



## DuraDrive Curtain and Vent Machines

Every DuraDrive delivers maximum power, minimal maintenance and unmatched durability for ultimate control of your ventilation program.



*"The value of the DuraDrive comes in the reliability of it, and the nylon belt that gives you trouble free service."*

*Jake Peaster, Triple P Ranch*

# Worry-Free Ventilation Control

After decades of controlling house curtains and vents with heavy, labor intensive screw jack machines, Diversified has revolutionized ventilation management with our family of long-life, low-maintenance DuraDrive machines. The Standard and G3 DuraDrive models open and close curtains and vents with precision for optimized control during every ventilation cycle.



MOST POWERFUL CURTAIN/  
VENT MACHINE ON THE MARKET  
(standard model)

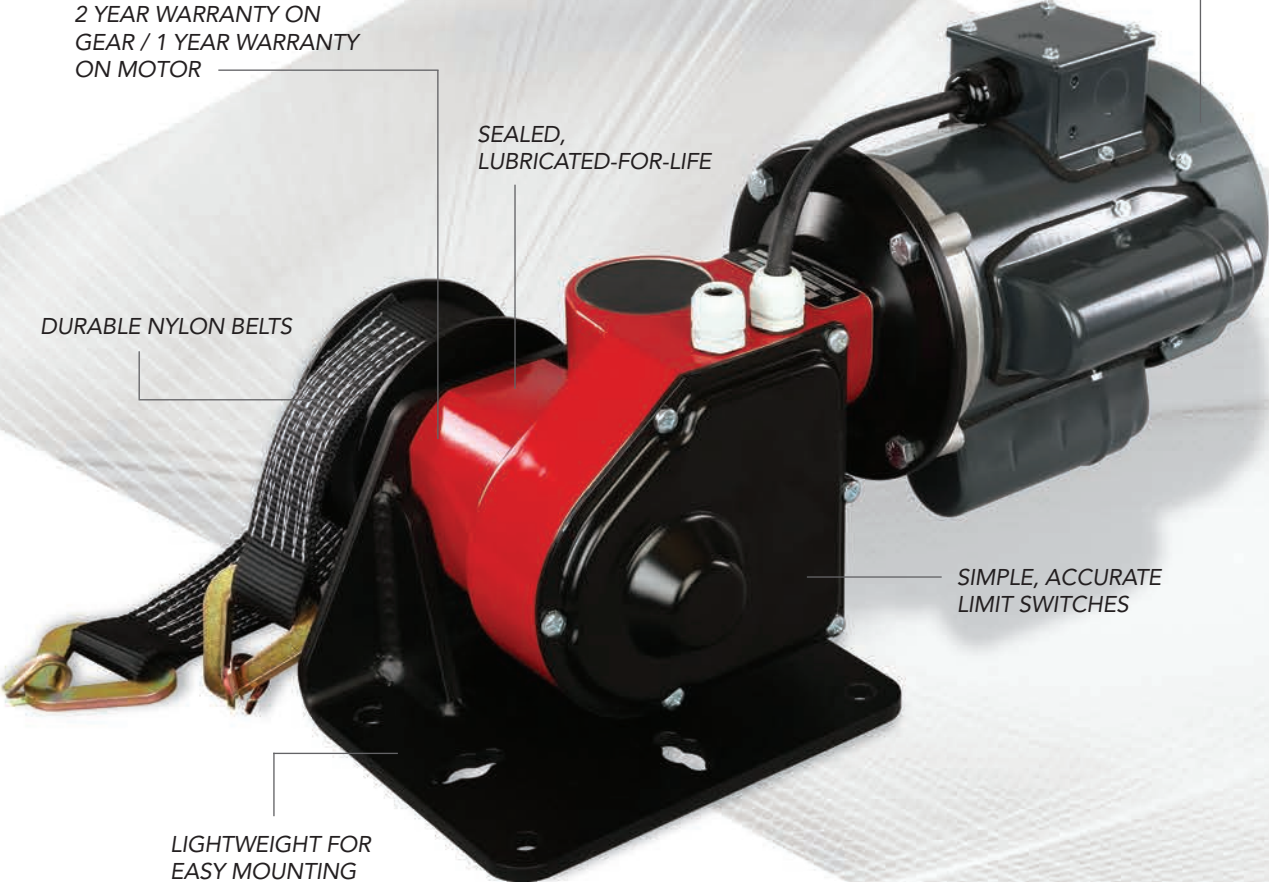
2 YEAR WARRANTY ON  
GEAR / 1 YEAR WARRANTY  
ON MOTOR

SEALED,  
LUBRICATED-FOR-LIFE

DURABLE NYLON BELTS


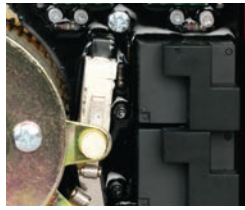




SIMPLE, ACCURATE  
LIMIT SWITCHES

LIGHTWEIGHT FOR  
EASY MOUNTING



## DURADRIVE FEATURES

## BENEFITS

	Is totally sealed and lubricated for life	No regular maintenance required
	Heavy duty design and construction	Withstands harsh conditions
	Durable nylon belts	Long life span, withstands animal housing and outdoor conditions
	To set limit switches, simply loosen four screws and slide smooth adjustment pins on friction plates	Quick and easy set-up, high level of accuracy
	G3 model comes potentiometer ready for optional kit, standard model can be ordered with potentiometer	Easy set up for controllers that require potentiometer feedback
	Can be mounted in any direction, on wall or ceiling, with belts on top, bottom or side	Versatile design, fits in any house
	Internal manual open/close switches: no extra power lead required. When on manual, LED light illuminates the moment the limit switch is tripped.	Enables single-person installation and limit switch set-up, saving time and money
	Internal safety switch	Prevents overriding of the limit switches to avoid costly errors
	All circuitry, switches and relays are incorporated onto one printed circuit board which is coated and sealed	PCB delivers simplicity and maximum reliability
	Dual shaft configuration available	Ideal for reliable curtain rollups and other applications

## TECHNICAL SPECIFICATIONS

	Standard	G3 250	G3 150
<b>Torque</b>	450 Nm	250 Nm	150 Nm
<b>Gear Ratio</b>	800:1	750:1	1500:1 or 3000:1
<b>Shaft RPM</b>	2.1 RPM	2.2 RPM	1.1 RPM or .55 RPM
<b>Belt Speed (average)</b>	24 in/min	24 in/min	12 in/min or 6 in/min
<b>Power</b>	5,000 ft lbs/min	2,500 ft lbs/min	1,250 ft lbs/min
<b>Pulls</b>	2,500 lbs @ 2 ft/min	1,250 lbs @2 ft/min	1,250 lbs @ 12 in/min or 2,500 lbs @ 6 in/min
<b>Motor</b>	<b>1/3 HP</b> 115 volt single phase 230 volt single phase 60/50 Hz 230/460 volt 3 phase 60/50 Hz	<b>1/4 HP</b> 115 volt single phase 230 volt single phase 60/50 Hz 230 volt 3 phase 60/50 Hz	<b>1/4 HP</b> 115 volt single phase 230 volt single phase 60/50 Hz 230 volt 3 phase 60/50 Hz

## APPLICATION SPECIFICATIONS

	Standard	G3 250	G3 150
<b>Lifts Curtains (cabled 1:1)</b>	500 ft long	250 ft long	250 ft long
<b>Inlet Vents</b>	100 (cabled 2:1 to slow)	50 (cabled 2:1 to slow)	50 (cabled 1:1)
<b>Tunnel Doors (cabled 1:1)</b>	240 ft long	120 ft long	not recommended



*"Low maintenance is the big thing, plus the durability and strength of the machine. The DuraDrive outperforms a screw machine hands down. It has considerably much more power. And installation is so much easier because it's so much lighter."*

Curt Dietz, Ag Depot

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