

HPB Series with Back gauge



Delta DOP-107EV Emulator, V1.0110, Offline Mode		- 🗆 ×	Delta DOP-107EV Emulator, V1.0110, Offline Mode - >						
MANUAL OPER			AUTOMATIC OPERATING MODE						
Back Gauge Home Back Gauge Back Gauge Back Gauge Back Gauge Back Gauge Back Gauge Date Home Back Gauge Back Back Back Back Back		Back Gauge Actual Value	Actual Step Reset Program PROGRAM NO: 0	Back Gauge Actual Value					
Home	MAN	UAL	M/	MANUAL					
	Bending Target Forward 0.0 Bending Target 0.0 Bending Target 0.0 Bending Actual Value 0.0 Deckward 0.0		Pending Target Forward O.O Bending Target Backward O.O	Bending Actual Value					
AUTOMATIC MANUAL PROGRAM	SETTINGS AL	LARM INFO	AUTOMATIC MANUAL PROGRAM SETTINGS	ALARM INFO					

Delta DOP-107EV Em	imulator, V1.0110, Offline Mode — 🗆 🗙						Delta DOP-107EV Emulator, V1.0110, Offline Mode -						- 🗆 🗙				
PROGRAM CREATING MODE									SETT	INGS							
0		0		\odot		SAVE					Bending Correction Factor Forward				0.00	mm	
Forward	1	0.0	1	0.0	1	0.0		0.0		0.0		Bending Correction Factor Backward				0.00	mm
Backward	1	0.0	2	0.0	3	0.0	4	0.0	5	0.0		Material Thi	ickness			0.00	mm
Back Gauge	1	0.0		0.0		0.0		0.0		0.0		Back Gauge Pullout Distance				0.00	mm
Forward		0.0		0.0		0.0		0.0		0.0		Back Gauge	Offeet			0.00	
Backward	6	0.0	7	0.0	8	0.0	9	0.0	10	0.0		Dack Gauge	onset		- 6	0.00	
Back Gauge		0.0		0.0		0.0		0.0		0.0		Back Gauge	e Speed			#.##	t mm
Forward		0.0		0.0		0.0		0.0		0.0		141					
Backward	11	0.0	12	0.0	13	0.0	14	0.0	15	0.0						CHANGE L	ANGUAGE
Back Gauge		0.0		0.0		0.0		0.0		0.0							
AUTOMATIC	MAI	NUAL	PRO	GRAM	SET	TINGS	A	LARM	INFO			AUTOMATIC	MANUAL	PROGRAM	SETTINGS	ALARM	INFO

The interface is constantly updated to improve the user experience. Thanks to user-friendly software, we enable you to obtain precise bending in your works.



1-) Main Screen:

Delta DOP-107EV En	nulator, V1.0110, Offline N	Mode			-		×
				10			
		CHANGE L	ANGUAGE				
AUTOMATIC	MANUAL	PROGRAM	SETTINGS	ALARM		INFO	

This is the screen that appears when the machine is first turned on.

If there is a problem, this screen changes automatically to "ALARM" Screen.



2-) Alarm Page;

Delta DOP-107EV En	nulator, V1.0110, Offline N	Mode			<u></u>		Х
		ALA	ARM				
Message							
							1
AUTOMATIC	MANUAL	PROGRAM	SETTINGS	ALARM		INFO	

- This is the screen that appears when the machine encounters a problem.

- You can work after troubleshooting problems that you see on the screen.

- If you encounter a permanent problem, please consult our distributor.

EMERGENCY STOP PRESSED OR PANEL DOOR OPEN ! – SET UP THE SYSTEM ! : Check electrical panel door.

HYDRAULIC STOP!	: Hydraulic Stop.
PHASE SEQUENCE IS NOT CORRECT! THERMIC ATTACHED!	: Change phase order. : Check relays
SERVO ALARM!	: Check servo connection.



3-) Manual Aperating Page

Delta DOP-107EV Emulator, V1.0110, Offline Mode



- **Back Gauge Home** : Back gauge goes to the reset point. **Back Gauge Reset Bending Home Back Gauge Go Target Back Gauge Target** the target with this window. Back Gauge Actual Value Bending Target Forward the target with this window. the target with this window.
 - : It is used to reset if it stays at the limit or gets stuck.
 - : Press goes to the reset point.
 - : Back gauge goes to the target point.
 - : Back gauge goes to the target point. Operator may change

: Indicator shows where Back Gauge is.

: Indicator shows Press forward limit. Operator may change

Bending Target Backward : Indicator shows Press Backward limit. Operator may change

Bending Actual Value

- : Indicator shows where Press is.
- 1- Before start manual operating, check "Man/Auto" Switch.
- 2- Operator should start with manual and "Back Gauge Home" & "Bending Home" when start up the Machine just one time.



4-) Program Creating Mode

PROGRAM CREATING MODE											
0						-	s	AVE	-		
Forward		0.0		0.0		0.0		0.0		0.	0
Backward	1	0.0	2	0.0	3	0.0	4	0.0	5	0.	0
Back Gauge		0.0		0.0		0.0		0.0		0.	0
Forward		0.0		0.0		0.0		0.0		0.	0
Backward	6	0.0	7	0.0	8	0.0	9	0.0	10	0.	0
Back Gauge		0.0		0.0		0.0		0.0		0.	0
Forward		0.0		0.0		0.0		0.0		0.	0
Backward	11	0.0	12	0.0	13	0.0	14	0.0	15	0.	0
Back Gauge		0.0		0.0		0.0		0.0		0.	0
AUTOMATIC	MAN	MANUAL PROGR		GRAM				.ARM	INFO		

Forward this steps.

: Operator should enter the press forward limit for

Backward: Operator should enter the press backward limit for
this steps.Back Gauge: Operator should enter the bending distance of the
part.Save: Save program and also select program.

1- Operator determines correct forward degree and backward degree in manual operation and prepares program from detected degrees.

2- Nc unit can memorize 99 programs. Every program has 15 steps.

3- If have multiple lines in one program, the backward value must be always smaller than the next forward value.



5-) Manual Aperating Page



- : Indicator shows which steps still runing.
- Before start automatic operating, make sure homing is done and check "Man/Auto" Switch.

Actual Step



6-) Settings Page

Delta DOP-107EV Emu	ulator, V1.0110, Offline N				<u></u>		
		SETT	INGS				
Panding Cor	raction Easta	r Eenword			0.00		
Bending Cor	rection Facto	TOIWAIU			0.00		mm
Bending Cor	rection Facto			0.00		mm	
Material Thio	kness			0.00		mm	
Back Gauge	Pullout Dista			0.00	l	mm	
Back Gauge	Offset			0.00		mm	
Back Gauge	Speed			#.##		mm	
				C	HANGE L	ANGL	JAGE
AUTOMATIC	MANUAL	PROGRAM	SETTINGS	,	ALARM	I	NFO

Bending Correction Factor Forward forward target point where the press will stop.

: This setting is used to make fine adjustment of the

For exp: If the Machine stops 0.1 mm after the target, we enter 0.1 in to this position

Bending Correction Factor Backward backward target point where the press will stop.

: This setting is used to make fine adjustment of the

For exp: If the Machine stops 0.1 mm after the target, we enter 0.1 in to this position

BACK GAUGE SETTINGS: Meterial Thickness gauge properly.	: Operator Should enter material thickness for the works back
Back Gauge Pullout Distance from the movement bending begins.	: This is how far back gauge will move away from the material
Back Gauge Offset	: This settings change Back gauges zero point.
Back Gauge Speed	: Change back Gauge speed.
Change Language	: Changes language