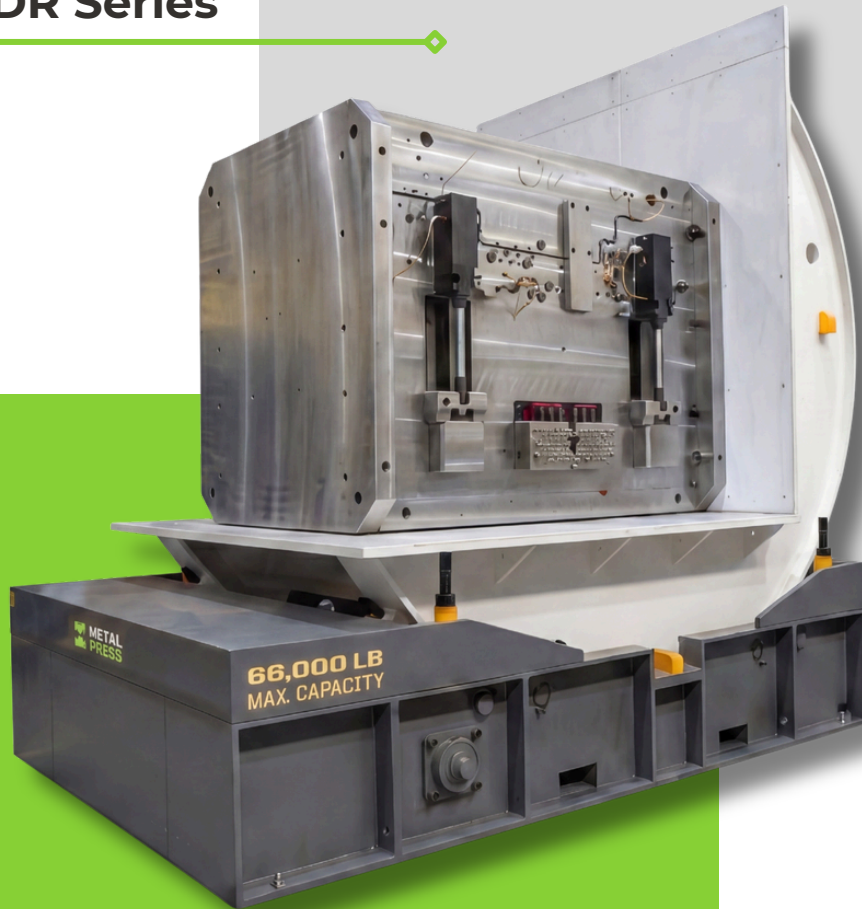


DIE/MOLD UPENDERS

A Smarter and Safer Way to Flip Heavy Items

MDR Series



metalpressmachinery.com



NEW STANDARD FOR

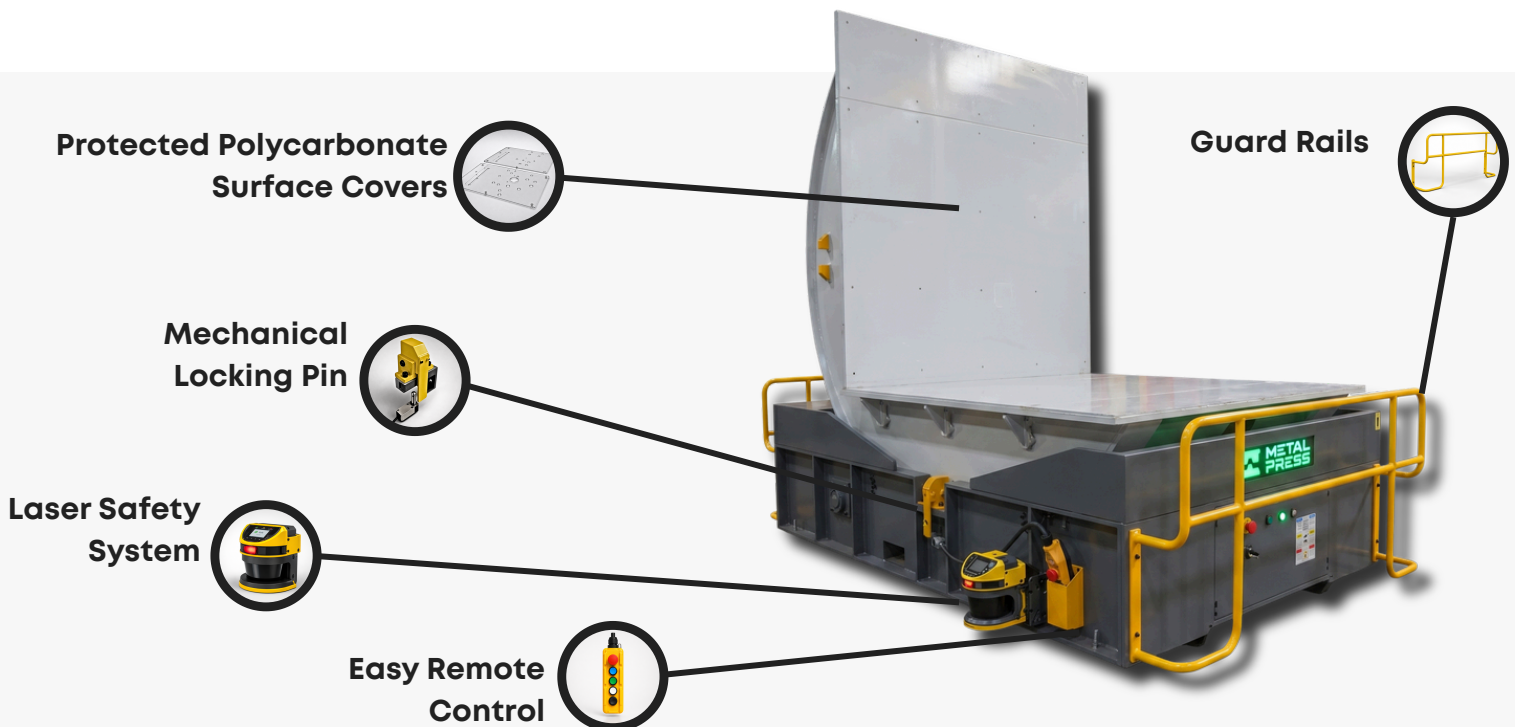
SAFER DIE HANDLING



Die & Mold Upenders Built for Safer Tooling Movement

The MetalPress MDR Series is engineered to rotate heavy dies, molds, tooling, coils, and industrial loads with controlled, stable movement. Instead of relying on forklifts, chains, slings, or manual repositioning, operators can rotate heavy loads safely through a smooth 90° motion.

Built with reinforced welded steel construction, all-electric operation, and integrated safety features, the MDR Series helps reduce handling risk, protect valuable tooling, and improve changeover efficiency on the plant floor.



MDR SERIES KEY FEATURES & OPTIONS



HEAVY DUTY CONSTRUCTION

01

MetalPress MDR Series upenders are built with reinforced welded steel frames for demanding industrial use. A gear motor, dual chain sprocket drive, sealed bearings, brake motor, and gear reducer work together to deliver smooth, controlled rotation without sudden movement that could destabilize the load.



ALL ELECTRIC

02

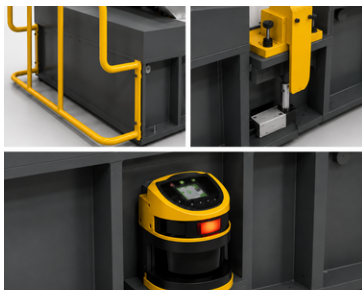
The MDR Series uses an electric-powered gear motor with a dual chain sprocket drive for smooth, safe rotation. With no hydraulic system, there are no messy leaks, less maintenance, and cleaner operation on the plant floor.



FULL 90° ROTATION

03

This series rotates a full 90 degrees in both directions. Rotation is smooth and can be stopped and started at any time and in any position.



ADVANCED SAFETY FEATURES

04

The MDR Series helps protect operators and equipment with safety guard rails, an optional laser safety scanner, and standard mechanical locking pins. These features help create a safer work zone, stop motion when the safety area is entered, and secure the machine during cleaning or maintenance.

THE RANGE

EIGHT MODELS. FROM 5 TO 75 TON.



MDR SERIES STANDARD MODEL SPECIFICATIONS

SPECIFICATIONS – U.S. STANDARD	MDR-5	MDR-10	MDR-15	MDR-20	MDR-30	MDR-40	MDR-50	MDR-70
Overturn Capacity	5.5 tons (11,023 lbs)	11 tons (22,046 lbs)	16.5 tons (33,069 lbs)	22 tons (44,092 lbs)	33 tons (66,138 lbs)	44 tons (88,000 lbs)	55.1 tons (121,473 lbs)	75 tons (150,000 lbs)
Table Size	47 x 47 inches	55.1 x 55.1 inches	66.9 x 66.9 inches	78.7 x 78.7 inches	78.7 x 78.7 inches	78.7 x 98.4 inches	98.4 x 98.4 inches	98.4 x 118 inches
Table Height	22.8 inches	26.8 inches	30.7 inches	36.6 inches	38 inches	48.4 inches	48.4 inches	51.6 inches
Center of Gravity	23.6 inches	27.5 inches	33.5 inches	39.4 inches	39.4 inches	39.4 inches	49.2 inches	49.2 inches
Center of Rotation	17.7 inches	19.7 inches	25.2 inches	29.5 inches	29.5 inches	29.5 inches	35.4 inches	36.4 inches
Motor Power	2 hp	4 hp	5 hp	7 hp	10 hp	15 hp	25 hp	30 hp
Machine Size (L x W x H)	84 x 47 x 70 inches	89 x 55 x 81.9 inches	103.1 x 66.9 x 97.6 inches	120.5 x 78.7 x 116.7 inches	124 x 78.7 x 116.7 inches	130 x 98.4 x 146.8 inches	130.7 x 98.4 x 148.8 inches	130 x 120 x 148.8 inches
Machine Weight	1.8 tons (3,594 lbs)	2.6 tons (5,200 lbs)	4.2 tons (8,422 lbs)	6.7 tons (13,288 lbs)	8.9 tons (17,637 lbs)	13.2 tons (26,400 lbs)	16.5 tons (33,000 lbs)	19.8 tons (39,600 lbs)

SPECIFICATIONS – METRIC STANDARD	MDR-5	MDR-10	MDR-15	MDR-20	MDR-30	MDR-40	MDR-50	MDR-70
Overturn Capacity	5 tonnes (5,000 kg)	10 tonnes (10,000 kg)	15 tonnes (15,000 kg)	20 tonnes (20,000 kg)	30 tonnes (30,000 kg)	40 tonnes (40,000 kg)	50 tonnes (50,000 kg)	70 tonnes (70,000 kg)
Table Size	1200 x 1200 mm	1400 x 1400 mm	1700 x 1700 mm	2000 x 2000 mm	2000 x 2000 mm	2000 x 2500 mm	2500 x 2500 mm	2500 x 3000 mm
Table Height	580 mm	680 mm	780 mm	930 mm	965 mm	1230 mm	1230 mm	1310 mm
Center of Gravity	600 mm	700 mm	850 mm	1000 mm	1000 mm	1000 mm	1250 mm	1250 mm
Center of Rotation	450 mm	500 mm	640 mm	750 mm	750 mm	750 mm	900 mm	900 mm
Motor Power	1.5 kW	3 kW	4 kW	5.5 kW	7.7 kW	11 kW	18.5 kW	22 kW
Machine Size (L x W x H)	2130 x 1200 x 1780 mm	2270 x 1400 x 2080 mm	2620 x 1700 x 2480 mm	3060 x 2000 x 2965 mm	3150 x 2000 x 2965 mm	3300 x 2500 x 3730 mm	3320 x 2500 x 3780 mm	3320 x 3050 x 3780 mm
Machine Weight	1.6 tonnes (1630 kg)	2.5 tonnes (2500 kg)	3.8 tonnes (3820 kg)	6 tonnes (6035 kg)	8 tonnes (8020 kg)	12 tonnes (12000 kg)	15 tonnes (15000 kg)	18 tonnes (18000 kg)

WHY YOU SHOULD ALWAYS USE AN UPENDER



Flipping heavy dies or molds with an overhead crane may seem simple, but it creates serious safety risks.

Most cranes are not designed to pull loads sideways into a tipping point, and the moment the die flips can create sudden stress on the crane wire, the load, and nearby workers.

A die upender gives the operation a safer, faster, and more controlled method. Instead of relying on crane positioning, rigging, and risky manual steps, the upender supports the load through a stable rotation cycle — helping protect employees, prevent die damage, and improve productivity



**READY TO
ROTATE
HEAVY DIES/MOLDS
THE SAFE WAY?**



**Protect Your Tooling.
Improve Handling.
Reduce Risk.**



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