

# MAXIMIZE YOUR MANPOWER

## HELP WANTED

**Need reliable employees that show up...**  
Every day? On time? Ready to work?

**Qualified workers are becoming more and more scarce.** So use your personnel to their fullest potential and hire RIBS (Robotically Integrated Bending Solutions) to do the dirty, repetitive and dangerous work on your press brake system. Robots produce more consistent quality products and work for longer periods, so you reduce costs and become more globally competitive. Retrofit or build a new solution. Add a robot to your team and watch your revenue grow.



Securing the needed labor force to maintain a fabrication facility continues to be a **MAIN CHALLENGE** for fabricators.

**Within the production process, robots limit the potential for human error and consistently produce a high quality part.**



Robotic systems can allow employees to stay focused on **quality and throughput** instead of maintenance and manual operations. It's not about replacing workers, but using workers for more important tasks, letting the robots handle the repetitive work.

**Increasing the utilization and minimizing the cost to operate your press brake will drive positive ROI** that you can reinvest in retaining customers, into gaining new business as well as developing a better working environment for your people.

# { 2 MILLION }

## unfilled mfg jobs

Over the next decade, nearly 3½ million manufacturing jobs will likely be needed, and 2 million are expected to go unfilled due to the skills gap.\*

\*Source: Deloitte and the Manufacturing Institute

**Acieta provides a wide range of cutting-edge robotically automated solutions and services customized for the unique needs of manufacturing applications.** For the last 30 years, we have integrated more than 4,000 automation systems for customers across North America.

**Contact us today to learn how to cure your labor pains with automation!**



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# ROBOTICALLY INTEGRATED BENDING SOLUTIONS

## INCREASE PRODUCTIVITY. DECREASE COSTS.

Robotic Integrated Bending Solutions (RIBS) cells improve press brake productivity with consistency, accuracy and reduction in set up time.

Maintaining status quo is not an option for fabricators that struggle to secure quality labor to maintain production schedules and rising cost pressures associated with capital, material, labor and benefits.

### VERSATILITY

- Fully integrated robotic forming cell
- Retrofit all brands of press brakes
- Retrofit NEW or EXISTING brakes in your shop
- Sizes to support parts from ounces to 100's of pounds
- Built to suit the customer floor plan (add sorting, welding, etc.)

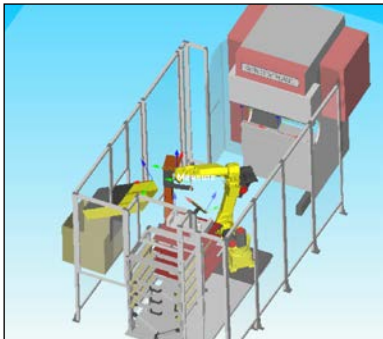
### PRODUCTIVITY

- Improved part quality
- Incorporate additional processes (marking, deburr, polish, etc.)
- Inbound/outbound flow configured to suit customer needs
- Optional press brake tool changer
- Optional robotic gripper changer
- Unattended operation
- Predictable operation allows predictable lead-times

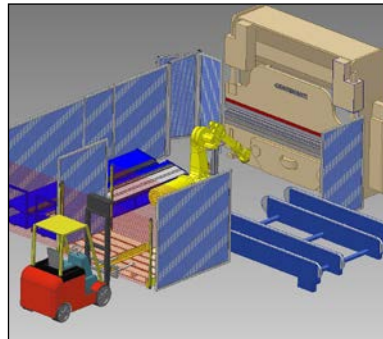
### SAFETY

- Standard or customized EOATs (End of Arm Tools) suction or magnetic, to suit application
- Fast and easy handling of large, heavy and cumbersome parts
- No hand injuries from forming small parts, too close to the tooling

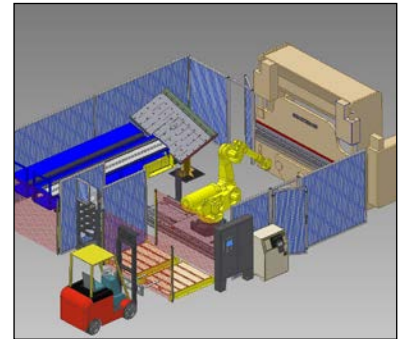
### RIBS 1



### RIBS 2



### RIBS 3



Note: Images are examples of custom configurations.

PLATFORM	RIBS 1	RIBS 2	RIBS 3
Robot mounting	LM (Standard robot/base offering)	Pedestal	RTU (Robotic Transport Unit)
Robot weight capacity	Small, ≤ 44 lbs	Medium, up to 450+ lbs	Medium/large, up to 450+ lbs
Part size range	Small	Small/medium/large	Up to very large
Typical brake capacity	40-60 tons	80-200 tons	175-500 tons, and up
Typical inbound	Drawer stand, belt	Drawers, belt, pallet	Pallets, carts, conveyors
Typical outbound	Chute, skids, tubs	Pallets, carts, conveyors	Pallets, carts, conveyors

Contact us today to take the pain out of your labor shortage!



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