

# Dyna-Stop II

## High performance DC Injection Brake for rapid controlled stopping of AC induction motors

### **Zero speed shutoff**

Electronically monitors motor rotation and applies current to the motor until it stops completely ... regardless of motor load !

### **Mounts Anywhere**

No mechanical shafts to connect

### **Perfect for fast cycling operations**

Eliminates practically all wear on keys and splines because there is no mechanical shock

### **Fast and easy**

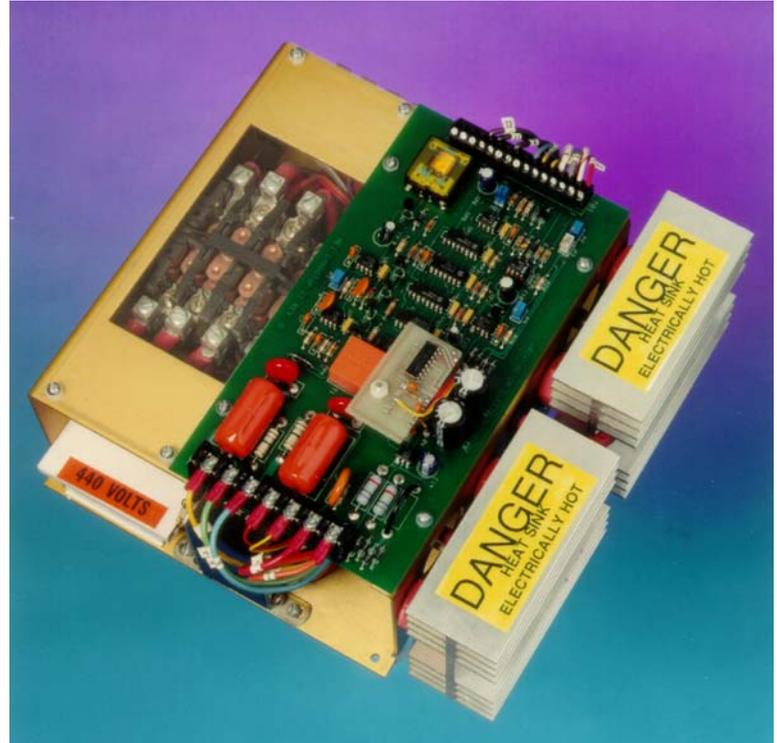
Simple 7 wire connection

### **Reduces Maintenance**

Can replace mechanical brakes in some applications and compliment them in others.

### **Works on virtually any AC motor**

Increase production and safety  
reduce maintenance



***DYNA STOP II Electronic A.C. Motor brake has an Electronic Zero Speed Function that monitors Rotor rotation and applies D.C. current until the motor has stopped... regardless of load.***

Its solid state circuitry assures complete reliability and there are no power consuming and heat generating transformers or capacitor banks.

**DYNA STOP II** can be mounted anywhere because there are no mechanical shafts to connect or equipment modifications required. Installation is fast and easy. There are only 7 wires used to make connections to the power line, motor and starting contactor coil.

**DYNA STOP II** is the perfect motor brake for fast cycling operations. Its smooth torque engagement practically eliminates all wear on key ways and splines and fast braking means there's no waiting for equipment to stop... and that means increased safety and greater productivity.

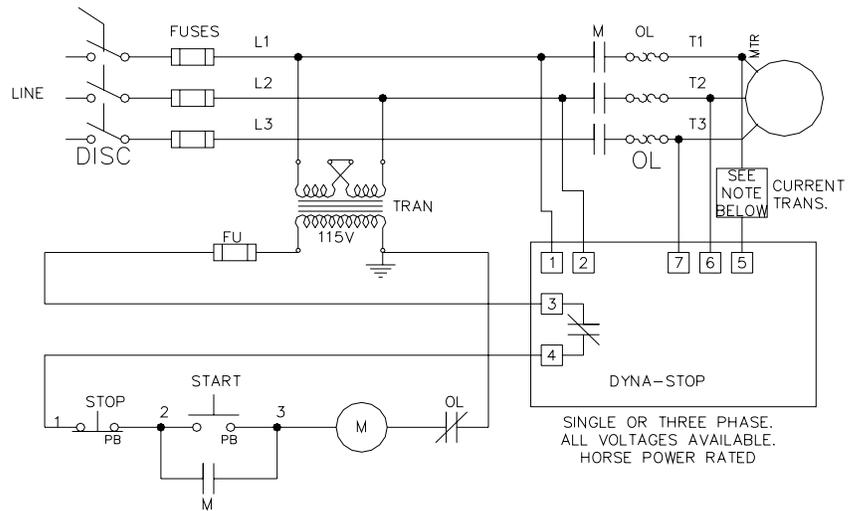
## **DYNA-STOP II FEATURES**

- Adjustable stopping torque.
- Easy to retrofit.
- Timer or zero speed mode operation.
- Soft starting of dc to protect scr life.
- Improved motor starter interlock.
- Oversized scr's.
- Pulse train hard fired scr gate insure scr turn on.

## **BENEFITS**

- Completely automatic
- Adjustable stopping time (Torque)
- Easy To install
- Mounts anywhere no mechanical modifications to machinery
- Low Cost (cost less that mechanical Brakes and No maintenance)
- Decreased cycle time
- Frictionless
- No brake linings to replace
- No routine maintenance

**DYNA-STOP II** can be connected to virtually any existing AC motor, power for the brake control and power circuits is supplied from 2 wires connected to the line side of the motor starter, 3 wires are then connected to the load side of the starter and a starter interlock is provided to insure motor lockout during braking of the motor. Stopping time is changed simply by adjusting the Torque potentiometer on the Brake and the zero speed Circuit insures that braking current is removed from the motor when zero speed is reached. The elimination of the brake timer allows for rapid jogging sequences because the brake stays on only long enough to stop the motor.



**Applications for the DYNA-STOP II include:**

Machine Tools  
 Woodworking equipment  
 Industrial equipment  
 Power Transmission  
 Conveyors  
 Rolling Mills  
 Crane Trollies  
 Fans (Anti-Windmill Device)  
 Centrifuges And Extractors

Drills  
 Tapping Heads  
 Lathes  
 Grinders  
 Milling Machines  
 Boring Machines  
 Punch Presses  
 Gear Hobbers  
 Saws

Planers  
 Chippers  
 Routers  
 Shapers  
 Sanders  
 Gang Saws  
 Jointers

WEDSADS222010	10	75	220
WEDSADS222015	15	120	220
WEDSADS222020	20	160	220
WEDSADS222030	30	256	220
WEDSADS244005	5	30	440
WEDSADS244010	10	50	440
WEDSADS244015	15	60	440
WEDSADS244020	20	90	440
WEDSADS244025	25	110	440
WEDSADS244030	30	120	440
WEDSADS257510	10	40	575
WEDSADS257530	30	256	575
WEDSADS257540	40	100	575

**Available options**

Multi speed motors  
 Enclosures  
 Special voltages and other motor HP's

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