

CRB2™

## AUTOMOTIVE CRB2™

### Cylindrical Radius Bender System

Glasstech's CRB2 is a high productivity version of CRB1, designed to meet customer requirements for simplicity, ease of operation and repeatability for forming flat glass into simple cylindrical shapes. Automotive doorlites can be produced economically on CRB2 as a result of high throughput, short changeover times and because no part-dedicated tooling is required.

### The Glasstech CRB2 System

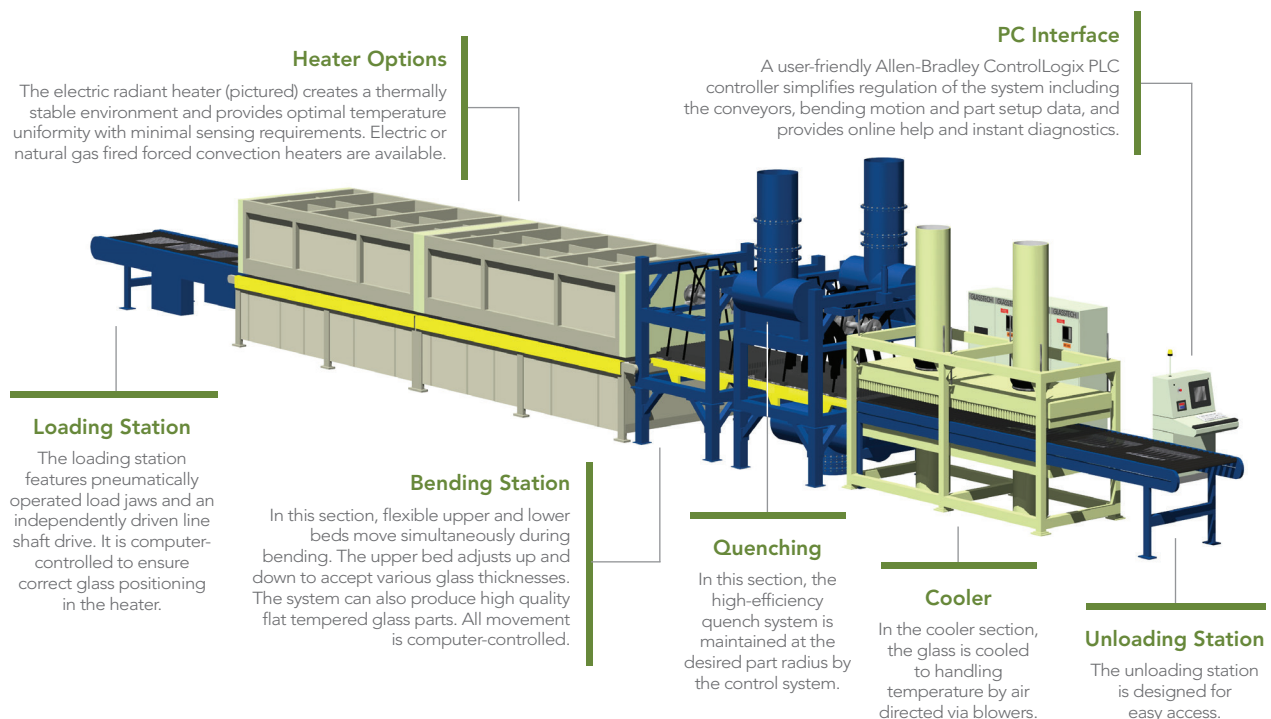
- Processes 3.0mm to 6.0mm (.118" to 1/4") thick glass parts
- Produces up to 480 loads per hour depending on glass thickness
- Can change shapes in as little as 15 seconds
- Forms glass without part-dedicated tooling
- Achieves superior quality optics
- Meets international fracture standards
- Produces high quality bent and flat tempered glass parts
- Can produce thin heat-strengthened parts for subsequent lamination

The CRB2 system is available in a width of 915mm (36") and features a bending/quenching section with upper and lower flexible beds, which allows the system to bend glass to a minimum radius of 890mm (35"). When bending is complete, the glass is quenched by a high-efficiency quenching system incorporated into the flexible bed. This system can process parts up to 1.2m (3.9') long.

Production is controlled by a user-friendly Allen-Bradley ControlLogix™ PLC controller. Setups can be stored and recalled, permitting changeover times of 15 seconds for glass of the same thickness, and only 5 minutes when changing between glass of different thicknesses.

Glasstech CRB systems form high quality cylindrical parts to exacting tolerances with the highest level of uniformity. The glass produced meets both automotive and architectural standards.

Glasstech's modular design combines total system flexibility and adaptability with impressive economy of operation.



## AUTOMOTIVE CRB2™ TECHNICAL FEATURES

Production Capability – Loads/Hour								
CRB2 915mm Wide System	3mm ECE R43 Part Length*	3mm Z97.1 Part Length	4mm ECE R43 Part Length*	4mm Z97.1 Part Length	5mm ECE R43 Part Length	5mm Z97.1 Part Length	6mm ECE R43 Part Length	6mm Z97.1 Part Length
		1.0m	1.0m	1.0m	1.0m	1.0m	1.0m	1.0m
36" x 60'	375	375	285	285	230	230	190	190
36" x 100'	480	480	480	480	360	360	240	240
Maximum Single Part Size (mm)	685 x 1000	915 x 1200	840 x 1200	915 x 1200	915 x 1200	915 x 1200	915 x 1200	915 x 1200

\*Single part size limited.

Floor Space Requirements								
Heater System	Total Length		Total Width		Total Height		Blower Room	
	(m)	(ft)	(m)	(ft)	(m)	(ft)	(m)	(ft)
36" x 60'	40.5	132.9	9.5	31.2	7	23	15 x 10 x 5	49.2 x 32.8 x 16.4
36" x 100'	58.9	193.2	9.5	31.2	7	23	15 x 10 x 5	49.2 x 32.8 x 16.4

Installed Power					
Heater System	Heating	Quench Fan	Cooler Fan	Drives	Total
	(kW)	(kW)	(kW)	(kW)	(kW)
36" x 60'	1250	525	112	32	1919
36" x 100'	1875	525	225	32	2657

**Glasstech, Inc.**  
Perrysburg, Ohio USA  
Tel: +1-419-661-9500  
Fax: +1-419-661-9616

**Glasstech, Inc.**  
New York, New York USA  
Tel: +1-212-489-8040  
Fax: +1-212-307-5781

**glasstech®**  
WHERE INNOVATION CONTINUES

[www.glasstech.com](http://www.glasstech.com)

**Glasstech, Inc.**  
Shanghai, China  
Tel: +86-21-5836-7560  
Fax: +86-21-5836-8968

**Glasstech, Inc.**  
Mumbai, India  
Tel/Fax: +91-22-2528-7575