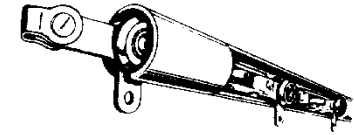


# Bridgeveyor™

## Overhead Systems Ltd.

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## Photographs of "D-2000 Jam Prevention Switch"

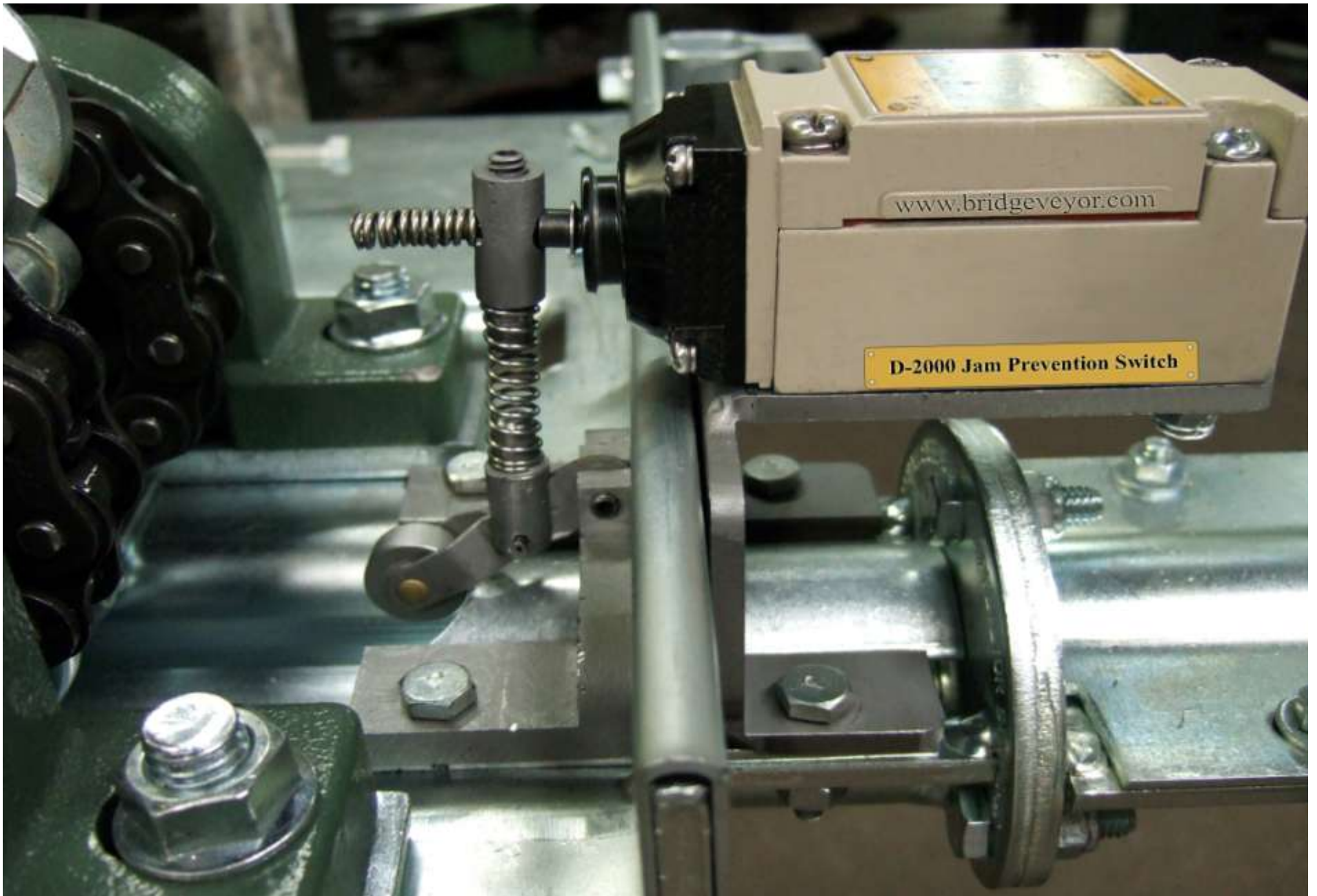
This device would be installed at the exit side of the "D-2000 Drive Plate Section," and would be activated when loose chain occurs in the system. Subsequently, the Drive Dog could lift the loose and accumulated conveyor chain, tripping the switch and automatically signalling to the conveyor control station to stop movement of the conveyor system before damage occurs.

In instances where more than one drive is installed on a single chain system, each drive would require a "D-2000 Jam Prevention Switch".

The adjoining arm, which is stationed 90° horizontally from the above trip signal, will also prevent damage to the system by stopping movement of the conveyor chain if a drive dog spring should ever break causing the disengaged dog to lose its held back position, tripping this second arm attachment. This motion would only occur on the exit side of the drive in the direction of travel.

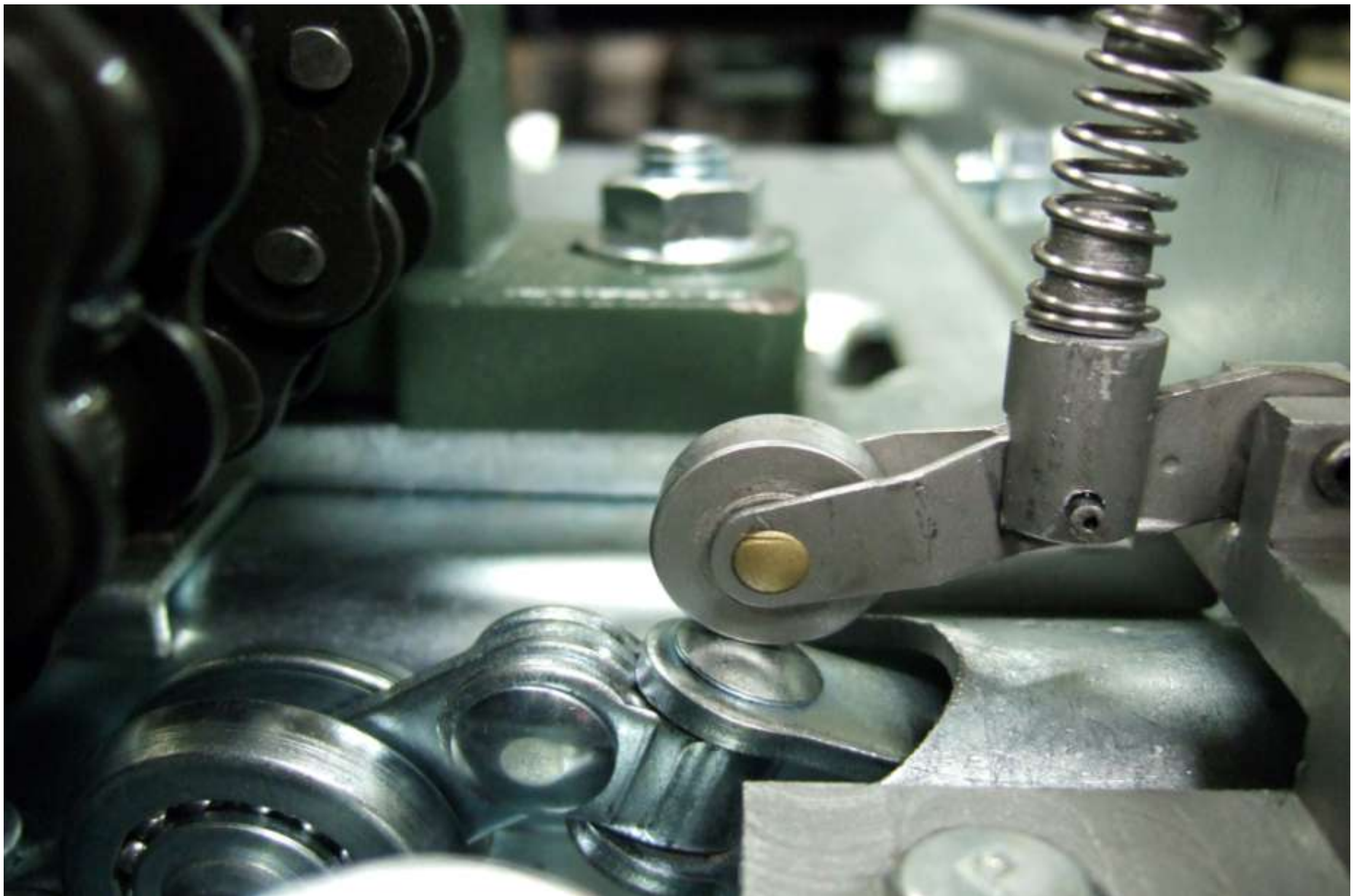
In the event of a conveyor system, which travels in both directions, a jam prevention switch would be required on both sides of the conveyor drive plate.

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Markham, Ontario



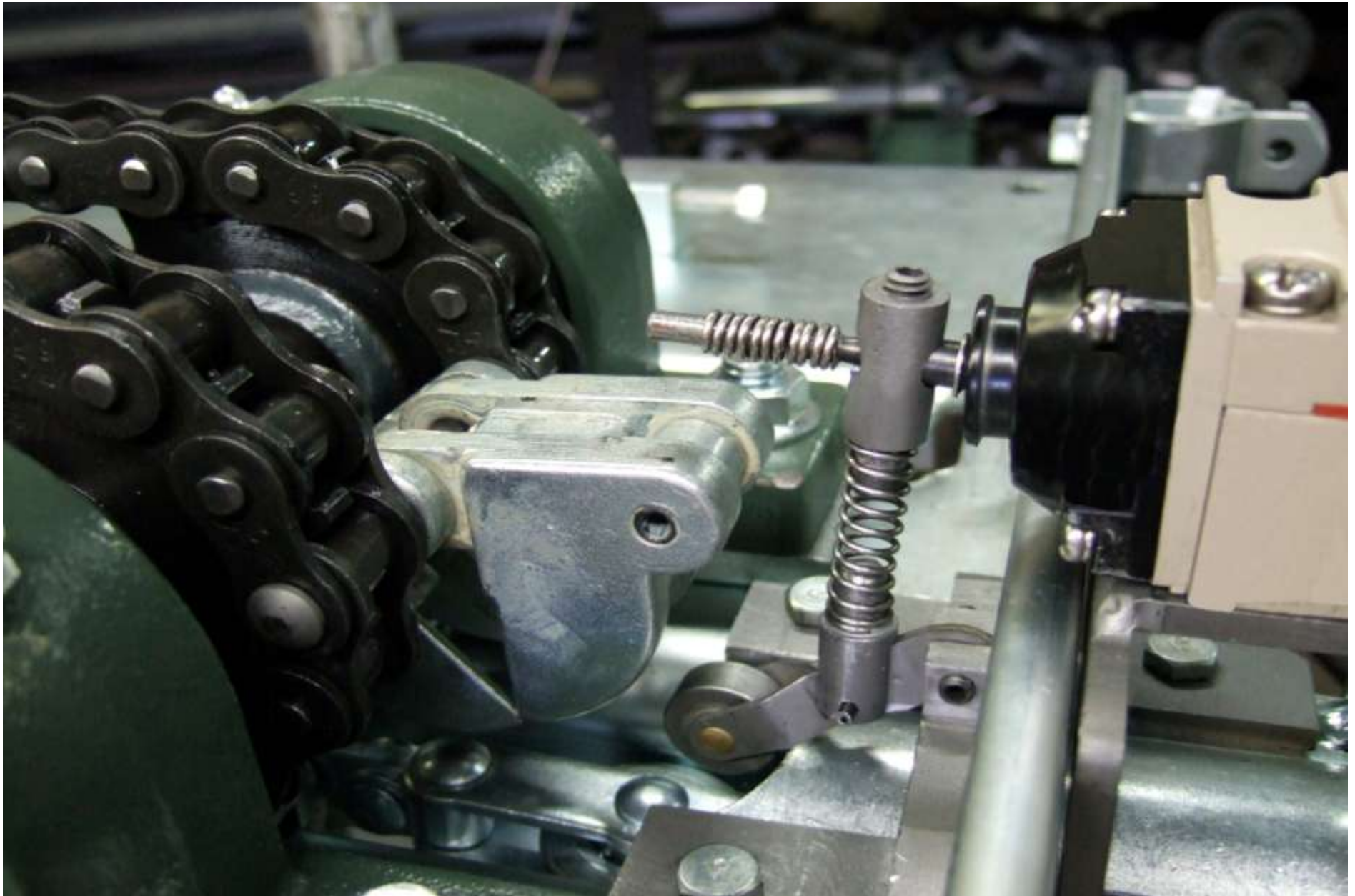
**Bridgeveyor D-2000 Jam Prevention Switch**

Rated for any power and to be wired into main control box.



**Bridgeveyor D-2000 Jam Prevention Switch (Jammed Chain Condition)**

In this photo, the C-250 Conveyor Chain has become slack and has the potential of damaging the system. With the new "D-2000 Jam Prevention Switch", the chain has actuated the Trip Switch and cut power to all D-2000 Drives on the system.



**Bridgeveyor D-2000 Jam Prevention Switch (Broken Drive Dog Spring Condition / Prior to Engagement)**

Here, the broken Drive Dog (spring) has prevented the Drive Dog from remaining in the open or held back position thus creating the potential for a jam situation. The "D-2000 Jam Prevention Switch" is about to engage and cut power to all D-2000 Drive Units on the same system (which will prevent damage to the conveyor).



**Bridgeveyor D-2000 Jam Prevention Switch (Broken Drive Dog Spring Condition /Engaged)**

Here in this illustration, the broken Drive Dog (spring) has actuated the Trip Switch thus shutting down power to the entire conveyor system and all its D-2000 Drive Units.