



# Kennedy Power Machine Doors

utilizing the

***KenneDyne***

all electric drive system

Jack  
Kennedy  
Metal  
Products  
&  
Buildings,  
Inc.



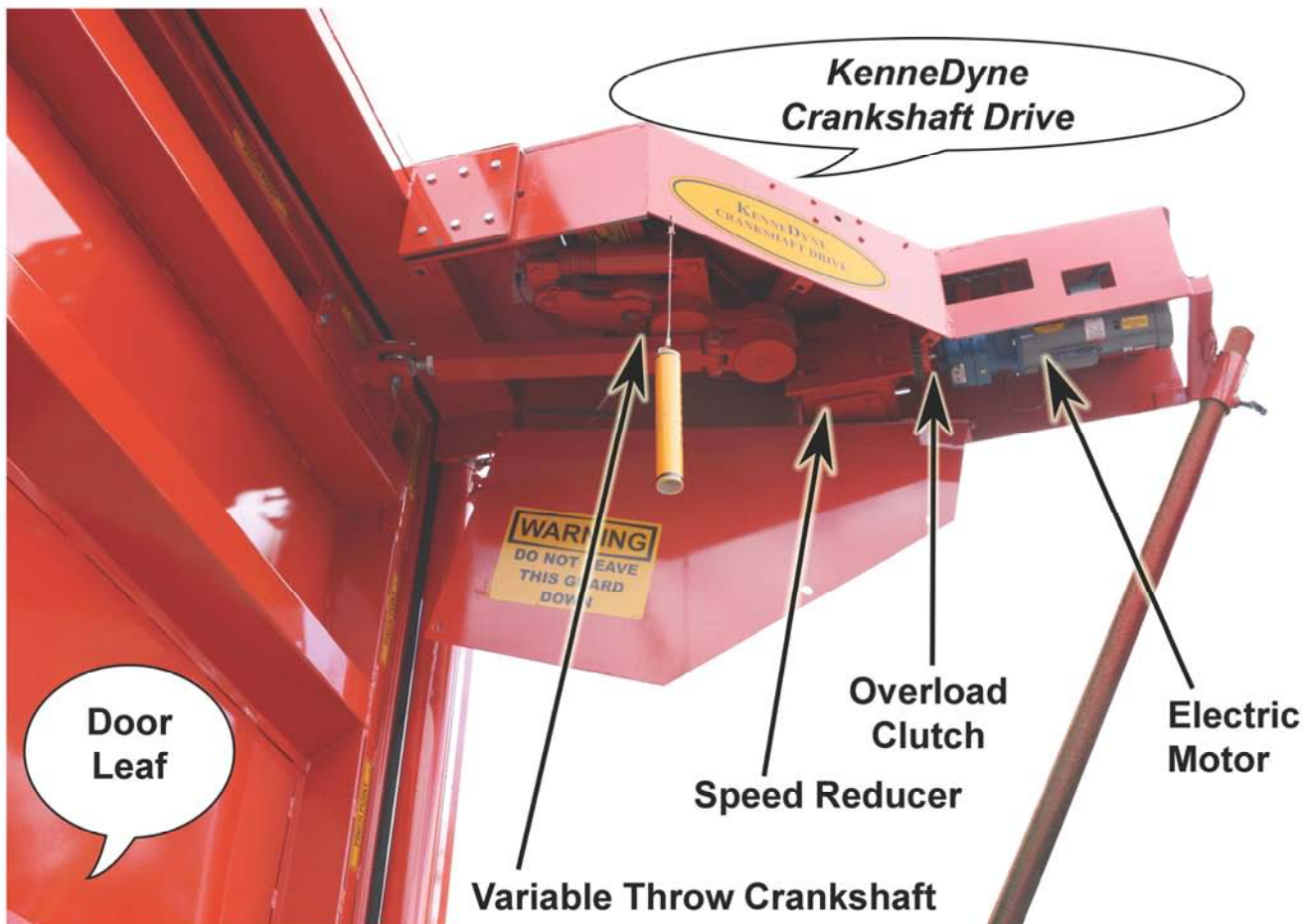
Part of the  
Good Air  
Solution

# KenneDyne Electric Drive System



**What is a KenneDyne drive and what advantages does it have?**

- **An all electric mine door operator that eliminates maintenance headaches associated with hydraulic and pneumatic systems.**
- **A high torque device capable of opening even very large mine doors against 20 IWG or more using the Kennedy variable throw crankshaft mechanism.**
- **Simple! Easy to maintain with only four major components.**
- **Faster operation with typical cycle times of about 7 seconds without jarring the stopping due to the infinitely smooth crankshaft motion.**



**The Kennedy variable throw crankshaft automatically shifts from high speed / low torque mode to high torque / low speed mode in order to overcome the air load, and then back, without costing cycle time.**



# Part of the Good Air Solution...

**Any size...  
Any pressure...  
No Problem...**



**24'x24'**

**16'x12'**



**7'x7'**



**All units utilize Allen-Bradley PLC's and all external control wiring terminated with keyed circular connectors for quick installation.**

**Many control options available including:**

- **Door Status Monitor with touchscreen & diagnostic help**
- **UPS Battery Backup**
- **Ethernet Communication**





## **Jack Kennedy Metal Products & Buildings, Inc.**

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### **For the best ventilation use the complete Kennedy system... stoppings, doors & overcasts**

- Steel Stoppings
- NZL (near zero leak) Stoppings
- Overcasts & Undercasts
- Overcast Stairs & Ramps
- Over 200 Models of Man Doors
- Concussion Relief Doors
- Electrical Enclosures
- Refuge Chambers
- Regulators
- Automatic Regulating Systems
- Rescuer Boxes
- Belt Crossings
- Conveyor Box Checks
- Roof Brackets

#### **PATENT INFORMATION**

These products are covered by or for use under one or more United States or Foreign Patents, granted or pending:

6425820, 773162, 2570061, 6938372B2, 2004202818, 6594954B1, 2002330520, 2415531, 6955594B2, 2472545, 2004202803, 7665930B2, 2008201155, 8800204, 2011200519, 9341061B2, 2957916, 2731472,

**The product(s) shown herein are intended for controlling ventilating air in an underground mine and/or maintaining escape routes. As such, they are critical in nature and must be installed and maintained properly, according to the manufacturer's guidelines, MSHA regulations, & your company ventilation plan. Failure to do so could result in injury and/or death.**

**See [www.kennedymetal.com](http://www.kennedymetal.com) for more information or contact the factory.**

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