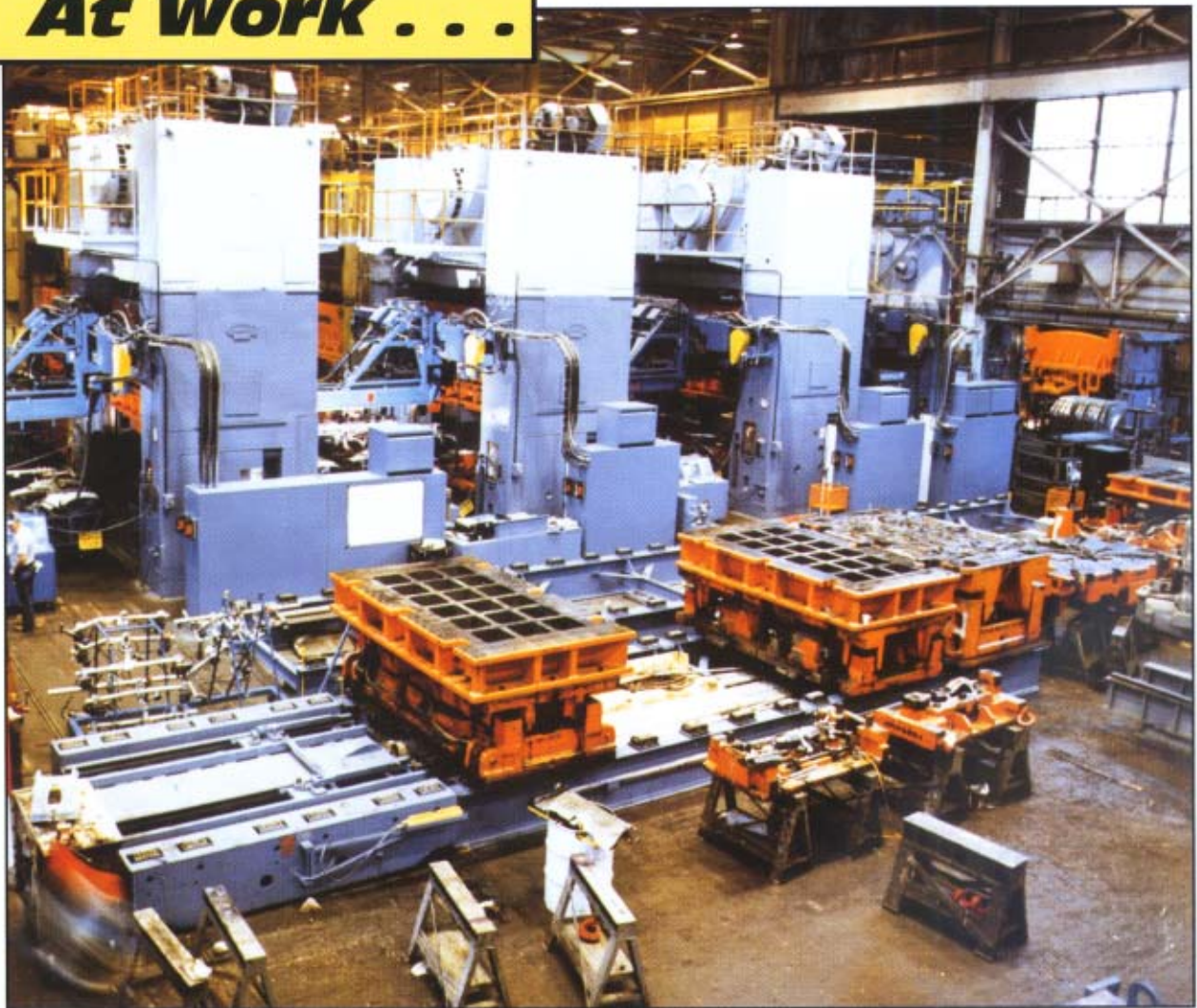


**OEM, Production &
Automation, Quick Die Changing**



**HILMAN
ROLLERS**

At Work . . .





HILMAN ROLLERS

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. . . In OEM, Production & Automation, Quick Die Changing.

These are excellent areas for rugged, well made products such as Hilman Rollers. Many OEMs use Hilman Rollers with special modifications such as Accu-Roll Guidance Systems, special bolt patterns, unique materials of construction, or keyway chains for repetitive movement.

In production and automation applications, Hilman Rollers are often used as part of a system. They can be part of a die transfer, the production line movement of heavy items through assembly, a slide or guide for a heavy machine, or part of a machine that must slide, rotate or even transfer continuously.

Following are just a few of the OEMs that have put the benefits of Hilman Rollers to work saving time, manpower and money.

QUICK DIE CHANGE CARTS



Huge automobile manufacturer makes use of these carts to quickly change out and stage heavy dies. The continuous chain action of the Hilman Roller allows them to act as a heavy duty conveyor when they are mounted upside down as in this application.

HEAVY COIL FORMING



High capacity Hilman Rollers are naturals as a permanent sliding component incorporated into this heavy duty steel bending machinery. Rollers used here are 75 ton capacity with a keyway chain, ideal for this type of heavy duty repetitive application.

VERTICAL BORING MILL



Six modified ERF style Hilman Rollers are used to move the 150 ton cutting arm column of this openside vertical boring mill. Designed without tops, the ERF rollers are the model to choose in applications with tight height constraints like this one.

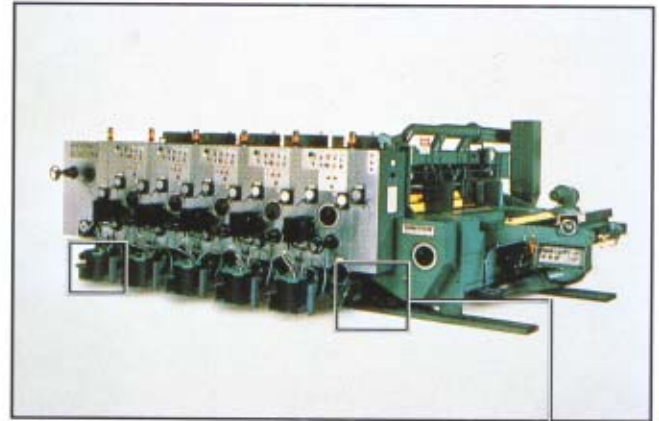


PRECISION MOVEMENT



Hilman Rollers are bolted to carts to precisely move heavy fixtures to an awaiting robot. Two ton capacity Hilman Rollers with a standard bolt pattern in their OT tops were selected.

ROTARY DIE CUTTER



Modular corrugated box printing and cutting machinery utilizes modified Hilman Rollers as slide wheels on its sectional components. The machinery is easily customized because the rollers allow the modules to slide out for reassembly into various configurations.



PRE-STAGING



Downtime is minimized with these powered carts on which heavy automotive dies are prestaged so they can be transferred quickly and safely to awaiting presses. Close-up shows one of the 15-OT Hilman Rollers installed upside-down on these carts, which are designed to carry dies weighing 50 tons.



DIE HANDLING EQUIPMENT



▲ For storing and retrieving heavy dies of various sizes and shapes, the appliance manufacturer incorporated a series of upside down Hilman Rollers in their storage racks. The rollers act as heavy duty conveyors to aid in the process.

▶ Another use for Hilman Rollers is in the transferring of the heavy dies into the presses. The high capacity, compact size, and ability to operate upside down, makes the Hilman Roller work extremely well in the narrow spaces generally allotted to these bridge arms.



▲ This appliance manufacturer uses Hilman Rollers in several facets of die handling. Installed upside-down, the oversized tops of 5 ton capacity Hilman Rollers make a convenient bolting surface on die change carts. The heaviest die transferred on this equipment is 20 tons.

SLIPFORM PAVER



Eight Hilman Rollers are built into this manufacturer's multi-directional slipform paver, allowing sections of the paver to slide. Here rollers must withstand repetitive use in the harsh outdoor highway construction environment.

Hilman Rollers are all steel, easily modifiable, and contain no bearings or bushings. Because of this construction, they provide the long life and minimal maintenance required in the constant day-in and day-out OEM applications. But this is not the only area where Hilman Rollers work hard. Be sure to look for the other applications presented in our "Hilman Rollers At Work" series:

- Oil & Gas Exploration, Marine and Shipbuilding
- Bridge Construction
- Pipe and Tunneling
- Heavy Construction & Rigging
- Industrial Machinery
- Doors
- Power Generation
- Research Equipment
- Manufactured Home Production and Roll-On

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