

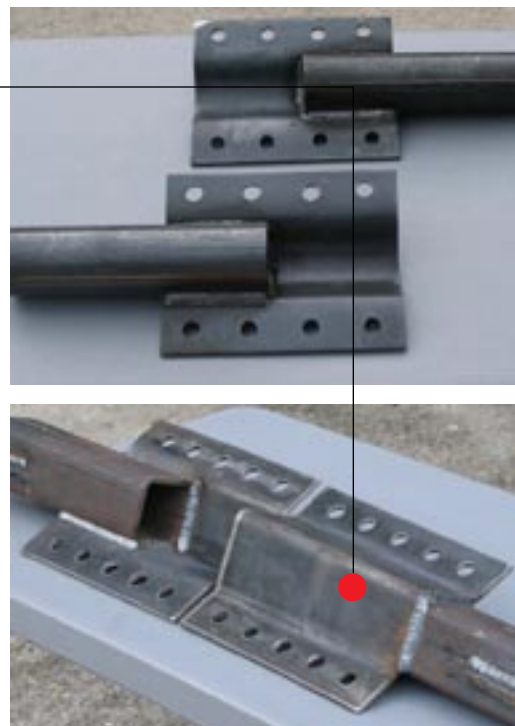
new products

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.

Mid-member Connection for HSS

A joint system developed by Tony Gee International provides a reliable method for making mid-member HSS connections in the field. The patented, cost-effective joint provides a full-strength tension, compression, shear and bending connection (independent test results available on request) between circular, square and rectangular sections. Each joint consists of a pair of pre-formed plates, one welded to the end of each HSS to be connected with half the length of the plate projecting beyond the end of the member. Bring the ends of the two HSS together with the plates opposed, install the bolts, and the joint is complete. All welds are simple, downhand fillet or groove welds requiring no special preparation. Additionally the HSS ends do not require preparation as they would if they were being welded end to end with a full-penetration weld.

For more information on licensing or the provision of detailed drawings, call 850.894.3857.



Plasma Cutter

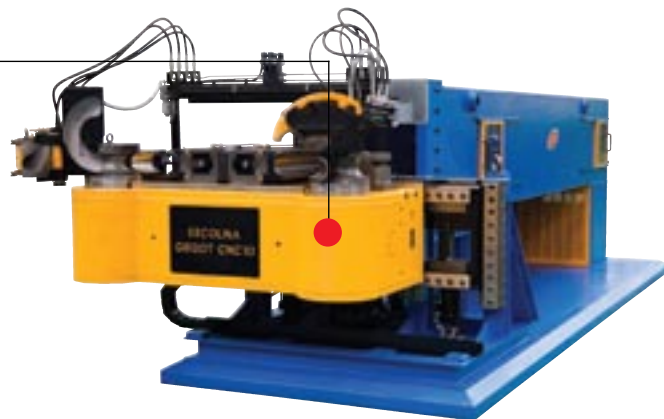
The HPLC CNC Plasma Cutter Series from Techno, Inc., is a low cost, operator-friendly machine designed for small to mid-sized shops. Features include ease of operation, built-in automatic system functionality, and overall system flexibility. The company has been manufacturing high-speed CNC router equipment for more than 20 years, and is using the same heavy-duty welded steel and precision drive system for the HPLC. The plasma cutter is available in three standard table sizes, which can handle up to 1¼-in.-thick material.

For more information visit www.techno-isel.com/CNC_Routers/plasma.htm or call 800.819.3366.

Fully Automated 10-Axis Mandrel Bender

The Giga Bender series of CNC mandrel benders from Ercolina includes the GB130 Twin Head which offers right and left hand bending about as many as 10 axes and has a maximum pipe capacity of 4-in. Schedule 40 A53 pipe. Designed for industrial bending of tube, pipe, square and rectangular profiles to center line radius as small as 1.5D, its operator-friendly control offers easy-to-use auto and manual operating modes, system diagnostics and multiple language capability. A convenient USB interface permits unlimited program memory storage and communication. The interactive color touch screen displays absolute (ABS) or incremental (INC) positioning with inch or metric readout.

For more information, visit www.ercolina-usa.com or call 563.391.7700.



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).