

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.

Automated Steel Beam Assembler

Zeman, an Austrian-based steel construction company, has developed fully automated steel beam processing based on its corrugated web beam technology invented 12 years ago. The fully automated line allows fitting and welding any type of steel girders with splice and base plates as well as joints and stiffeners without manual intervention. Industrial robots are used to handle all positioning, assembly and welding tasks. The robots are directly controlled from the design department; CNC data are extracted to machinery interface. The result is profoundly shortened throughput times—the typical production time for assembly and finish-welding of a ton of steel is shortened by as much as 85%. Additional advantages include:

- Highest precision and continuous quality
- Reduced need for highly trained personnel
- Considerable space saving in the area of assembly
- More efficient use of energy
- Reduced noise
- Less material waste

The Steel Beam Assembler is 207 ft long, 44 ft wide and 20 ft high. It produces beams from 13 ft to 52 ft in length and from 8 in. to 62 in. high with flanges from 4 in. to 20 in. wide.

For more information, go to www.zebau.com, or visit booth 436 at the 2010 NASCC: The Steel Conference.



Fit-up Roller Bed

ESAB Welding & Cutting Products' FUB 30 roller bed for fit-up of sections features a robust design to withstand the rugged environment in the welding industry. Designed to assemble 1+1 sections, the system is fast and easy to assemble. Each set consists of one power and one idler roller bed with four independently adjusted rollers to align the two sections with each other. The roller bed and the rollers are mounted on one main frame. The FUB 30 is ideal for use in fabricating large vessels, wind towers and pipemills. It offers a maximum load of 30 tons with roller speeds of 130-1295 mm/min. Other features include steel rollers with polyurethane tires, an inverter-style drive control and a remote pendant with push buttons.

For more information go to www.esabna.com, call 800.372.2123, or visit booth 1012 at the 2010 NASCC: The Steel Conference.



Structural Expansion Bearings

Fabreeka offers a full complement of bearing pad products for all types of building and construction applications, including its line of structural expansion bearings and piping and bottle restraints. The company manufactures a variety of products for reducing impact shock and vibration in the building and construction and petro-chemical industries. Its pads and expansion bearings also are used to reduce stresses and loads in supporting structures.

More information is available at www.fabreeka.com, by calling 800.322.7352, or by visiting booth 1225 at the 2010 NASCC: The Steel Conference.

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 e-mail to Tom Klemens (klemens@modernsteel.com). To be included in MSC's online products directory, contact Louis Gurthet (gurthet@modernsteel.com).