

# A. K. ENGINEERS & TRADERS

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### **ELECTRO HYDRAULIC THRUSTER BRACK**

Mill Duty A.K. Engineers & Traders Breaks are suitable for 400/440 Volts, 3 Phase A.C. Supply for a wide range of drum sizes from 100mm to 500mm dia. The Braking Pressure to the Shoes is transmitted from the springs by means of an extremely Rigid and simple liver/tie rod mechanism.



### **HYDRAULIC THRUSTER**

A.K. Engineers & Traders thrustor is an electro hydraulic device that is used to apply pressure or actuate lever mechanism of brake arrangement. The range of our electro hydraulic thrustor is used for exerting a controlled smooth upward thrust. This can be done on any device with rated capacity. Our product comprises of a Clevis Lug mounting which allows the thrustor to be mounted up to ten degrees. The rubber surfaces of the thrustor are immersed in oil and require less maintenance. One of the best feature of out product is that it is not affected by mechanical overloading.



### **COUNTER WEIGHT / GRAVITY LIMIT SWITCH**

Our product Counter Weight Gravity Limit Switches used for heavy duty E.O.T. cranes and hoists to prevent over travel of hoisting motion on power circuit up to 500, 50 cycles per sec. and 40 Amp continuous current. It is made of sheet metal or cast aluminum.



### **LEVER LIMIT SWITCH**

Liver limit switches are used for Heavy duty E.O.T. cranes, wagon shunting devices etc. to prevent over travel or over traverse on power & control circuit upto 500 V.A.C. 50 cycles/second and 40 amps current rating. A.K. Engineers & Traders limit switch normally remains closed and cuts off power to stop the motor of the crane. The Limit Switch operates when it reaches predetermined position when the lever is moved over projecting member fixed on the girder. The Limit Switch contacts are automatically reset when the liver returns zero position due to spring action.



### **ROTARY GEARED LIMIT**

Rotary gear type A.K. Engineers & Traders limit switches are used to control/power circuit of reversing drivers so as to limit their rotation/movement within in a predetermined position. The function of the limit switch is to stop the Mechanism of the drive at the extreme forward/reverse position. These Limit Switches are particularly suited for use on reversing drives such as hoist, winches, rolling mills and various other mechanisms used in steel plant as hoist, winches, rolling mills and various other mechanisms used is steel plant such as coke ovens, feeding machinery.





### **ROTARY GEARED LIMIT**

A.K. Engineers & Traders These limit switches are designed and manufactured according to safety standards and are suitable for use on reversing drivers, such as hoists, cranes, type FG.



### **MASTER CONTROLLERS**

A.K. Engineers & Traders Master controller in Enclosure is housed in sheet steel enclosure and provided with an easily removable cover with sample area for easy maintenance. Master Controllers are also supplied in enclosure. The Master Controller manufactured by two types. 2. is MC-Deadmen handle with return spring contact body is made of high grade melamine suited for heavy duty, non tracking and capable for withstanding heavy arcing. The contacts have maximum current capacity of 40 amps at 500 V.A.C. The contact tips are made from high grade silver cadmium alloy.



### **CABLE TROLLEY**

A.K. Engineers & Traders cable trolleys that can be used for different types of trolleys. Our cable trolleys can handle flat and round cables with loop weights of 100-600 Kg.



### **BREAK DRUM PLAN/GEARED**

A.K. Engineers & Traders Breakdrum are suitable for overcoming the following type of misalignment: Our range of flexible geared couplings hubs of A.K. made Breakdrum are machine from EN-9 steel forgings to meet tolerances for accurate alignment and proper balance.



### **FLEXIBLE GEARED COUPLING**

A.K. Engineers & Traders geared coupling are suitable for overcoming the following type of misalignment: Our range of flexible geared couplings hubs of A.K. made coupling are machine from EN-9 steel forgings to meet tolerances for accurate alignment and proper balance.



### **RUBBER BUFFER 6x6 INCH.**

A.K. Engineers & Traders We are Manufacturer of Rubber Buffer and metal bounded rubber buffers for our customers. We supply rubber buffers in 6x6 inch. 8mm 4 bolt and sizes with plate or stud fixing varieties. Used for damping and vibration controls.

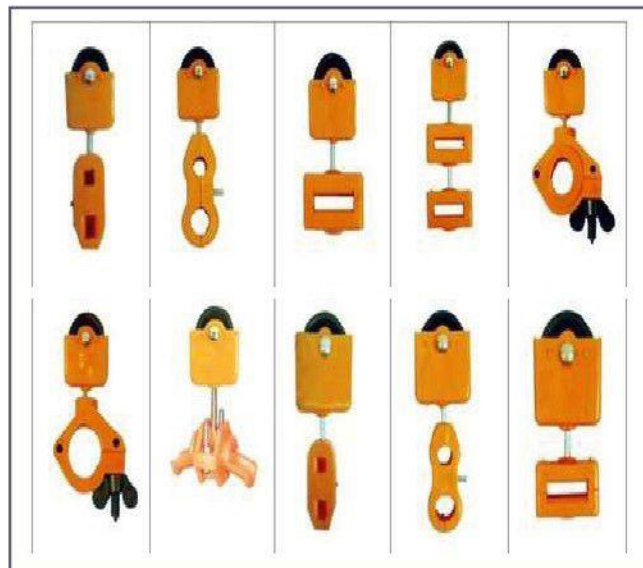


### **RUBBER BUFFER 4 INCH.**

A.K. Engineers & Traders We are Manufacturer of Rubber Buffer and metal bounded rubber buffers for our customers. We supply rubber buffers in 4 inch. 8mm 1 bolt and sizes with plate or stud fixing varieties. Used for damping and vibration controls.



Anti Crane Collision



Cable Carrier Trolley



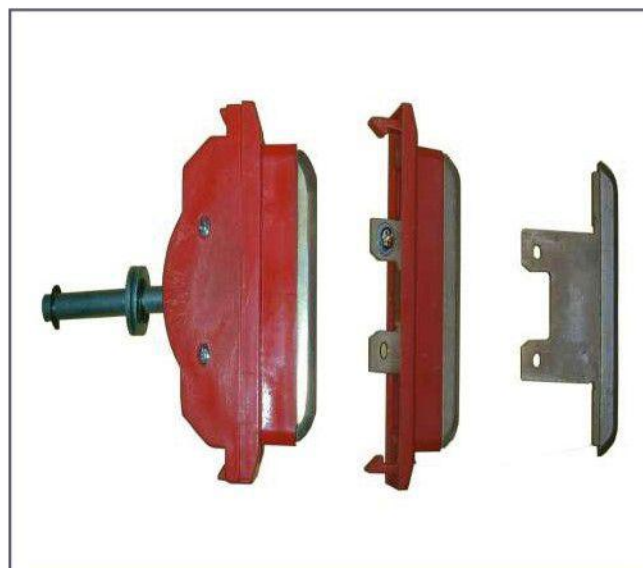
4 Pole Hanger M / W Type  
1 Pole Hanger & Joint Cover



Epoxy Insulator



Current Collector



Spare





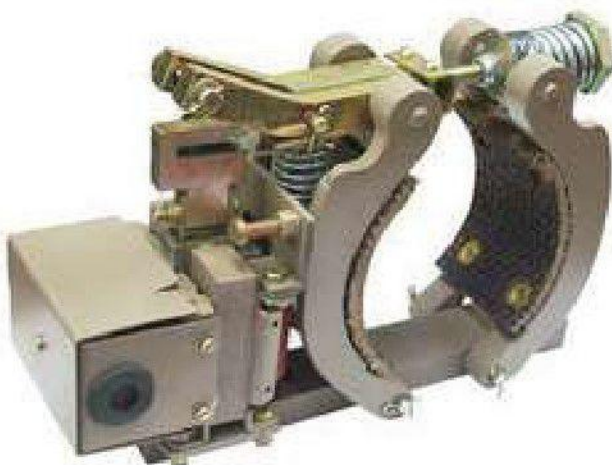
Festoon System / C Track Trolley



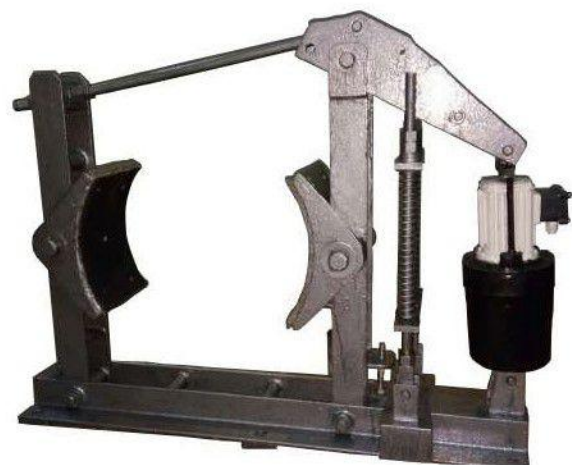
Square / Round Rail Clamp



AC / DC Brake



DC Electro - Magnetic Brake



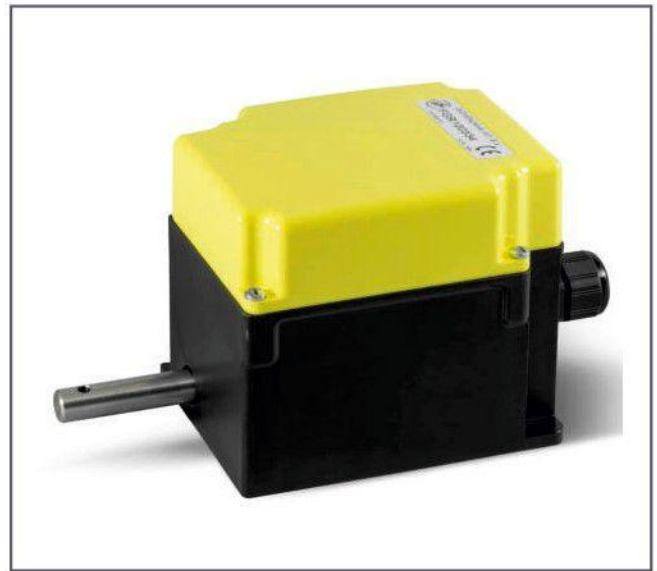
Thruster Break 500 x 46 Kg.



**GIOVENZANA**  
INTERNATIONAL B.V.



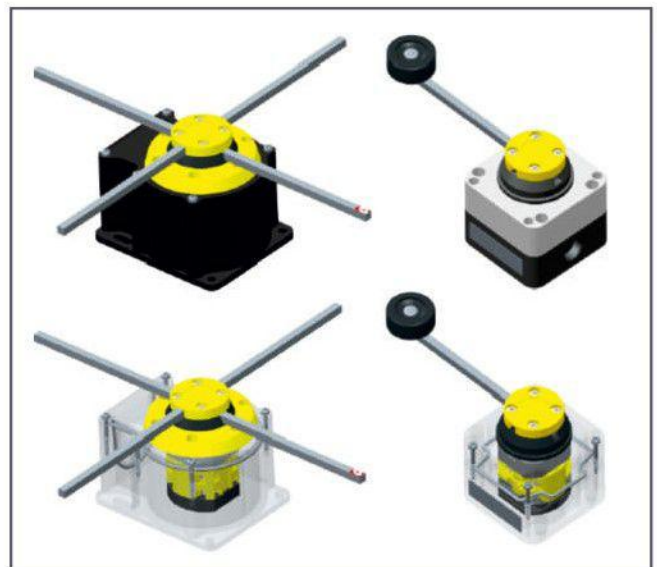
Pendant



Rotary Gear Limit Switch FGR 12mm Shaft



Cables



Cross Bar Limit Switch & Two Way Lever Type Limit Switch

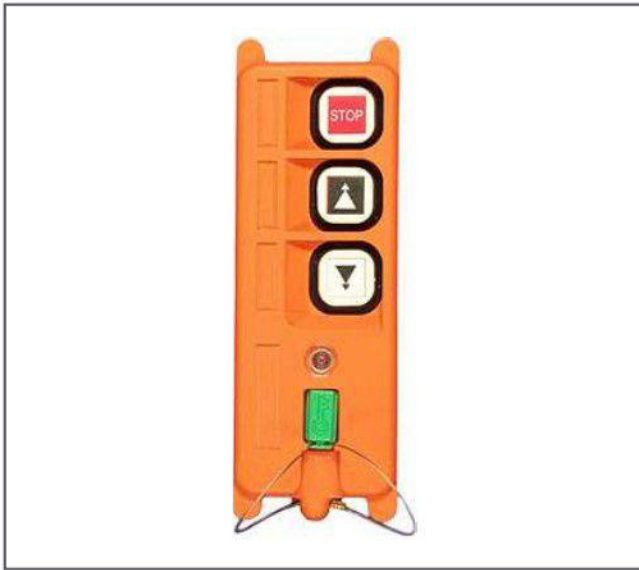


Current Collector Trolley



Enclosed Bus Bar Copper With/Without Joint





Two Single/Double Speed



4 Single/Double Speed Buttons Radio Remote



8 Single/Double Speed Buttons Radio Remote



10 Single/Double Speed Buttons Radio Remote



Pendant



Resistance Box

