

# THE HILMAN MOTORIZED ROLLER SYSTEM

Patent Pending

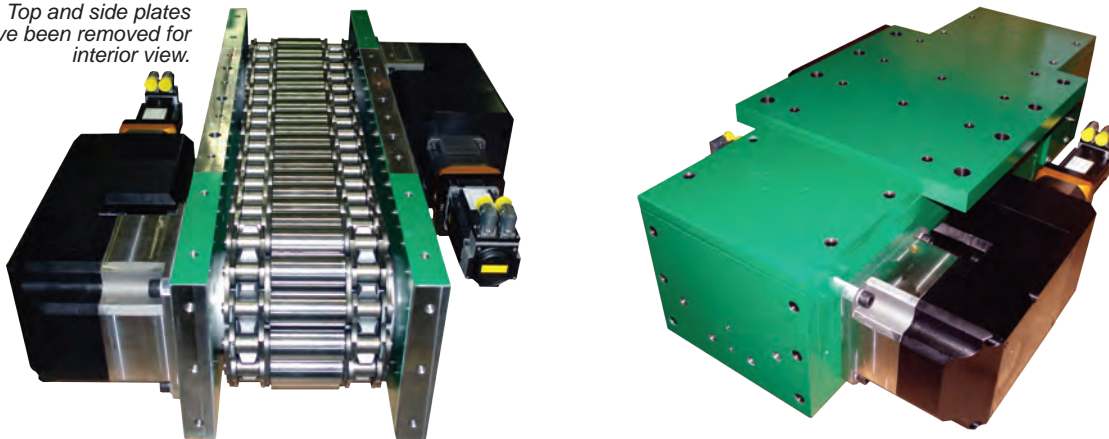
The Hilman Motorized Roller System is the latest innovation from Hilman Rollers, and makes moving the heavyweights even easier. As the name implies, the Hilman Motorized Roller is a fully powered version of our chain-action Hilman Roller.

Designed to be used on a steel track; the Hilman Motorized Roller is a low-profile, high-capacity solution for permanent, repetitive movement of heavy objects.

Hilman can supply a complete Motorized Roller System; with steel track, power unit and Motorized Hilman Rollers.

## THE HILMAN MOTORIZED ROLLER

*Top and side plates  
have been removed for  
interior view.*



*Motorized Rollers Under Load*



***Now We're Really Moving***



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**LOW-PROFILE  
SOLUTION FOR  
REPETITIVE,  
STRAIGHT  
LINE  
MOVEMENT  
OF THE  
HEAVYWEIGHTS**



This Hilman Motorized Roller System is seen here being tested prior to a permanent installation in a large laboratory. The test was conducted by mounting six individual 100-ton capacity Hilman Motorized Rollers to a cart loaded with 360-ton of concrete block, to simulate the actual maximum load once installed. The load was moved over a 160-foot distance, and back, at less than 1-foot per minute. In addition to the rollers, Hilman supplied over 600-foot of precision machined steel track components for this test and project. Among the many requirements for the system, the overall height of the rollers and track could not exceed 20-inches. The Hilman Motorized Roller system was designed with less than 16-inches in overall height. The System was tested for one cycle and all components used in the test headed straight to installation subsequent to passing. Hilman has tested other, smaller capacity motorized roller systems with higher cycles, and similar results. In the end the Hilman Motorized Roller System tested out as required; a low-profile solution for repetitive, straight line movement of the heavyweights.