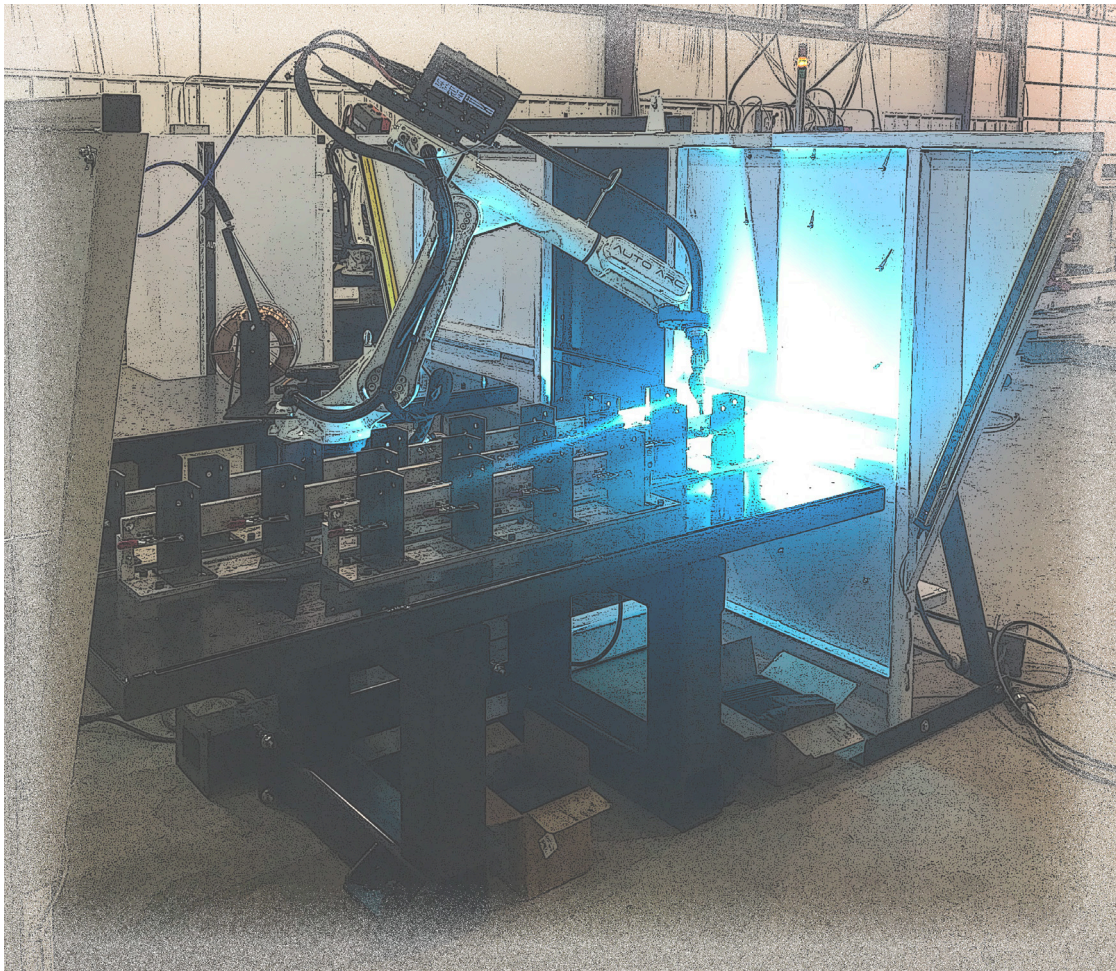


# RICE

AUTOMATION.COM

## PRE CONFIGURED WELD CELLS



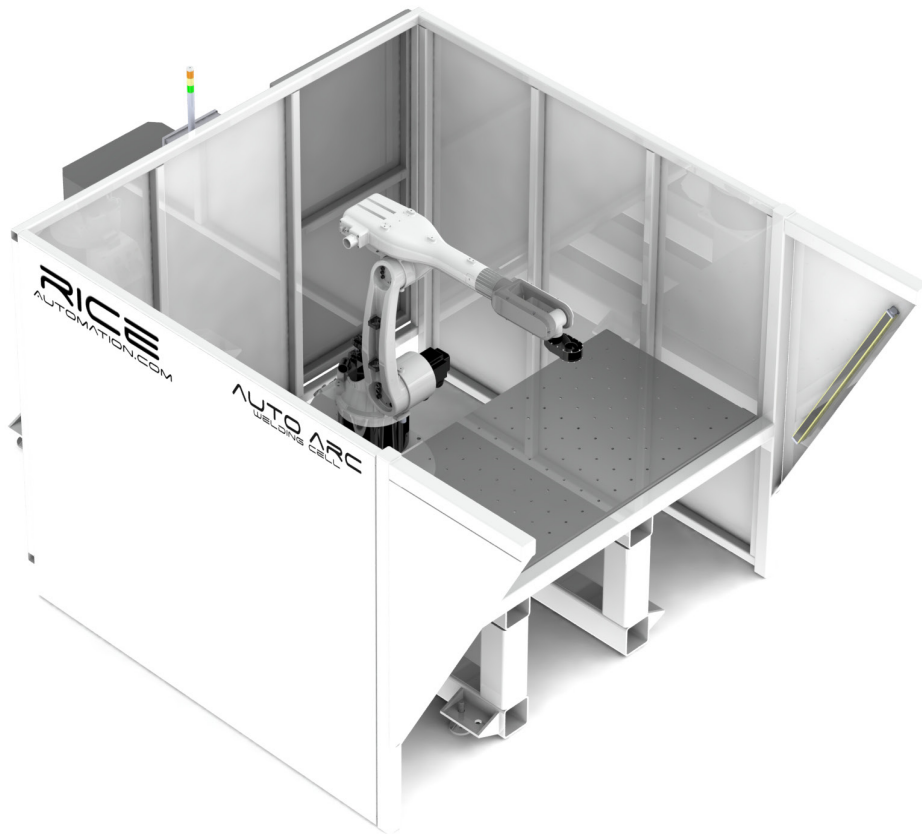
Rice Automation  
166 Hwy V  
Harviell, MO 63945  
Phone-573-989-6265 Toll Free (877) 855-7020  
[www.riceautomation.com](http://www.riceautomation.com)

**AUTO ARC**  
WELDING CELL

# AUTO ARC

## WELDING CELL

### Single Zone Cell



### Single Zone Cell Specs

- Single Zone Design
- Heavy Tubular Frame
- Machinery Floor Mounts
- 4" Tubular Fixture Table 1/4" Top 4"x4" Hole Pattern (36"x89")
- 6' Tall Solid Steel Walls
- Torch Clean Out Port Cut into Wall
- Safety Light Curtain integrated into controller
- Robot Controller & Welder Mounted on rear for easy movement
- Single Power Point
- All Power cables, ground cables, and wire conduit routed
- Requires minimal floor space
- Comes 100% Ready to weld
- Sliding Rear Door On Safety Interlock
- All Safety Components wired in standalone box

2

1

B

Angled Light Curtains

96.20

89.00

36.00

151.50

Removable Fixture Table

Controller Welder Platform

Universal Robot Mount

Sliding Door on Interlock

A

A

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UNLESS OTHERWISE SPECIFIED:		DRAWN	NAME	DATE	TITLE: <b>A</b> Single Zone Cell
DIMENSIONS ARE IN INCHES		CHECKED			
TOLERANCES:		ENG APPR.			
FRACTIONAL ±		MFG APPR.			
ANGULAR: MACH ± BEND ±		Q.A.			
TWO PLACE DECIMAL ±		COMMENTS:			
THREE PLACE DECIMAL ±		INTERPRET GEOMETRIC TOLERANCING PER:			SIZE
		MATERIAL			DWG. NO.
		FINISH			<b>A</b>
		DO NOT SCALE DRAWING			Single Zone Cell
		APPLICATION			SCALE: 1:50 WEIGHT:
		USED ON			SHEET 1 OF 1
		NEXT ASSY			REV

2

1

B

# AUTO ARC

## WELDING CELL

### Dual Zone Cell

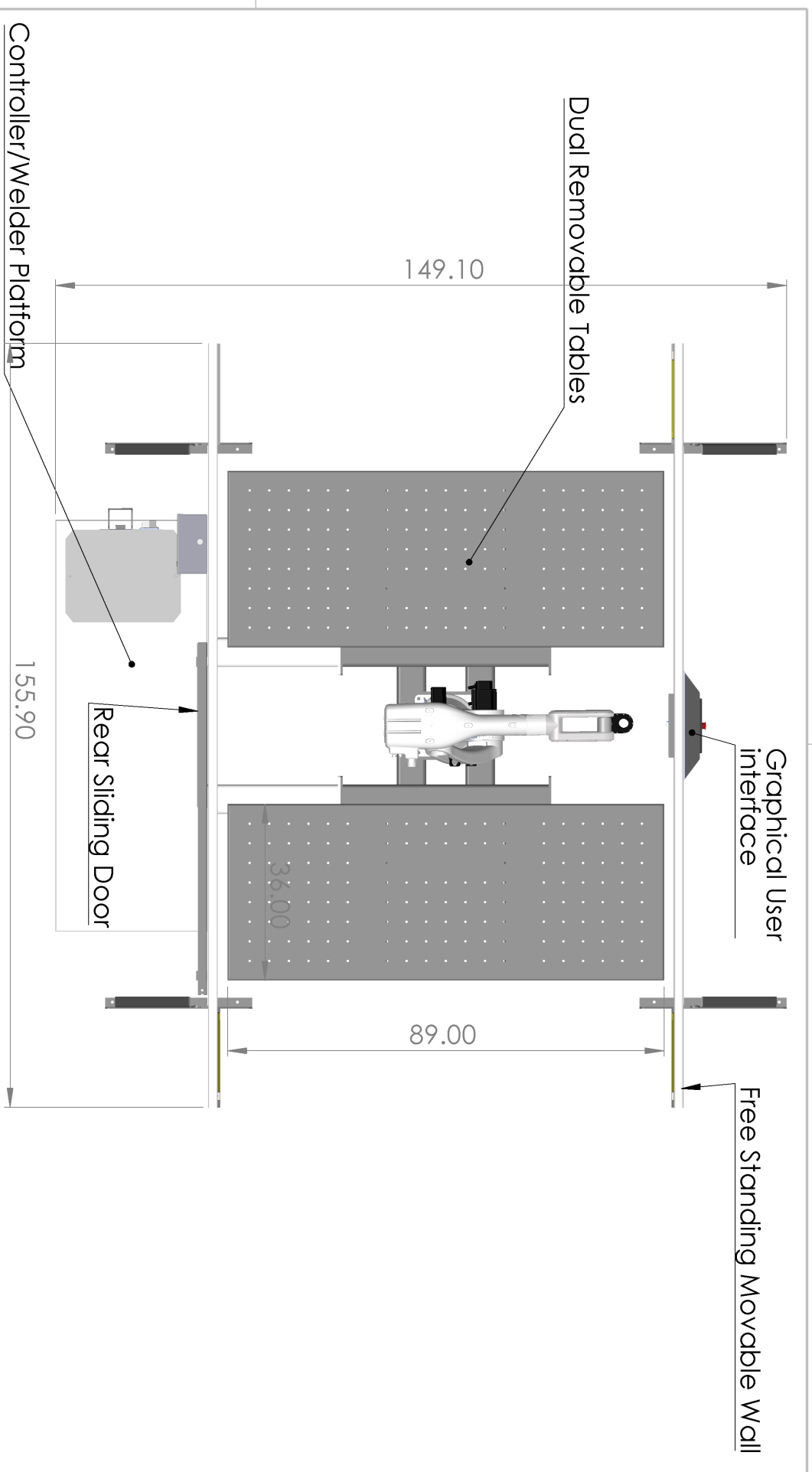


### Dual Zone Cell Specs

- Dual Zone Design
- Heavy Tubular Frame
- Machinery Floor Mounts
- Dual 4" Tubular Fixture Table 1/4" Top 4"x4" Hole Pattern (36"x89")
- 6' Tall Solid Steel Walls
- HMI Interface With Program Starting and Safety Interface overview
- Safety Light Curtain integrated into controller
- Robot Controller & Welder Mounted on rear for easy movement
- Single Power Point
- All Power cables, ground cables, and wire conduit routed in covered cable tray
- Zoned Safety System allowing robot and operator to work safely together
- Comes 100% Ready to weld
- Sliding Door On Safety Interlock for robot maintenance
- All Safety Components wired in standalone box

2

1



B

B

A

A

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UNLESS OTHERWISE SPECIFIED:		DRAWN	NAME	DATE	TITLE:	SIZE	DWG. NO.	REV
DIMENSIONS ARE IN INCHES		CHECKED						
TOLERANCES:		ENG APPR.						
FRACTIONAL ±		MFG APPR.						
ANGULAR: MACH ± BEND ±		Q.A.						
TWO PLACE DECIMAL ±		COMMENTS:			SCALE: 1:100WEIGHT:	SHEET 1 OF 1		
THREE PLACE DECIMAL ±								
INTERPRET GEOMETRIC TOLERANCING PER:								
MATERIAL								
FINISH								
NEXT ASSY	USED ON	APPLICATION		DO NOT SCALE DRAWING	SCALE: 1:100WEIGHT:	SHEET 1 OF 1		

2

1

Controller/Welder Platform

Dual Removable Tables

Graphical User interface

Free Standing Movable Wall

Rear Sliding Door

149.10

89.00

36.00

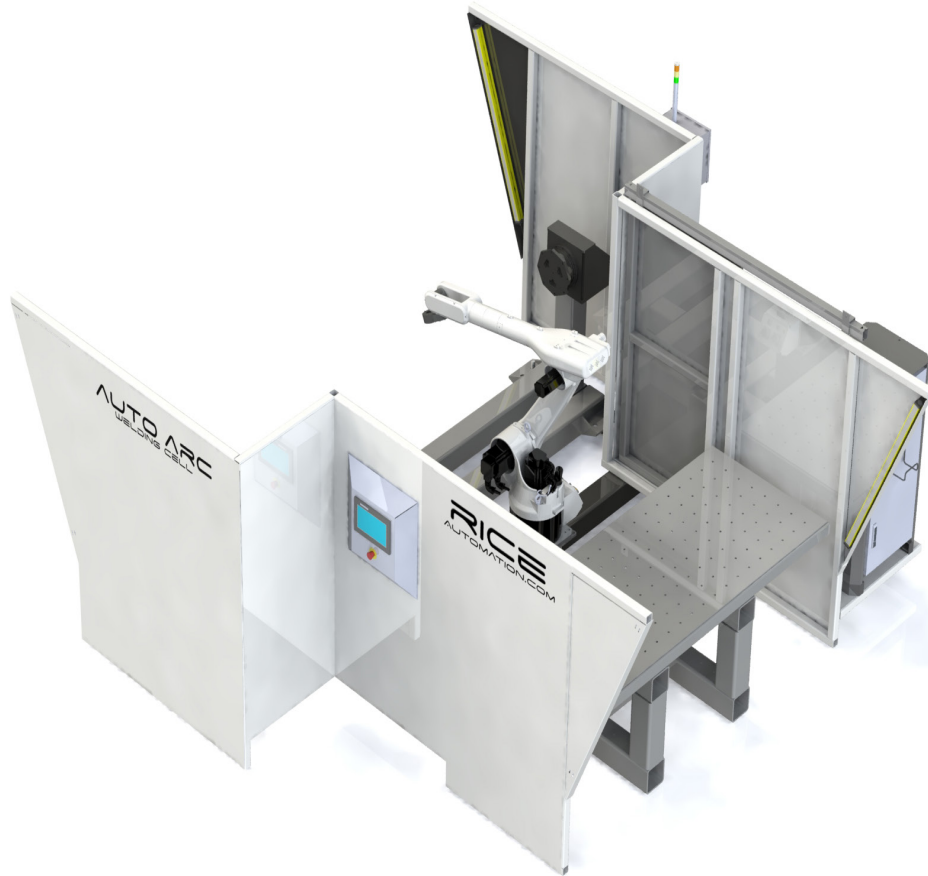
155.90

Auto Arc 2 Station HMI

# AUTO ARC

## WELDING CELL

### Dual Zone Head Stock Cell

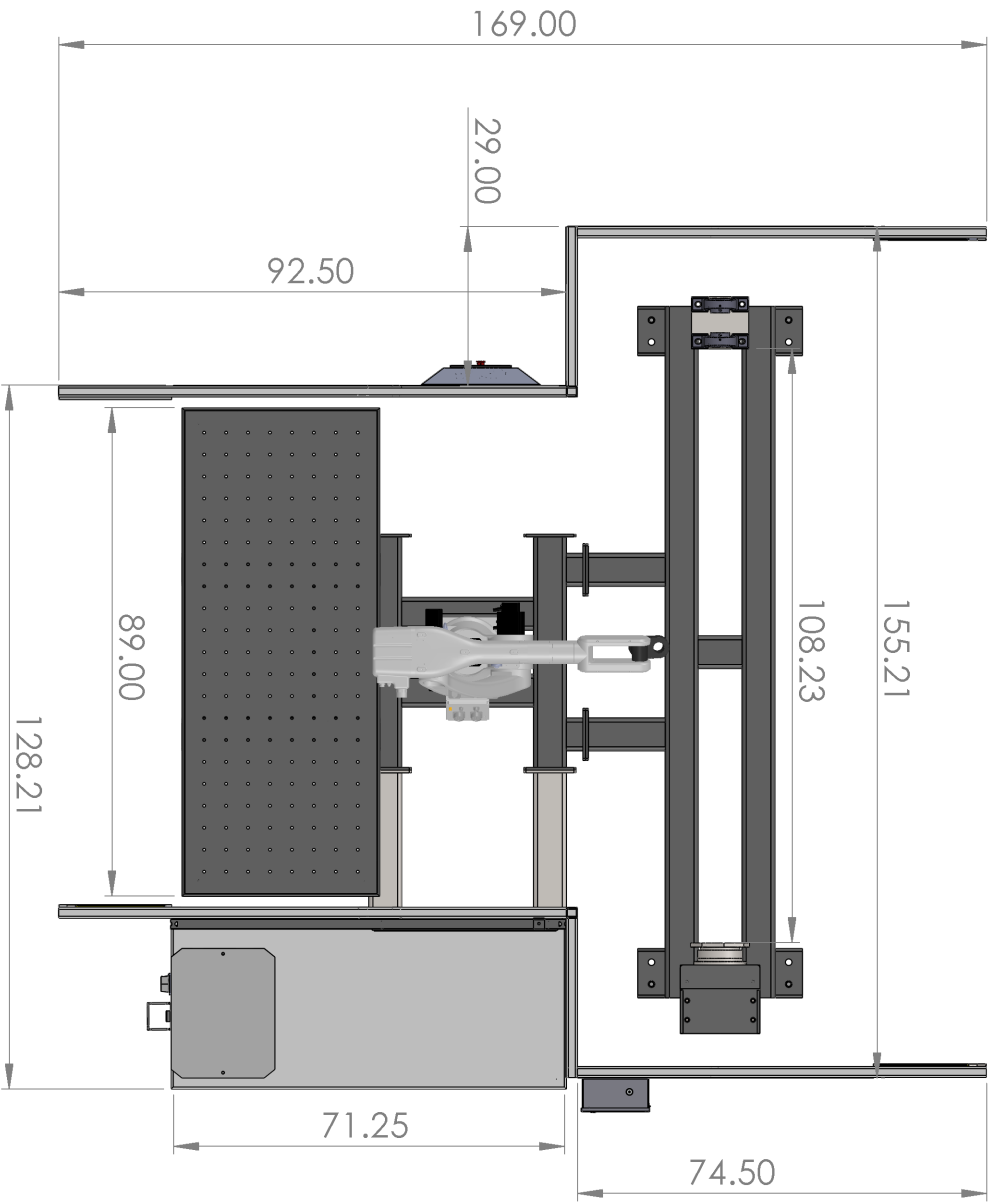


#### Dual Zone Head Stock Cell Specs

- Dual Zone Design
- Heavy Tubular Frame
- Machinery Floor Mounts
- Single 4" Tubular Fixture Table 1/4" Top 4"x4" Hole Pattern (36"x89")
- 6' Tall Solid Steel Walls
- HMI Interface With Program Starting and Safety Interface overview
- Safety Light Curtain integrated into controller
- Robot Controller & Welder Mounted on rear for easy movement
- Single Power Point
- All Power cables, ground cables, and wire conduit routed in covered cable tray
- Zoned Safety System allowing robot and operator to work safely together
- Comes 100% Ready to weld
- Sliding Door On Safety Interlock for robot maintenance
- 1 or 2 Head Stocks Available
- Custom Center Length to allow for customers fixturing

2

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APPLICATION		DO NOT SCALE DRAWING		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		DRAWN	NAME	DATE	TITLE:  SIZE DWG. NO. <b>A</b> Dual Zone with HSTS SCALE: 1:100WEIGHT: SHEET 1 OF 1
NEXT ASSY	USED ON	FINISH	MATERIAL	INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED			REV	
				Q.A.	ENG APPR.				
				COMMENTS:	MFG APPR.				

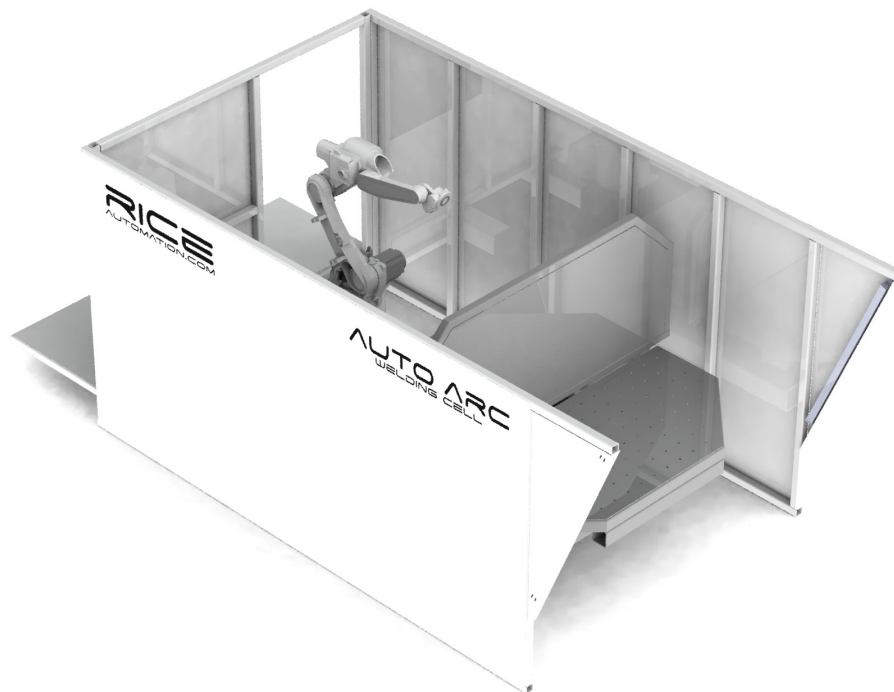
2

1

# AUTO ARC

## WELDING CELL

### Dual Zone Turn Table Cell



#### Dual Zone Turn Table Cell Specs

- Dual Zone Design
- Heavy Tubular Frame
- Machinery Floor Mounts
- Dual 4" Tubular Fixture Table 1/4" Top 4"x4" Hole Pattern (36"x72")
- 6' Tall Solid Steel Walls
- HMI Interface With Program Starting and Safety Interface overview
- Safety Light Curtain integrated into controller
- Robot Controller & Welder Mounted on rear for easy movement
- Single Power Point
- All Power cables, ground cables, and wire conduit routed in covered cable tray
- Zoned Safety System allowing robot and operator to work safely together
- Comes 100% Ready to weld
- Sliding Door On Safety Interlock for robot maintenance



2

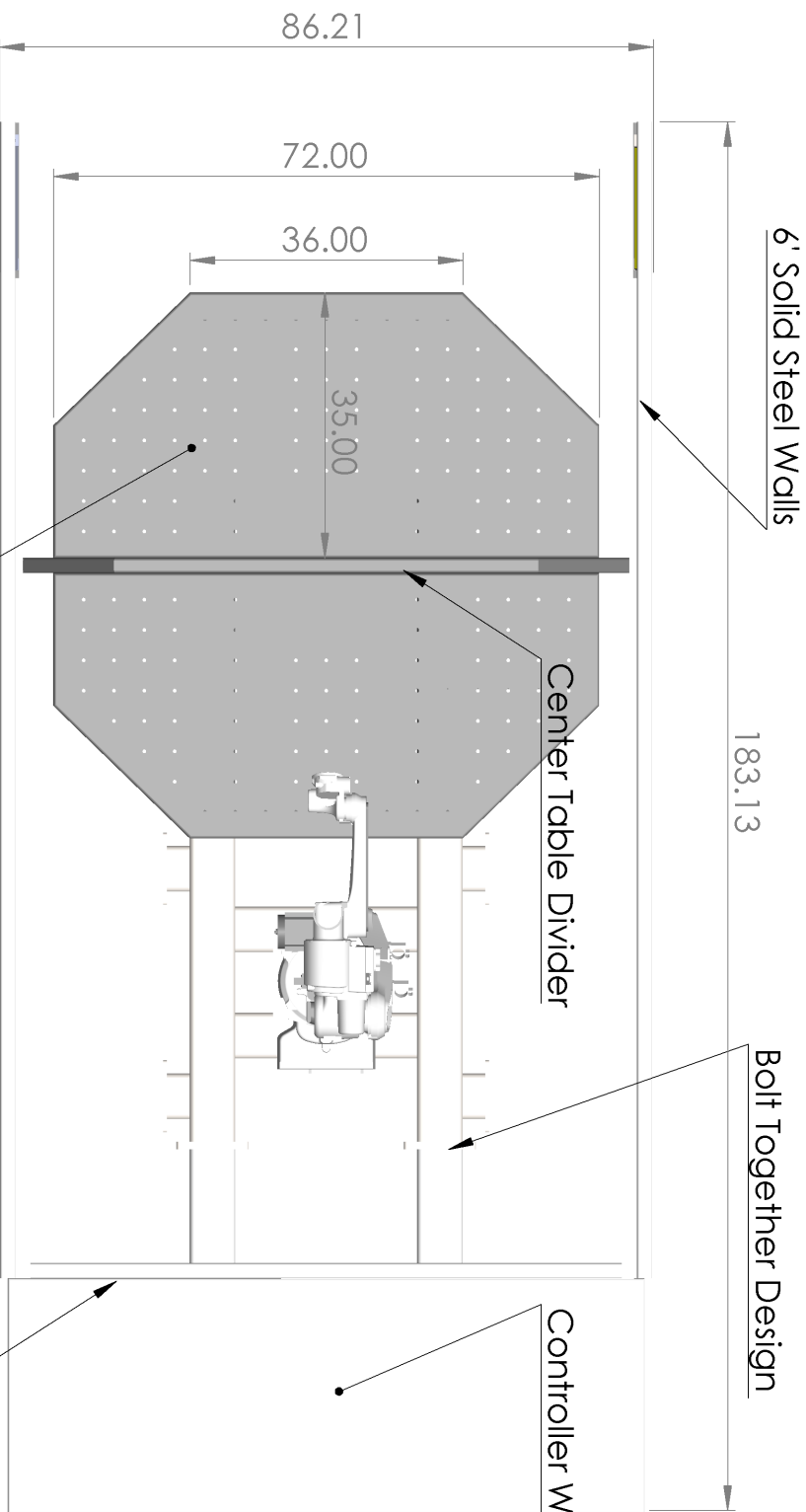
1

B

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Dual Turn Table Design

Sliding Rear Door On Interlock

Controller Welder Platform

6' Solid Steel Walls

183.13

Bolt Together Design

Center Table Divider

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DIMENSIONS ARE IN INCHES		CHECKED							6' Turn Table Cell	A	SHEET 1 OF 1
TOLERANCES: FRACTIONAL ±		ENG APPR.									
ANGULAR: MACH ± BEND ±		MFG APPR.									
TWO PLACE DECIMAL ±		Q.A.									
THREE PLACE DECIMAL ±		COMMENTS:									
INTERPRET GEOMETRIC TOLERANCING PER:											
MATERIAL											
FINISH											
DO NOT SCALE DRAWING	APPLICATION	USED ON	NEXT ASSY								

2

1

SCALE: 1:50 WEIGHT: SHEET 1 OF 1



# AUTO ARC

WELDING CELL

The information contained within this catalog such as but not limited to functions, features, dimensions, numerical values, photographs, evaluations, results and or specifications offered are intended and listed solely for the purpose of explaining the general features and performances of our products only and are not guaranteed nor guarantee anything as a result. In addition, the information contained within this catalog is subject to change at any time without notice.

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