

Each month MSC's product section features items from all areas of the steel construction industry. In general, these products have been introduced within the past six months. If you're looking for a specific product, visit MSC's online product directory at www.modernsteel.com/products. You can browse by product category or search on any term to help find the products you need, fast.

Lightweight Lifting Device

Lifting bags developed and manufactured by Trelleborg, Ridderkerk, Netherlands, can raise or move huge weights. Now available in a new range of sizes for the industrial market, they can be used in any application where lifting, moving, spreading or fixing is required. The lifting bags are made of a polymer-coated fabric—natural rubber reinforced with aramid fibers—and use the power of compressed air.

Eight sizes of lifting bags are available. The smallest is 6 in. square, not quite an inch thick, and can lift as much as a ton to a maximum lifting height of 3 in. The largest can lift an object of up to 67 tons as much as 20 in. while requiring just 116 psi air pressure. Two lifting bags can be used together to double the lifting height, and various accessories are available.

Lifting bags are expected to be used mainly instead of hydraulic jacks or cranes. They are much thinner than jacks—most are about 1 in.—which means they can be inserted into small spaces. And they can be carried under your arm and moved around in any type of vehicle.

For more information, visit www.trelleborg.com.



Magnetic Drill

The PRO 36 ultra compact magnetic drilling machine from Fab Tool Technologies has maximum capacities of 1 3/8 in. diameter and 2 in. depth. It weighs just 22 lb and has a maintenance-free rail guide travel system (gib) that maintains accuracy and reduces cutter breakage. M42 cobalt steel and tungsten carbide tipped annular cutters are available for 1-in. and 2-in. cutting depths.

For more information go to www.fabtooltechnologies.com or call 412.257.1908.



Pass-through Steel Cleaning System

The MRRT 4224 from Viking Blast & Wash Systems removes rust and scale from exterior surfaces of structural metal including wide-flange beams, plate, and weldments up to 24 in. wide and 42 in. in height. It uses an overhead monorail system or an integrated roller table conveyance system, providing additional flexibility to clean a wide range of part sizes and shapes. VK PowerMax 1500, direct drive, center-fed blast wheels in configurations ranging from 10 to 40 HP, provide maximum efficiency and throughput speeds from 5 to 15 ft per minute. The system features heavy-duty construction and tightly sealed isolation vestibules to buffer the workspace from errant abrasive. The dual direction, powered roller table conveyor system features variable travel speeds ranging from approximately 5 to 25 ft per minute to provide for surface finishes ranging from a SSPC-7 brush off finish to the completely white metal finish of SSPC-5. Air knife or nozzle type blow off systems and dust collection systems are also available.

For more information, visit www.vikingcorporation.com or call 800.835.1096.



All products submitted are considered for publication, and we encourage submittals related to all segments of the steel industry: engineering, detailing, fabrication, and erection. Submit product information via email to Tom Klemens (klemens@modernsteel.com). To be included in MSC's online products directory, contact Louis Gurthet (gurthet@modernsteel.com).