

MOLEY MAGNETICS, INC.

RAILROAD



MOLEY
MAGNETICS INC.

moleymagneticsinc.com
1 (844) M-MAGNET (662-4638)

MAGNETS

MOLEY MAG II 12/24V (ESB)

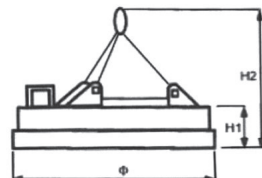
- **Sweeping Other Track Material (OTM)** — cooler running magnet allows for longer on times allowing for faster recovery.
- **OTM Distribution** — delivery of spikes, tie plates, rails, clips, etc.
- **Loading & Unloading** — easy to install, magnets can be very easily moved from machine to machine.

MAGNET	VOLTAGE	AMPS	WEIGHT	LIFT CAPACITY (LOOSE)	LIFT CAPACITY (SOLID)	DUTY CYCLE
ESB 18	12/24V	16/32	330 Lbs.	100 - 200 Lbs.	1,500 Lbs.	75%
ESB 26	12/24V	40/80	700 Lbs.	200 - 400 Lbs.	4,800 Lbs.	75%
ESB 32	12/24V	40/80	1058 Lbs.	400 - 600 Lbs.	6,200 Lbs.	75%
ESB 32 DW	12/24V	40/80	1540 Lbs.	600 - 750 Lbs.	8,000+ Lbs.	75%
ESB 36	12/24V	40/80	1874 Lbs.	600 - 750 Lbs.	8,000+ Lbs.	75%

FULLY ENCLOSED HYDRAULIC MAGNETS (ESA)

Our Fully Enclosed Hydraulic Magnets (ESA) are robust heavy duty magnets ideally suited for applications where a quick changing attachment is beneficial.

- 5-Minute Install
- No Generator Needed
- Decrease Labor Costs
- Sizes Available: 28L", 32", 36L", 38", 42", 50", 60", 72"



230-VOLT MAGNET (ESM)

Our standard Railroad Magnets are heavy duty magnets manufactured for the rigors of the rail industry. These magnets are designed for everyday use in a rail application. They are available in a wide range of sizes depending on your application. They are powerful and solidly built ensuring years of maximum performance.

- Low Maintenance
- Durable, Long-Life
- Sizes from 28" - 72"

MAGNET GENERATOR SYSTEMS MAGSTAR HYDRAULIC MAGNET GENERATOR SYSTEMS

This generator system is powerful, innovative, safe and maintenance-free. These generators are highly durable, electronically controlled with brush-less synchronous generators.

- Waterproof and Maintenance-free IP54 System
- Enhanced Drive Protection in the Event of Under-speed
- Wide Generator Speed Range
- Magnet Power is Fully Adjustable
- Load Limit Control
- Integrated Isolation Monitoring
- Torque Control



GRAPPLES

TRUCK-CRANE RAILROAD GRAPPLES

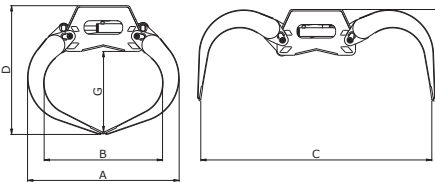
MODEL	CAPACITY	MODEL	CAPACITY
	CORD		CORD
MPB 1 C	.25	MPB 1	.25
MPB 2 C	.37	MPB 2	.37
MPB 3 C	.48	MPB 3	.48

- MPBC Butt Style
- MPB Bypass Style
- 24-Month Warranty
- Fully Protected Cylinders
- Indexator Rotators
- Hardened Bushings
- Heavier Duty Body Construction
- Multiple Pinned Tines
- Double Acting Safety Valves
- 6 Sizes Available



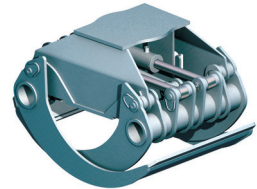
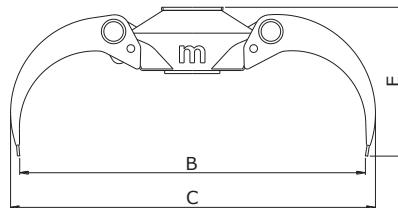
BUTT STYLE TIE GRAPPLES

- Sizes 0.27 yd³ to 0.55 yd³
- 24-Month Warranty
- Hardened Shaft
- Wear Resistant Blade
- Safety Holding Valve
- Hardox 400 Construction
- 360° Rotation Available



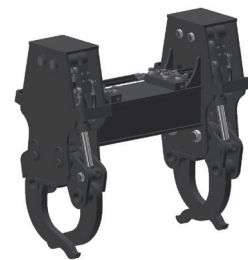
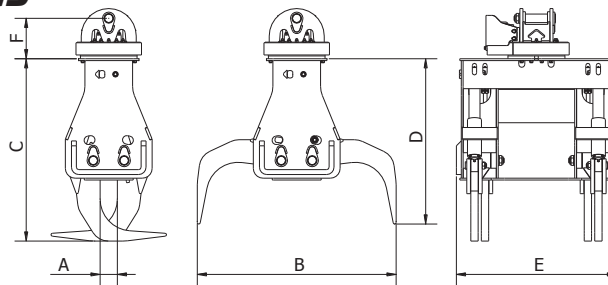
BYPASS TIE GRAPPLES

- Sizes 0.08 yd³ to 0.77 yd³
- 24-Month Warranty
- Hardened Shaft
- Wear Resistant Blade
- Safety Holding Valve
- Hardox 400 Construction
- 360° Rotation Available



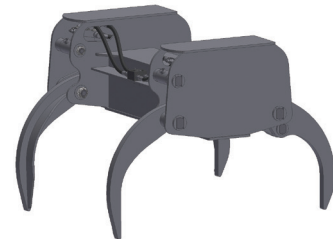
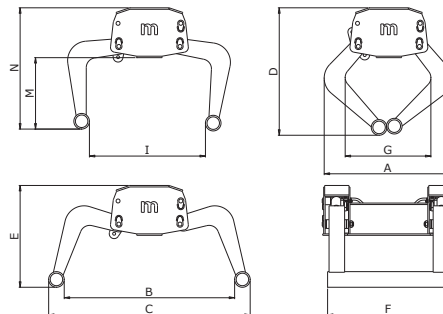
TIE/RAIL GRAPPLES

- 24-Month Warranty
- Safety Holding Valve
- Hardox 400



TIE/GRAPPLES

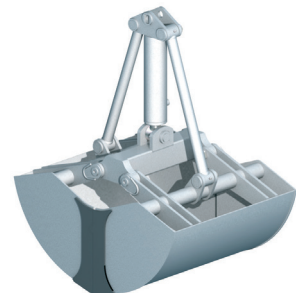
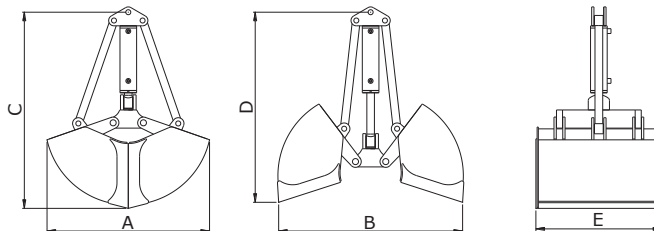
- 24-Month Warranty
- Safety Holding Valve
- Hardox 400 Construction



BUCKETS BED PREPARING BUCKETS

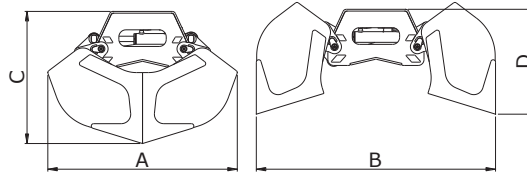
Bed Preparing Buckets are built for small excavators to remove soil and Ballast to create proper seating for ties (wood or concrete). All Railroad Bed Preparing Buckets can be equipped with hydraulic rotor continuous 360°.

- 24-Month Warranty
- 0.72 - 2.09 yd³ Capacity
- Safety Holding Valve
- Hardox 400 Construction
- 360° Rotation Available



BALLAST BUCKETS

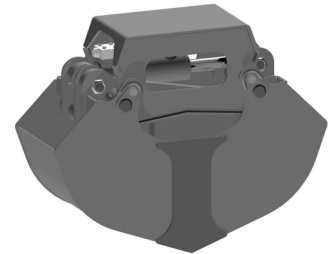
- 24-Month Warranty
- 0.72 - 2.09 yd³ Capacity
- Safety Holding Valve
- Wear Resistant Blade
- Hardox 400 Construction
- 360° Rotation Available
- Fully Protected Cylinder



RAILROAD TRUCK-CRANE BUCKETS

The Moley Railroad Truck-Crane Buckets are designed to endure the toughest jobs. The structure of the body and the shape of the valves allow the bucket to contain the maximum dimensions. Best used to deposit/remove crushed stones from tracks.

- 24-Month Warranty
- 0.14 - 0.65 yd³ Capacity
- Safety Holding Valve
- Hardened Shaft
- Wear Resistant Blade
- Hardox 400 Construction
- 360° Rotation Available
- Fully Protected Cylinder



TILT-ROTATORS: STANDARD/QUICK CONNECT

- Tilt Angle of 40°
- 360° of Bi-directional Rotation
- Operating Flow & Pressure up to 4,800 PSI and 37 GPM
- Proportional Hydraulic Controls (Allows for More Precise Movements)
- Flexible Smaller Section Hoses with External Metal Protection



MODEL	WEIGHT	VOLT	MACHINE	PRESSURE	MOTOR	FLOW	MOTOR	PRESSURE	TILT	FLOW	TILT	PRESSURE	OPEN/ CLOSE	FLOW	OPEN/ CLOSE
	LBS.	V	TONS	PSI		G/MIN		PSI		G/MIN		PSI		G/MIN	
ROT 2	860	12/24	14-24	1,595		13		3,626		13		4,381		24	
ROT 2 D	1,058	12/24	14-24	1,595		13		3,626		13		4,381		24	

ADDITIONAL ATTACHMENTS & EQUIPMENT

GRAPPLES

- Demolition Grapples
- Excavator Orange Peel Grapples
- Magnet Grapples 2-in-1
- Material Handler Orange Peel Grapples
- Truck-Crane Grapples

SHEARS

- Alligator Shears
- Concrete Pulverizers (Fixed or Rotating)
- Excavator Shears

RECYCLING

- Down Stroke Balers
- Moley Motor Choppers
- Pre-Shredders
- Vibrations Tables / Screens
- Wire Granulators
- Wire Strippers



Satisfying All Your Lifting Needs.

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