



# MECHADYNE

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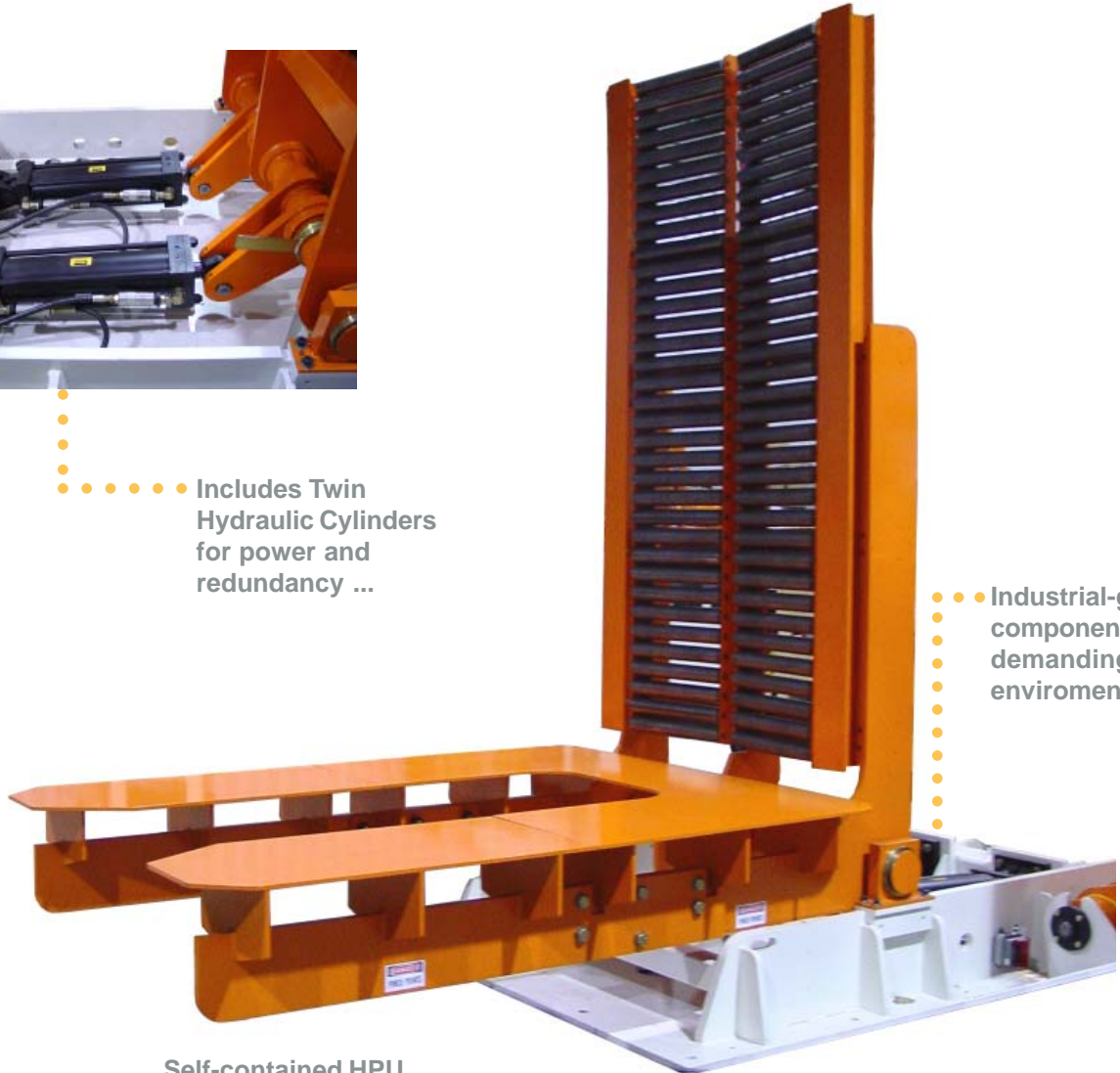
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## Roll Handling Systems



Includes Twin Hydraulic Cylinders for power and redundancy ...



Industrial-grade components for demanding environments...

# UPENDER MILL DUTY

Self-contained HPU included for easy set-up...



Mechadyne's Mill-Duty roll Upender, engineered for dependable operation in demanding mill environments, is used to rotate rolls from horizontal to vertical, or from vertical to horizontal. Dual hydraulic rotate cylinders provide the power and redundancy required for 24/7-type operations. With automatic or semi-automatic models available, the potential for accidents can be reduced or eliminated by using the Mechadyne Upender to safely position rolls in the required orientation!

*...a revolution in roll packaging!*

# UPENDER

## MILL DUTY



**INFEED BELT - STRAIGHT CDLR DISCHARGE**



**INFEED BELT - SIDE CDLR DISCHARGE**



**INFEED ROLLERS - FLAT PLATE DISCHARGE**



**INFEED BELT - FLAT PLATE DISCHARGE**

### Standard Features and Specifications

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Roll Size Range:*</b>     | Diameters from 30 - 110 inches<br>Widths from 36 - 124 inches<br>Weights up to 10,000 lbs                                                                                                                                                                                                                                                                                                                                           |
| <b>Production Capacity:*</b> | Up to 45 rolls per hour<br>Contact Mechadyne for a through-put calculation specific to your application                                                                                                                                                                                                                                                                                                                             |
| <b>Utilities:</b>            | 460VAC 3-Phase 60 Hz<br>Optional 230VAC motors                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Control Features:</b>     | Optional Free standing NEMA 12 Operator station<br>Up/Down control proximity sensors<br>Infeed and discharge photoelectric sensors (when required)<br>Pre-wired junction box for customer interface                                                                                                                                                                                                                                 |
| <b>Design Features:</b>      | Heavy-duty steel plate construction for long life in demanding environments<br>Dual heavy-duty hydraulic cylinders<br>Hydraulic line velocity fuses for safe operation<br>Self-contained hydraulic power unit with temperature and fluid level sensors<br>Synthetic rotate bearings require no lubrication<br>Open mechanical design for ease of maintenance<br>Industry-standard components<br>Custom paint available upon request |

\* Mechadyne can custom design an Upender to meet specific requirements. Provide your distributor with the custom roll specifications for a quote.

