



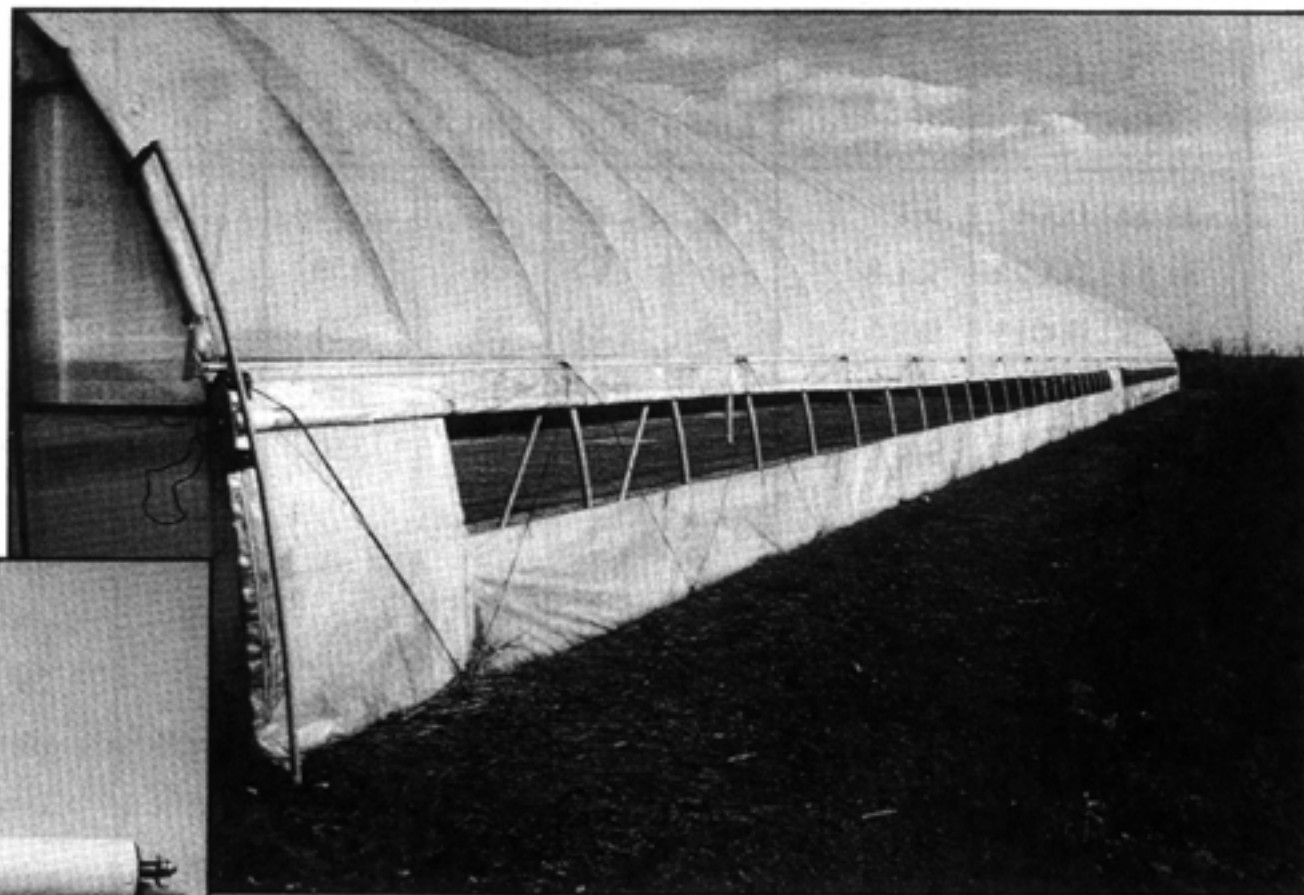
**elero**

**ELERO USA, INC.**

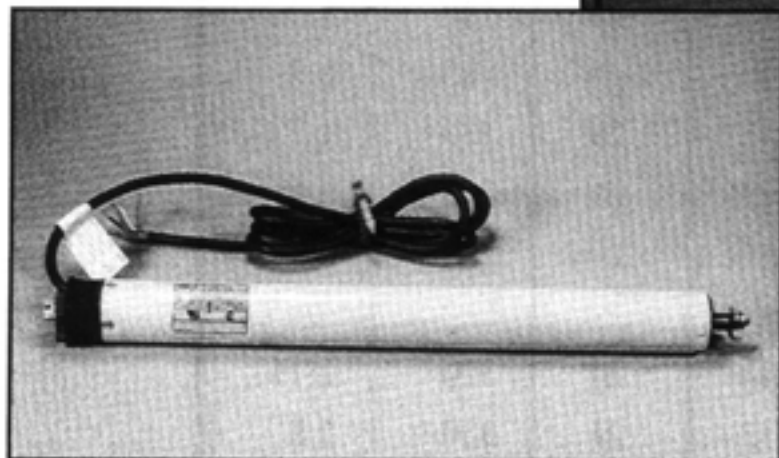
INNOVATORS OF TUBULAR &  
LIFT-TILT MOTORS/CONTROLS

## *ELERO MOTORS FOR GREENHOUSE APPLICATIONS*

### **Greenhouses**

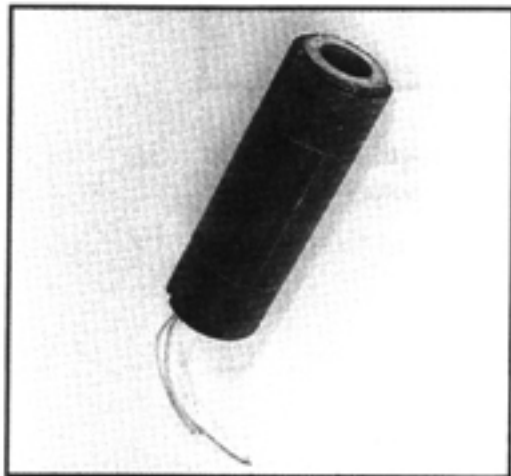


*Photo courtesy of Great Lakes Horticultural Supply Inc., Swanton, OH*



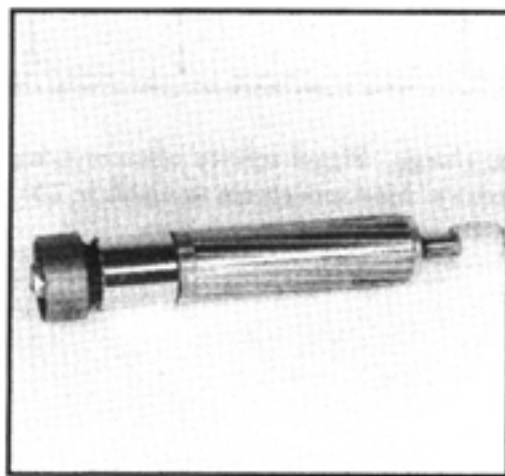
Motorized greenhouses are the ideal way to provide a temperature controlled environment for ideal growing conditions. Elero tubular motors combined with timers, temperature controlled sensors and computers, ensure automatic greenhouse ventilation that is accurate and dependable. The time consuming chore of manually rolling up of the tarp flaps is a thing of the past. Elero motors are available in 2-inch sizes up to 350 inch pounds torque and 2-1/2-inch sizes up to 700 inch pounds to operate even the largest greenhouse applications.

### **UNIQUE FEATURES**



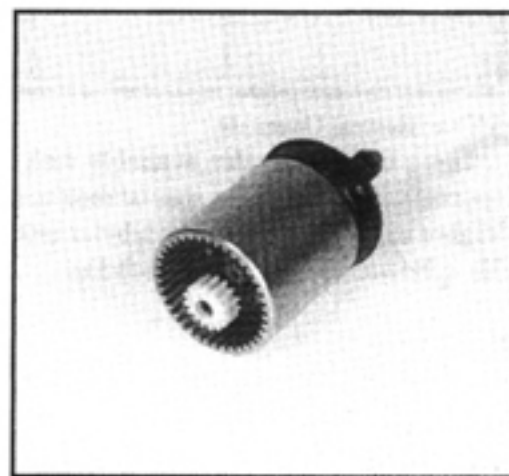
#### **Protective Coils**

This unique coil protection design is a patented Elero feature. Motor coils are fully encapsulated in a fire resistant protective resin. In addition to this extra safety feature, the resin provides excellent moisture protection, as well as shock resistance. The result is longer lifetime and more reliability.



#### **Conical Brake Shoes**

Special features include brake shoes with conical brake surface. This ensures a proportionally large braking surface in comparison to flat discs. It also improves contact pressure for secure holding under heavy load and is self-adjusting as a prevention against brake efficiency reduction.



#### **Triple Planetary Gearing**

The planetary gearing systems are a high precision product from the vertically integrated Elero in-house production facilities. In-house production ensures the highest degree of quality control and provides great flexibility in meeting the ever-changing market demands with newer and better products.

# TECHNICAL SPECIFICATIONS

Part Number	Type	Motor OD		Torque		RPM	Turns	Power	
		MM	IN.	NM *1	IN. LB.			Watts	Amps
31.531.0001*	9/1	46	1.81	10	88	16	21/35*	180	1.7
31.511.0002*	9/1.8	46	1.81	18	159	16	21/35*	180	1.7
31.521.0001*	9/2.5	46	1.81	25	221	12	21/35*	180	1.7
31.232.0001*	9/3.3	46	1.81	33	289	12	21/35*	240	2
31.242.0001*	9/4	46	1.81	40	350	12	21/35*	240	2
31.031.0002	9/1 MO	46	1.81	10	88	16	29	180	1.7
31.041.0002	9/1.8 MO	46	1.81	18	159	16	29	180	1.7
31.051.0002	9/2.5 MO	46	1.81	25	221	12	29	180	1.7
31.272.0001	9/3.3 MO	46	1.81	33	289	12	29	240	2
31.282.0001	9/4 MO	46	1.81	40	350	12	29	240	2
31.231.0001	11/4	59	2.32	40	350	18	21	320	2.75
31.241.0001	11/6	59	2.32	60	525	13	21	330	2.8
31.251.0002	11/8/14	59	2.32	80	700	14	21	350	3.4
31.721.0001	11/10/10	59	2.32	100	885	10	21	320	3.5
31.831.0001	11/4 MO	59	2.32	40	350	18	29	320	2.75
31.841.0001	11/6 MO	59	2.32	60	525	13	29	330	2.8
31.851.0001	11/8 MO	59	2.32	80	700	14	29	350	3.4

MO = Manual Override

\* These motors are also available with 35 turns at a surcharge. Please specify when ordering. Electrical cord length on motors is approximately 6 feet, for special requirements contact factory. Most models are available in 220 Volt, 50 Hz, contact factory for details. Higher capacity, heavy duty tubular motors in 220 Volt are available, contact factory.

\*1. 1 Newton Meter = 8.75 inch lbs.

For More Information  
Call 1-800-752-8677 for details



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