



SOFTWARE | LASERS | AUTOMATION | PRESS BRAKES | SHEARS | PM PRESSES

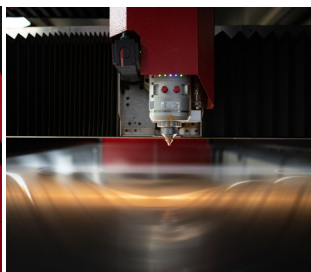
PRODUCT CATALOG

Machines for those who take pride in what they make.





The CLX is a fiber laser that has a wide range of power from 5kw to 15kw, meaning it can handle all kinds of material types and sizes. The hardware-based back-reflection protection allows the processing of even the most reflective metals with no interruptions or damage to the laser. It also incorporates a modular slat design which maximizes vertical strength and minimal changeover, making debris removal quick and easy!



POWER SOURCE

5kW, 8kW, 10kW, 12kW, 15kW
(Programmable mode shaping)

TABLE SIZES

3015 (5' x 10'), 4020 (7' x 13')

CONTROL

Beckhoff Industrial PC running Windows®
10 lot Enterprise with Dual 22" touchscreen
Monitors, Standard Nesting at the control

MOTION SYSTEM

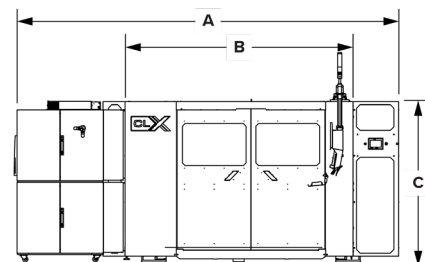
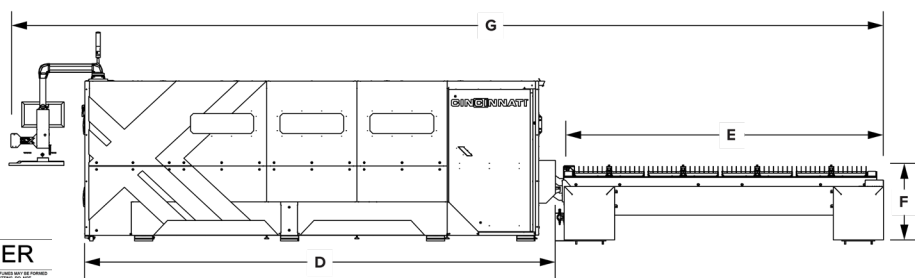
High-Speed Helical Drives

GAS ASSIST

HP Air, N2 Generation, & Mixed Gas
Systems Available

5kW, 8kW, 10kW, 12kW, 15kW
(Corona available on all wattages)

Pallet Dimensions	3.0m x 1.5m	2m x 4m
A	190.3" (4,834 mm)	209.2" (5,314 mm)
B	106.2" (2,697 mm)	124.9" (3,172 mm)
C	87.5" (2,223 mm)	87.5" (2,223 mm)
D	220.3" (5,596 mm)	257.8" (6,548 mm)
E	137.7" (3,498 mm)	175.7" (4,463 mm)
F	40.5" (1,029 mm)	40.5" (1,029 mm)
G	404.2" (10,267 mm)	479.5" (12,179 mm)
Weight	24,500 lbs (11,113 kg)	29,500 lbs (13,381 kg)





CL900

With a high-resolution touchscreen control, multiple available light source options, and a linear motor drive system for speed and accuracy—this laser will help you work faster than ever before. Plus, it has a dual pallet configuration that lets you load two different materials at once! This laser is an industry workhorse with positioning accuracy @ +/- .001" over the entire cutting range!



POWER SOURCE

5kW, 8kW
(Programmable mode shaping)

TABLE SIZES

5' x 10' (1.5m x 3m), 6.5' x 13' (2m x 4m)

CONTROL

Windows® Touchscreen, Standard Nesting at the control

MOTION SYSTEM

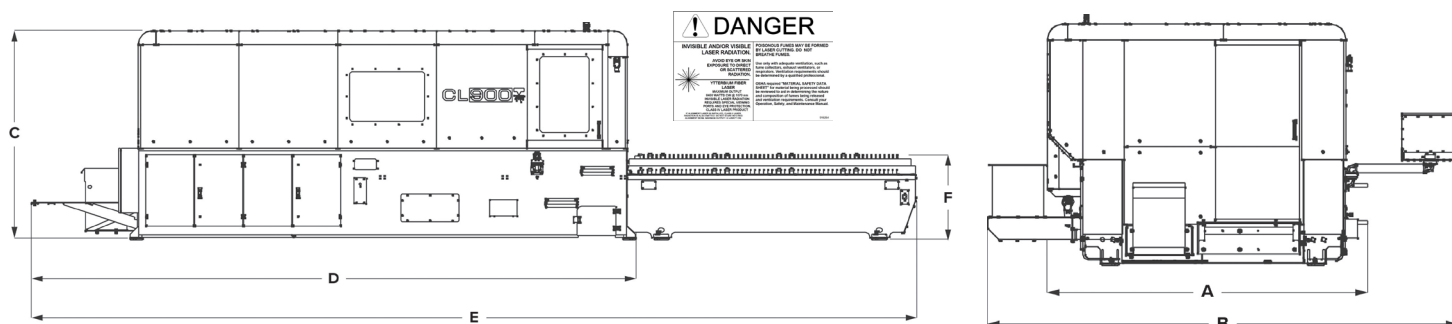
Linear Motor Drives

GAS ASSIST

HP Air, N2 Generation, & Mixed Gas Systems Available

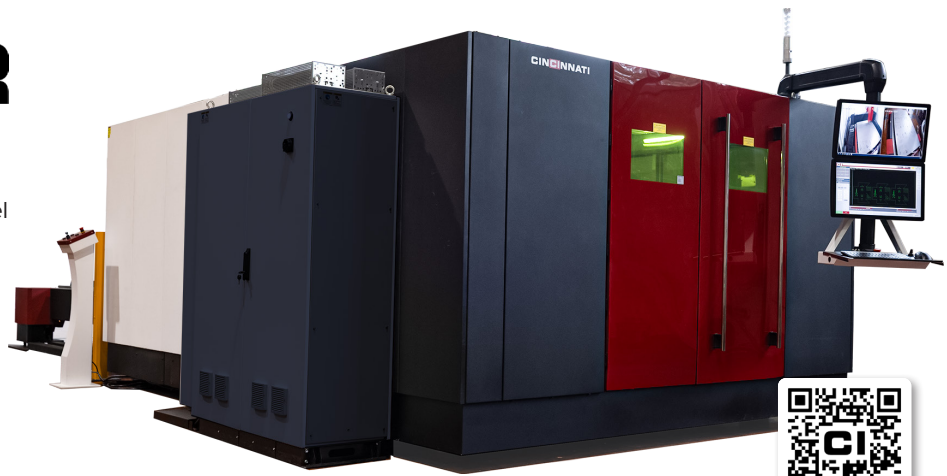
5kW, 8kW

Pallet Dimensions	3.0m x 1.5m	2m x 4m
A	124.3" (3,157 mm)	143.2" (3,637 mm)
B	189.2" (4,806 mm)	208.2" (5,288 mm)
C	96" (2,438 mm)	96" (2,438 mm)
D	261" (7,137 mm)	323.5" (8,217 mm)
E	387" (9,830 mm)	468.2" (11,892 mm)
F	39.6" (1,006 mm)	39.6" (1,006 mm)
Weight	31,950 lbs (14,492 kg)	37,400 lbs (16,964 kg)

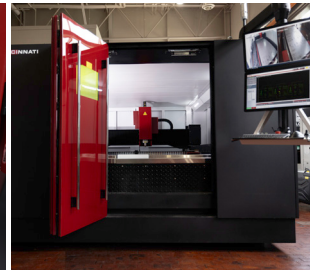
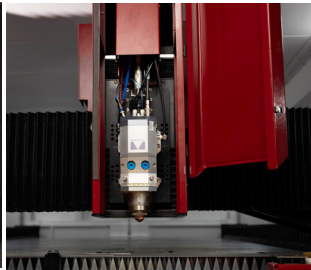


CI FIBER

Elevate your fabrication capabilities with the CI Fiber, Cincinnati Incorporated's newest entry-level fiber laser. Designed for shops ready to embrace the future of metal cutting, the CI Fiber delivers exceptional performance, unwavering reliability, and the renowned support you expect from Cincinnati Incorporated.



SCAN TO
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POWER SOURCE

5kW, 8kW

5kW, 8kW

TABLE SIZES

3015 (3.0m x 1.5m), 4020 (4.0m x 2.0m)

CONTROL

Windows® Dual Touchscreen, Standard Nesting at the control

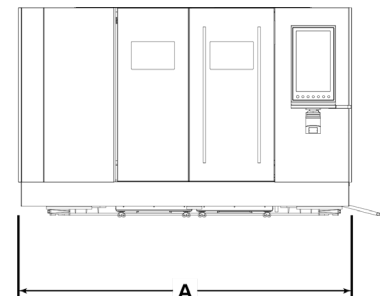
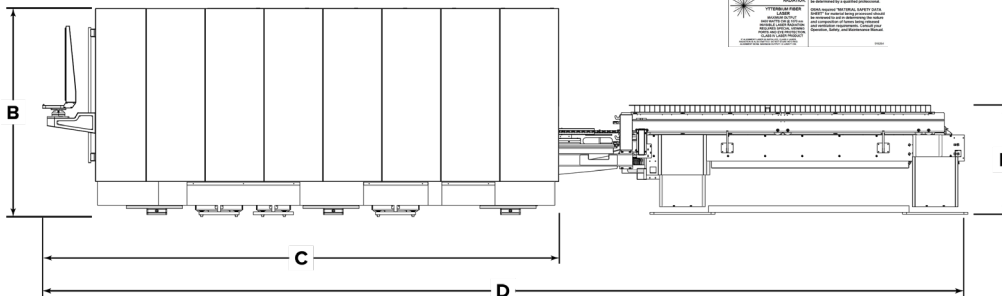
MOTION SYSTEM

Rack and Pinion Drive

GAS ASSIST

HP Air, N2 Generation, & Mixed Gas Systems Available

Dimensions	3015 (3.0m x 1.5m)	4020 (4.0m x 2.0m)
A	130" (3290 mm)	150" (3800 mm)
B	82" (2,075 mm)	94" (2380 mm)
C	203" (5,145 mm)	262" (6650 mm)
D	363" (9,223 mm)	435" (11050 mm)
E	39" (980 mm)	39" (980 mm)

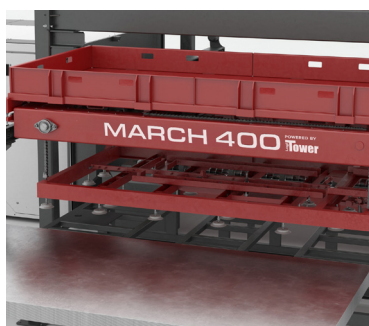
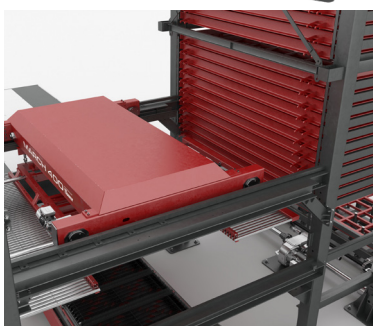
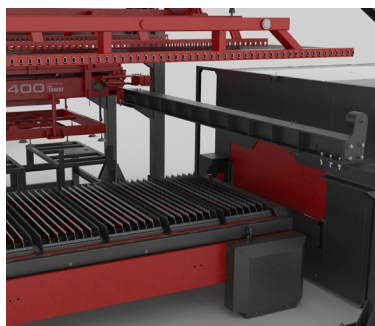




MARCH 400

POWERED BY LogiTower

Discover the revolutionary MARCH 400, powered by LogiTower, is a cutting-edge solution designed to transform your Sheet Metal Handling process. Leveraging automation, this innovative system efficiently handles the loading of sheet metal directly from a stack or an automated tower storage system, seamlessly feeds it into CI's fiber lasers for cutting, and manages the unloading of finished components.

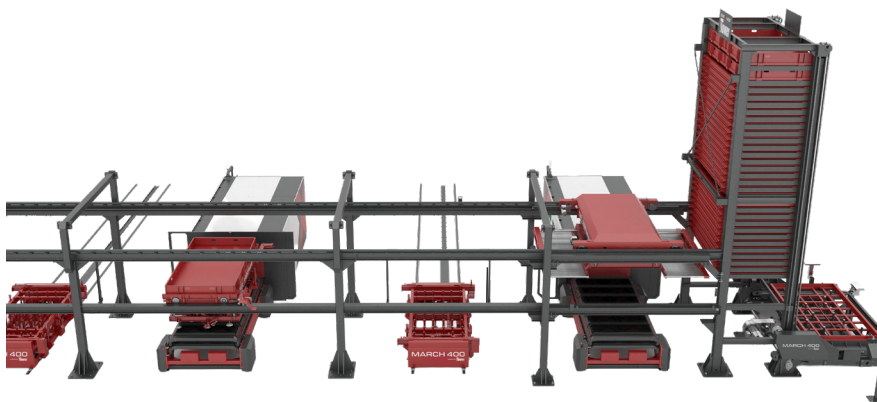


Supports 3015 and 4020 laser systems.

Independent Loader and Unloader movement for quicker processing times.

Modular design allows expansion from a simple load/unload to multiple lasers and storage towers.

Automate finished parts handling by adding automated unloading carts and belt conveyor option.



The March 400 automation solution from Cincinnati Incorporated elevates your laser system to the next level in production efficiency. The March 400 is a modular system which can expand in capability as your production needs increase. A minimal floor space, simple load unload system can grow over time to a full warehouse system providing multiple lasers with access to dozens of raw material resources as well as numerous finished parts processing options. March 400 offers the right amount of automation to meet your production goals

XFORM

The XFORM is the next generation of CINCINNATI press brakes. With its all-new hydraulic drive system, built using CI's proven and reliable premium construction ensures reliable and long life. Now with faster ram speeds, a quieter drive system, larger control screen, larger standard stroke and throat, and a standard 5-axis backgauge the XFORM brings even more productivity to your fabrication operations.



XFORMe

HYBRID

The XFORMe offers industry leading speeds and comes in a wide range of tonnages as well as **energy and oil savings**.

Optional Premium Features

6-Axis Backgauge	Rear and Front Camera Package
Angle Measuring System	Programmable Crowning
Dual Monitors	Power Clamps
WiFi	Sheet Following System

Evolving upon the high-performing and trusted Maxform, Autoform+, AutoformX and Proform+ models, the XFORM provides advancements and faster speeds in a wide range of tonnages.

Model	Die Surface (ft.)	Die Space (in.)	XFORM			XFORMe		
			App Speed (ipm)	Forming Speed (ipm)	Return Speed (ipm)	App Speed (ipm)	Forming Speed (ipm)	Return Speed (ipm)
60XF4	6	11	270	120	290	-	-	-
90XF6	8	14	650	75	565	550	70	550
90XF8	10	14	650	75	565	550	70	550
135XF8	10	14	650	55	540	550	70	550
135XF10	12	14	650	55	540	550	70	550
175XF8	10	16	550	45	485	550	70	550
175XF10	12	16	550	45	485	550	70	550
230XF10	12	16	550	35	430	550	55	550
230XF12	14	16	550	35	430	550	55	550
350XF10	12	16	300	30	330	350	35	300
350XF12	14	16	300	30	330	350	35	300

CUSTOMIZABLE Need a custom press brake? The XFORMc offers a complete and **customized experience** based on your unique needs.



LARGE PRESS BRAKES

CI 400-2000 ton press brakes provide productivity, repeatability, long-term reliability, and the flexibility to meet changing requirements. Single or tandem configurations are available. In a tandem configuration two machines are synchronized to stroke together to form long parts. Tandem machines can also be operated independently to increase productivity on shorter parts.

- CNC Plate Gage available
- Optional Power Clamping
- Optional CNC Crowning
- 400 - 2000 Tons
- Available in Proform and Autoform models

Available with custom, closed height, stroke, throat, bed and ram widths

Model	Overall Lengths (ft)	Die Space (in)	Throat Clearance from Die Centerline (in)	Ram Speeds (ipm)			Ram Repeat (+/-) (in)
				Approach	Forming	Return	
400PF*	12, 14, 16, 18, 20	12	10	167	1 to 36	1 to 164	0.001
400AF	14, 16, 18, 20			260	1 to 55	1 to 256	0.0004
500PF*	12, 14, 16, 18, 20	12	14	143	1 to 29	1 to 146	0.001
500AF	14, 16, 18, 20			220	1 to 44	1 to 225	0.0004
600PF*	12, 14, 16, 18, 20, 22, 24	12	14	107	1 to 24	1 to 100	0.001
600AF	14, 16, 18, 20, 22, 24			165	1 to 36	1 to 155	0.0004
750PF*	12, 14, 16, 18, 20, 22, 24	12	14	94	1 to 19	1 to 89	0.001
750AF	14, 16, 18, 20, 22, 24			145	1 to 29	1 to 138	0.0004
1000PF	16, 18, 20, 22, 24	12	14	134	1 to 27	1 to 122	0.001
1000AF				104	1 to 21	1 to 95	0.0004
1250PF	16, 18, 20, 22, 24	12	16	100	1 to 21	1 to 89	0.001
1250AF				77	1 to 16	1 to 69	0.0004
1500PF	16, 18, 20, 22, 24	12	18	71	1 to 18	1 to 63	0.001
1500AF				55	1 to 13.5	1 to 48	0.0004
2000PF	Consult Factory	18	20	54	1 to 13	1 to 54	0.001
2000AF				41	1 to 10	1 to 42	0.0004

*Hydraulic speed package available up to 750 tons offering approximately twice the speed.

Available Backgages:

Plate Backgage

**ELECTRIC****GO FORM**

- $\pm 0.0002"$ Ram Repeatability
- Power On-Demand
- 6xGX Backgag
- Quick Clamp System
- Optional Angle Measuring



Tonnage	Overall Lengths (in)	Die Space (in)	Throat Clearance from Die Centerline (in)	Overall Height (in)	Ram Speeds (ipm)			Ram Repeat (+/-) (in)
					Approach	Forming	Return	
40	40	10	8	98	400	5 to 60	1 to 400	0.0002
60	40, 60	10	8	98	350	5 to 40	1 to 350	0.0002

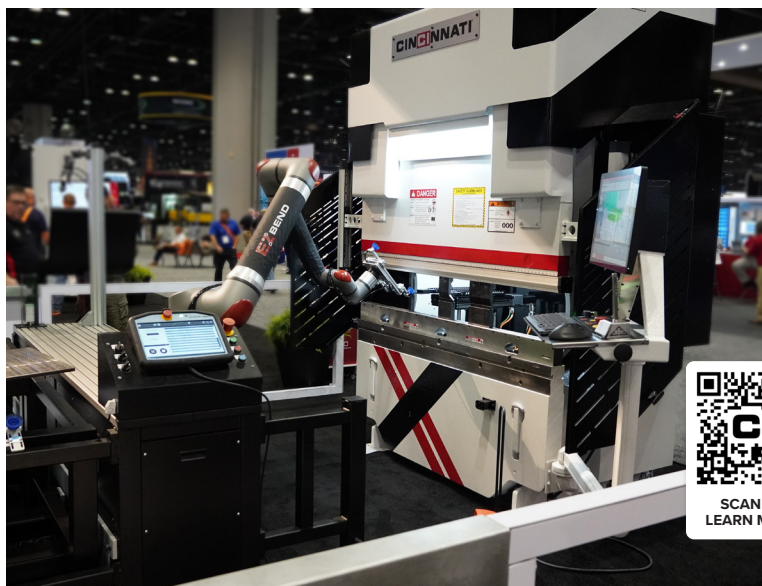
Available Backgages:**6xGX****HYDRAULIC**

- $\pm 0.0004"$ Ram Repeatability
- Quick Clamp System
- Optional 5-axis Backgag
- 24" HMI Touchscreen Display



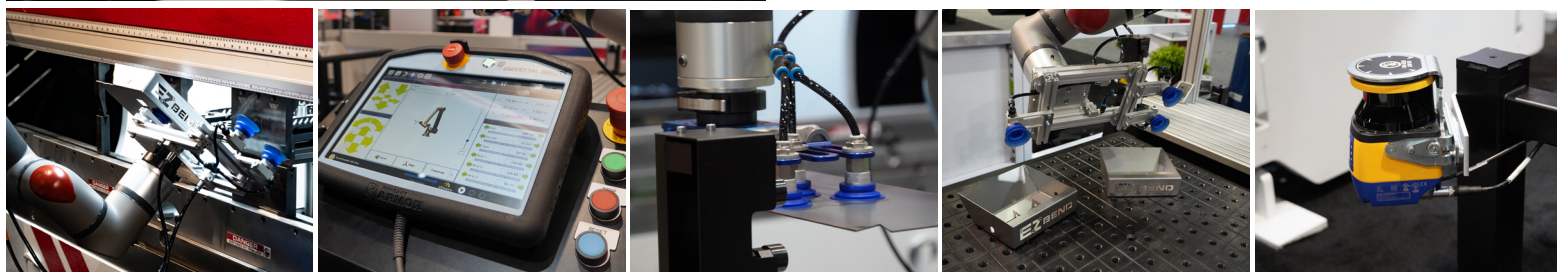
Tonnage	Overall Lengths (ft)	Die Space (in)	Throat Clearance from Die Centerline (in)	Overall Height (in)	Ram Speeds (ipm)			Ram Repeat (+/-) (in)
					Approach	Forming	Return	
90	10	8	16	100	400	10 to 24	80 to 240	0.0004
175	12	10	16	113	300	10 to 24	80 to 190	0.0004

Available Backgages:**Heavy Duty Backgag, 5x Backgag**



EZ BEND

EZ Bend is a game-changing solution for manufacturing processes, offering the ability to seamlessly move from press brake to press brake. With its turn-key operation, EZ Bend simplifies the production workflow, saving time and resources. Its user-friendly interface makes it easy to learn and operate, ensuring a smooth and efficient operation for even the most complex bending tasks. Whether it's adapting to changing production needs or streamlining operations, EZ Bend provides the flexibility and convenience needed to meet the demands of the modern manufacturing industry.



PAYLOAD

25 kg (55 lbs) in the entire workspace

REACH

1750 mm (68.9 in), 6 rotating joints

PROGRAMMING

12 inch touchscreen with PolyScope graphical user interface

POWER CONSUMPTION (AVERAGE)

Maximum power: 750 W

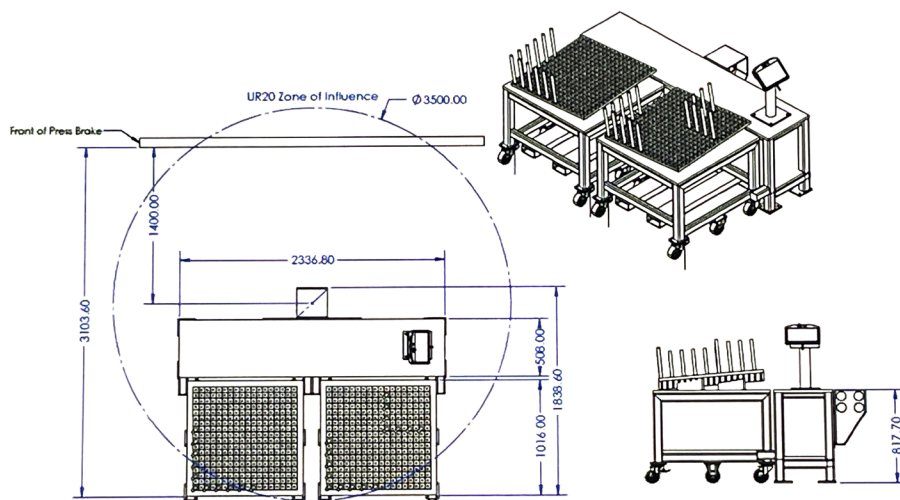
Moderate operating settings: 500 W

SAFETY FUNCTIONS

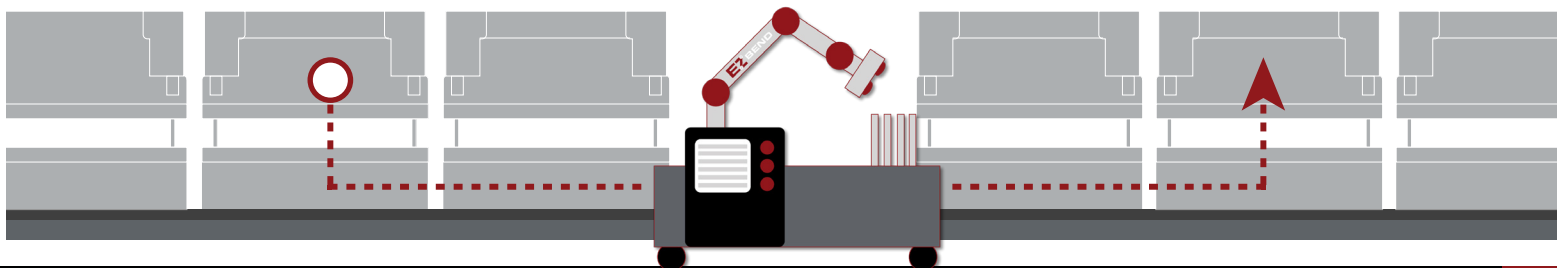
17 configurable safety functions

CERTIFICATIONS

EN ISO 13849-1, PLd Category 3, and EN ISO 10218-1



EZ Bend is engineered with the unique capability to seamlessly transition between press brakes, offering unparalleled flexibility in positioning according to your operational needs. This mobility enhances workflow efficiency and optimizes your production layout.





HS SERIES

HS SERIES HYDRAULIC SHEAR

- 1/4" to 3/4" Capacity
- Up to 12' Lengths
- Touchscreen Control



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Machine Model	Mild Steel Capacity	Max. Cutting Length (in.)	Distance Under Holddown Guard (in.)	Gage Range		Strokes/Minute	Approx. Shipping Weight (lbs)
				Front (in.)	Back (in.)		
250HS8	1/4"	98.75	0.50	55	48	50	15,600
250HS10	1/4"	122.75	0.50	55	48	45	16,600
250HS12	1/4"	146.75	0.50	58.5	48	45	17,600
375HS12	3/8"	146.75	0.63	63.5	48	45	25,000
500HS12	1/2"	146.75	1.0	58.9	48	30	28,600
750HS12	3/4"	146.5	1.5	59	48	25	39,600



G SERIES

G SERIES MECHANICAL SHEAR

- 1/4" Capacity
- Up to 12' Lengths
- Digital Gage Control

Machine Model	Mild Steel Capacity	Max. Cutting Length (in.)	Distance Under Holddown Guard (in.)	Gage Range		Strokes/Minute	Approx. Shipping Weight (lbs)
				Front (in.)	Back (in.)		
1806RG	1/4"	74-1/4"	1/2"	51-1/2	48	60	11,600
1810G	1/4"	122-1/4"	1/2"	54-1/2	48	60	16,500
1812G	1/4"	146-1/4"	1/2"	58-1/2	48	60	20,500

POWDERED METAL PRESSES

RIGID REFLEX COMPACTING PM PRESS

Rigid Reflex Compacting Presses feature a rugged design perfectly suited for long run and high speed production of a wide range of parts. These presses can produce parts up to 4 lower and 2 upper levels.

PARTS MAKER COMPACTING PM PRESS

Parts Maker Compacting Presses can produce parts with 3 lower and 2 upper levels. Key features include withdraw floating die pressing motion, precision accurate guiding and CNC controlled feed shoe.

POWER DIE CHANGE COMPACTING PM PRESS

Power Die Change Presses dramatically speed job changeover allowing die sets to be changed in less than 10 minutes. This makes the CI PDC ideal for small-lot processing.

FAST SET-UP COMPACTING PM PRESS

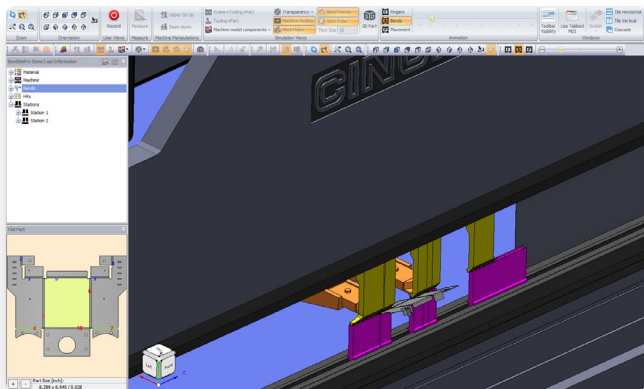
Fast Set-up Presses accept die sets with 1, 2 or 3 moving platens and produce parts with up to 4 lower and 2 upper levels. Features include computer control over critical part functions and fast setup capabilities with a removable die set.

RIGID RESTRIKE RESTRIKE & SIZING PM PRESS

Rigid Restrike presses are designed for coining, calibration and sizing. These presses feature a rigid structure to minimize deflection, automatic dial feeder, built-in precision guiding and adjustments, part probes and built-in checks.

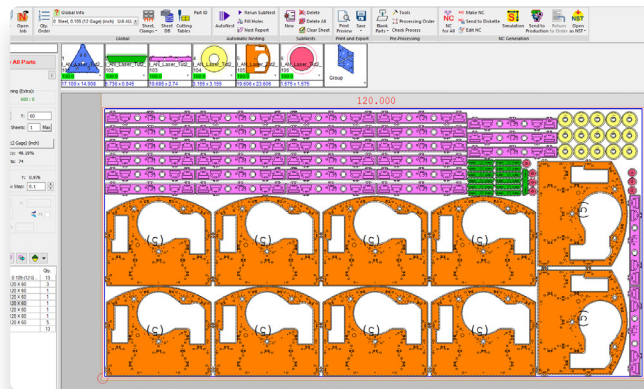


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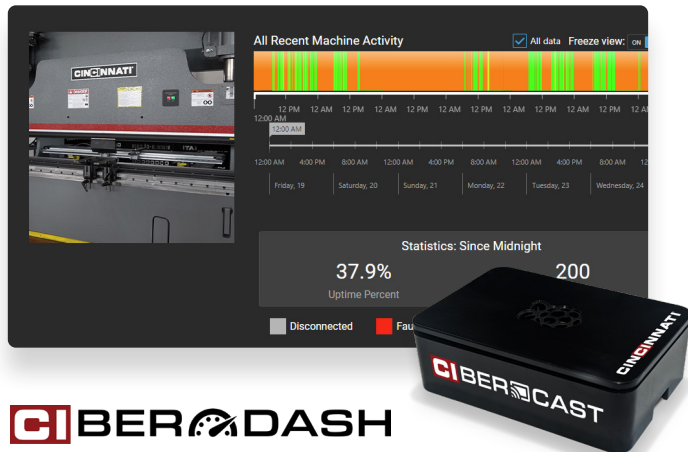
BENDSIM PRO

- Flat file import (DXF, DWG)
- 3D file import (SLDPRT, STEP, SAT, IGS, X_T)
- Built-in Unfolder capability
- 2D CAD flat creation and editing
- Simulated automated tooling choice and station placement
- Simulate forming of the 3D part with advanced capabilities
- Click and drag finger movement
- Set up sheets with “turn by turn” graphics
- Automatically create the program for your chosen/preferred simulation
- Automated batch processing of solids or “smart flats”
- Flat file export to ensure proper blank sizing



NESTING PRO

- Flat file import (DXF, DWG)
- 3D file import (SLDPRT, STEP, SAT, IGS, X_T)
- Built-in Unfolder capability
- 2D CAD flat creation and editing
- Automatic true shape part nesting for optimal material utilization
- Selectable time limitation for nesting
- Advanced common line cutting
- Fly cutting routines
- Rules-based tabbing
- Rules-based slug destroy
- Job quoting and estimating

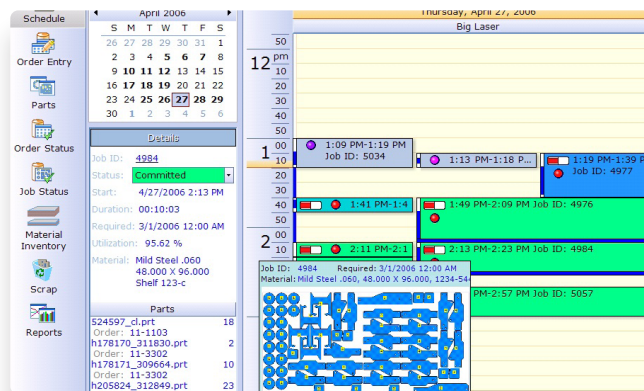


CIBERDASH

Whether this is your first foray into Industry 4.0 and the Industrial Internet of Things (IIoT) or you're an industry expert, CiberDash is here to help. CiberDash provides real-time insight into all your CI machines.

CIBERCAST

CiberCast is a low cost, low maintenance, dedicated device that provides an easy and inexpensive way to display your machine data on video monitors located throughout your manufacturing facility.



SCHEDULER

- Schedules and nests parts on one or more CI lasers
- Prioritizes jobs by due dates
- User-friendly calendar interface
- Import multiple orders at once
- Quickly Identify gaps or excess capacity in workflow
- Color-coding system automatically groups jobs with similar lens/nozzle to facilitate unattended operation
- Adjust schedule for shifts, lunch, and maintenance requirements, and more



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CINCINNATI®

7420 Kilby Rd., Harrison, OH 45030
(513) 367-7100 | info@e-ci.com | www.e-ci.com