps, and workshop machine tools.

**What is Needed**
- 1100 Flux Vector AC Drive
- Hand-operated start/stop station with manual variable-speed potentiometer

**Features & Benefits**
- Precision control of the speed of an electric-motor-driven machine
- Hand-operated potentiometer allows the user to adjust the speed of the machine to give the exact output desired
- Exact torque control
- Energy savings when not operating at full speed
- Soft start and stop eliminates inrush current and reduces machine stress
- Protects the motor from overcurrent, overvoltage, and undervoltage
Whenever there is a need to control the speed of an electric motor in your farm or rural application, the UNICO 1100 Flux Vector AC Drive should be your first choice.

**Applications**

**Pumps and Pump Systems**
- Submersible pumps
- Centrifugal pumps
- Turbine pumps
- Vertical hollow-shaft pumps
- Municipal water booster stations
- Municipal sewage lift stations
- Farm irrigation systems
- Golf course irrigation systems
- Greenhouse irrigation systems
- City park irrigation systems
- Horticultural irrigation systems
- Tailwater recovery systems
- Agricultural manure pumps
- Dairy vacuum pumps

**Material Handling**
- Grain elevator legs
- Grain augers
- Grain and gravel conveyors
- Grain vacuum and pneumatic grain conveyors
- Silo unloaders

**Fans**
- Grain dryer fans
- Grain bin ventilation fans
- Confinement building ventilation fans
- HVAC fans

**Compressors**
- Natural gas compressors
- Air compressors
- Air conditioning compressors

**Other**
- Pond and lake aerators
- Workshop lathes, grinding wheels, and drill presses
- Electric-motor-driven hydraulic systems
- Animal feed extruders

**UNICO — Worldwide**

Unico, LLC
3725 Nicholson Rd.
P. O. Box 0505
Franksville, WI 53126-0505
262.886.5678
262.504.7396 fax
www.unicous.com

Unico is a leading global innovator of motion-control solutions for industry. Founded in 1967, the company develops, manufactures, and services variable-speed drives, application-engineered drive products, integrated drive systems, and ancillary products that improve operations by increasing productivity, safety, and equipment life while lowering energy and maintenance costs.