In 2005, we were the first to apply fiber laser technology to a stand-alone cutting system for sheet metal and plate.

**FIBER LASER SYSTEM CY2D L4020**
- New and more compact design
- Access to working area on both sides
- Left or Right End loading layout in order to optimize production flow
- EVO III, the most advanced cutting head in the fiber laser industry
- Interfaces with Material Load and Unload systems

**CY LASER ADVANCED AUTOMATION**

Your laser only makes money when the beam is on...

...and the best way to keep your beam on making money is CY Laser Automation

**FIBER LASER SYSTEM CY2D S3015**
- Compact layout, to optimize floor space
- EVO III, the most advanced cutting head in the fiber laser industry

**LASER TUBE CUTTING SYSTEMS CYT5 / CYT9**
- Interfaces with Material Load and Unload systems
- EVO III, the most advanced cutting head in the fiber laser industry

**WORKPIECE RANGE**

<table>
<thead>
<tr>
<th>Workpiece Type</th>
<th>Diameter (mm)</th>
<th>Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round Pipe</td>
<td>Min: 16mm</td>
<td>Max: 120mm</td>
</tr>
<tr>
<td>Square Pipe</td>
<td>Min: 16x16</td>
<td>Max: 100x100</td>
</tr>
<tr>
<td>Rectangular</td>
<td>Min: 16x20</td>
<td>Max: 120x70</td>
</tr>
</tbody>
</table>

**SLAT CLEANER RHINO HAMMER**

The Rhino Hammer makes removing tabbed parts much easier after they are cut. It uses shop air to create impact vibration that breaks the tab loose, leaving the finished parts in good condition. A unique polyurethane tip handles the air pressure necessary for removal of parts.

**SPECIFICATIONS:**
- Power: 7Amp 120V single phase
- Weight: 44 lbs.
- Overall Length: 87"
- Slat Thickness: .075 – .250"
- Two Models: Min. spacing between slats, 1.0" and 1.75"

**CALL US FOR ALL YOUR MACHINERY AND CONSUMABLE NEEDS**

1.866.995.9910

www.fmscanada.ca
PLATE PROCESSING
FICEP manufactures a complete line of structural steel and plate fabrication systems, including drill lines, angle lines, CNC plate processing centers, CNC beam coping, plate duplicators, CNC band saws, material handling systems, and CNC pipe cutting systems.

CNC BEAM DRILL LINES
Automatic CNC drilling, drilling & band sawing, drilling & coping lines for sections in one machine. The three spindles are each equipped with a new additional sub axis that allows independent control of the spindles over a 9-7/8" stroke in the longitudinal axis. The sub axis, in conjunction with the robust HSK-80 tool holders, permit such operations as helical milling, pocketing, the creation of weld prep, rat holes, coping and the creation of slots at unbelievable speeds as the section is securely clamped during the milling process since the spindles move independently to the required geometry.

BALLSCREW PRESS BRAKES
Dener Ball Screw Press Brakes are no-hydraulic, flexible, reliable and advanced bending machines. Next generation machine idea combines green-eco friendly machines productivity, accuracy, flexibility and reliability. The new concept offers low power consumption, less maintenance, no hydraulic oil for operation. Ball Screw Press Brake comes with advance CNC controller, fast and accurate punch and die clamping multi axis back gauge system. Range 20 – 40 Tons.

SERVO ELECTRIC PRESS BRAKES

RAZ AUTOMATIC CNC THERMAL COPING LINES FOR STEEL SECTIONS
The FRC addresses the various thermal cutting requirements for copes, holes, and cutting to length as well as the automatic layout of sections for subsequent fitting and welding. The Ficep robot incorporates a quick change tool changer that switches from the plasma torch to the oxy-torch when required for cutting close to the flange, for example, in a second or two. Even within the same section, both torches can be used and selected automatically by the software to utilize the most productive process.

HYDRAULIC PRESS BRAKES
DENER PUMA XL is a synchronized hydraulic press brake with a 3D Graphical CNC controller and offers simple operation, quick and easy 3D or numerical part programming, easy setup of the machine, and auto calculation of the bend sequence. 3D and DXF programming feature with ESA S 660 W Controller. DENER SMART XL CNC is a synchronized hydraulic press brake with numerical CNC controllers. It offers simple operation, quick and easy part programming, easy setup of the machine, auto calculation of the bend angle, and backgauge correction. The 2D offline programming feature of the ESA 630 Controller gives possibility to end users to complete bending programs on Office PC and transfer to machine by LAN or USB. Range 40 – 2000 Tons.

TOTAL EDGE PREPARATION SOLUTIONS
- Pneumatic and electric portable edge prep milling machines
- Portable grinding machines
- High speed stationary milling machines
- Pipe beveling machines
- Portable shearing machines
- Abrasive belt plate and pipe beveling machines
- Large bevel and radius edge mills

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