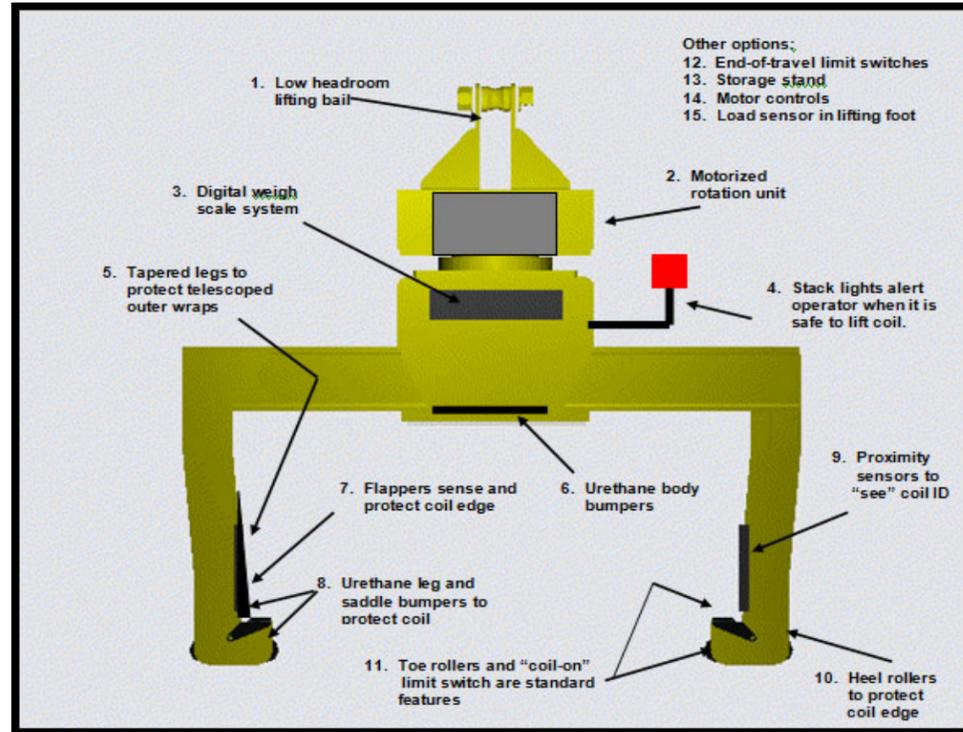


COIL GRAB OPTIONS



COIL GRABS

Bushman AvonTec manufactures a complete line of coil grabs that have been engineered to meet a variety of dimensional, capacity and special application needs. Quality-built throughout, these lifters will provide years of continuous, safe and efficient coil handling.

Bushman AvonTec manufactures coil grabs with heavy steel weldments. They feature:

- Telescoping, motor-driven legs.
- Formed, curved saddles on the lifting surfaces.
- Limit switch in the lifting pad to prevent accidental opening under load.

Optional features that enhance lifting efficiency and protect the coil include:

- Motorized rotation.
- Photo eyes to help position the grab on the center of the coil.
- Limit switches at ends of leg travel.
- Full length pads on all coil contact surfaces.
- Rubber or steel toe and heel rollers in the lifting feet.
- Built-in weigh scales with on-board or remote display.

Bushman AvonTec coil grabs are designed according to the latest revisions of ASME Specifications B30.20 and BTH-1, Design of Below-the-Hook Lifting Devices.



This motorized rotating coil grab was designed for low headroom areas.



This single spreader beam simultaneously supports five coil grabs that each lifts a 20-ton aluminum coil.

COIL GRAB STANDS



Coil lifters are large and top-heavy. They can be designed for storage only or as a full maintenance platform. When not in use, each coil grab should be stored on a stand designed for its specific size and weight.

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Solving Material Handling Problems

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## MOTORIZED COIL GRAB - MODEL M5067



Combining operating efficiency, protection of the coil, and utilization of the overhead crane system, the standard M5067 coil grab offers the most comprehensive coil handling features. The lifter can be operated with cab, pendant or remote controls. Standard units in 10 to 50 ton

capacities include replaceable, non-metallic wear bars in the frame. Optional features are available to adapt the coil lifter to the particular needs of the coil handling system.

## MOTORIZED ROTATING COIL GRAB - MODEL MR5067



The MR5067 coil grab from Bushman AvonTec is a low headroom lifter designed to give precise coil positioning. A gear motor accomplishes rotation with an integral pinion driving a geared bearing that is mounted in compression. An overload clutch protects the rotation drive from shock loading.

## HORIZONTAL PALLET LIFTER



This combination horizontal pallet lifter can lift 30-ton coils in eye-horizontal position or 15-ton coils lying eye-vertically on a pallet.



Forks in position to lift palletized coils.

## ADJUSTABLE COIL GRABS - MODEL 427



The model 427 coil lifter is especially suited for applications with lower duty cycles and those in which operators are in close proximity to the coil. Reliable and economical to operate, the model 427 coil lifter is very effective for use in narrow aisles.



This 25-ton capacity adjustable coil lifter is offloading steel coils from a railroad car in Houston.

## AUTOMATED COIL HANDLING APPLICATIONS



These two 31-ton coil grabs are used with fully automated cranes over an outdoor coil quenching pool.



One of two 42-ton coil grabs on fully automated coil storage cranes loading a coil on a transfer car.

## SPECIAL LIFTERS, MODEL M5067



This customer needed a faster and safer way to lift forged rings into and out of their vertical turret lathes. They were lifting them manually using three chains that had to be carefully rigged and adjusted. This customer-

designed Bushman AvonTec lifter allows the crane operator to insert and remove the rings by himself in a fraction of the time and with less chance of damaging the ring. The lifter can handle the customer's complete range of ring sizes from a six-foot diameter solid ring to a 21-foot diameter ring with a narrow cross section. The lifting pads are designed to lift the ring from either the OD or the ID.

## COIL GRABS WITH LOAD WEIGHING SYSTEMS



Bushman AvonTec coil lifters can be equipped with weighing systems to weigh coils during the lift. This saves time by not having to use a separate floor scale.

Features include:

- All electronic components that are easily replaced.
- Calibration settings saved in memory that is maintained even during power outages.
- High accuracy and repeatability.