



Global Edge[®] Engineering Assistant Demonstration Guide

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Demo Section 0: Overview

Global Edge[®] *Engineering Assistant* starts with the capability of automatically processing 3D CAD Models to produce 2D DXF Flat Files included with Extended Data to drive Automated Bend Program Generation, Automated Routing Generation, and Automated Sales Quote Generation.



Demonstration Outline

The following outlines the steps the illustrate the capabilities of the Global Edge® Engineering Assistant:

Demo Section 1: Automated CAD Model Analysis

- \circ 1.1 Automated DXF Flat File Generation
- $\circ~$ 1.2 Automated DXF Flat File Importation
- 1.3 DXF Part Parameter Confirmation
- 1.4 Automated Routing Generation / Cost Rollups
- 1.5 Generate Part Parameter Report

Demo Section 2: Automated Sales Quote Generation

- $\circ~$ 2.1 Customer Selection / Generate Quote Header
- $\circ~$ 2.2 Sales Quote Item Configuration / Cost Rollups
- 2.3 Generate PDF Sales Quote

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Demo Section 1: Automated CAD Model Analysis

Global Edge[®] **Engineering Assistant** provides automated CAD model analysis to automatically analyze CAD part parameters and store these parameters in an SQL database. These CAD part parameters can then be utilized to automatically generate optimal routings including time and material cost rollups. Additionally, these CAD part parameters can be incorporated into DXF flat files to facilitate automated bend program generation for both press brakes and panel benders.

1.1 – Automated DXF Flat File Generation

Workflow Steps

1. The first step is to open the *Global Edge*[®] *Engineering Assistant* software by clicking on the following desktop icon:



2. This will display the following screen form and menu options:

EA Glo	obal Edg	e Engineer	ing Assistant						_		×
File	View	Import	Configurator	Schedule	Help						
Checke	d Out File	88				Edit Location		Doc#	Checked Out At		Checked
	d out in					Low Looddon		000 #	Chicolad Carrie		oncond
)BA	L EDO	ΞĒ								
						Datat	ase: global	edge C	onnect/Username: k	ic/ldc	



 Select "Import > Import CAD Files" option to display Import CAD Files screen. Select "Create DXF(s)" option to automatically generate 2D DXF Flat Files from 3D SolidWorks CAD Models. This process includes automatically embedding Extended Data into the 2D DXF Flat Files to drive Automated Bend Program Generation, Automated Routing Generation, and Automated Sales Quote Generation:

					- Estada		- u x
ueue Task #:				DXF IMAGE	Zoom: Extents	Rotation: 0	Work Queue
Customer #:							Find Customer
pportunity #							Opportunity
Import Path:							Find Quote
Ouste #		Part Status					New Quote
							Eind Eilo(a)
Part#.							T into T ine(s)
Description:		Line: Item	ns:				Create DXF(s)
File Name:							Preview DXF
Operation:		Files Selected:					Import
PART CATEGORY AND STYLE							Routing
Main Assembly:							Save
Sub-Assembly:	v						Drint
Sheet Metal:	v						Pillin
Parts:	v			Carling			Documents
DXE Import Rules: SolidWorks	Format			Impo	rted Scaled	Up Bend	View-Log
SHEET METAL PART PROPERTIES				Flat Length:		Down Bend Emboss	Clear
Flat Length: Material:	-		Detect	Flat Width:		Etch	Finish
Flat Width: Thickness:	-		Detect	Adjusted Scale: 1.000000	0÷	Refresh	Close
Extrusions: Cutouts:	Tolerance 005	Total Bends:		Pending Items:	Import Patue:		
Perimeter: Cutout Perim:	No Up Bends	Down Bends			import datus.		PART UPDATE -
Pad Halan	lat Us Bas day	lat Da Baadau		Item Part Number	Qty Status	Auto-Configure	Pending
Rid Holes. Round Sizes.	ini. Op Bends.	inc. Dri Berids. j				E Build Routing	Active
Obrid Holes: Obrid Sizes:	Max Up Bend:	Max Dn Bend:				🔽 Prompt Data	Under Revision
Rect Holes: Rect Sizes:	No. Hems:	Total Folds:				🗌 Auto Queue	In-Active
Other Holes: Other Sizes:	Max Bend Len:					Vrite Log File	Cobsolete
Cutout Dist: Part Dist:	UOM: Inches	▼ Standard:	Not Set			Detailed Log	Temporary
DXF UOM: Not Set Configuration:	-					Debug	
DEM-01-APRON	DEM-02-LOAD-CTR-	30X	DEM-03-E	SOTTOM-DLH	DEM-04-HOUSING		DEM-05-PANEL
				Ļ			-

1.2 – Automated DXF Flat File Importation

4. Select "Find File(s)" option and select the DXF file(s) to process with the Select File screen:

EA Select File:					×
\leftarrow \rightarrow \checkmark \uparrow \blacksquare \rightarrow This PC \rightarrow	OS (C:) > GlobalEdge > demo > DXF-Files		~ C	Search DXF-Files	
Organize 🔻 New folder				≣ •	
> 📩 Attachments	Name	Date modified	Туре	Size	
> 📒 Documents	🔀 DEM-01-APRON.dxf	5/6/2022 11:27 AM	DXF File	21 KB	
This DC	🕮 DEM-02-LOAD-CTR-BOX.dxf	5/6/2022 11:27 AM	DXF File	17 KB	
 Insector 	🕮 DEM-03-BOTTOM-DLH.dxf	5/6/2022 11:27 AM	DXF File	17 KB	
	C 🐻 DEM-04-HOUSING.dxf	5/6/2022 11:27 AM	DXF File	30 KB	
 Documents Downloads 	🔀 DEM-05-PANEL.dxf	5/6/2022 11:27 AM	DXF File	10 KB	
> 🕖 Music					
> 🔀 Pictures					
> 🛃 Videos					
> 💾 OS (C:)					
File name: DEM-04-	HOUSING.dxf		~ ·	All (*.*)	~
			(Open	Cancel

5. This displays the selected DXF file on the Import CAD Files screen:

Mage And The Import CAD Files										- 0 X
Queue Task #:					DXF IMAGE] z	Zoom: Extents	• 6	totation: 0	Work Queue
Customer #:										Find Customer
Opportunity #										Opportunity
Import Path:										Find Quote
QUOTE ITEM			Dart Statue							New Quote
Part # DEM 04 HO										Find File(s)
Description: SHEET MET	AL HOUSING		Line:	me:						
File Name: C:)GlobalEd		M HOUSING dyf								
	gendennond er neardelin-									Preview DXF
			Files Selected	:]1						Import
Main Assembly:	-									Routing
Sub-Assembly:	-									Save
Sheet Metal: SHT	▼ SHEET METAL									Print
Parts:	-									Documents
					Scaling	Imported	Scaled		ine Key	View-Log
	Rules: SolidWorks For	nat		_	Flat Length:				Down Bend	Clear
FlatLength:	Material:	•		Detect	Flat Width:				Etch	Finish
Flat Width:	Thickness:			Detect	Adjusted Scale: 1.	.0000000 🕂			Refresh	Close
Extrusions:	Cutouts:	Tolerance 0.0050	00 Total Bends		Pending Items:	Imr	port Status:			
Perimeter:	Cutout Perim:	No. Up Bends:	Down Bends		tem Part Number		Oty Status		TIONS	
Rnd Holes:	Round Sizes:	Int. Up Bends:	Int. Dn Bends		item Part Namber		uty_status		Auto-Configure	Pending
Obrd Holes:	Obrnd Sizes:	Max Up Bend:	Max Dn Bend						Build Routing	Active
Rect Holes:	Rect Sizes:	No. Hems:	Total Folds:						Prompt Data	I Under Revision
Other Holes:	Other Sizes:	Max Bend Len:							Write Log File	D Obsolete
Cutout Dist:	Part Dist:	UOM: Inche	Standard	: Not Set					Detailed Log	Temporary
DXF UOM: Not Set	Configuration: ROUTIN	G 🚽 ROUTI	IG CONFIGURATION						Debug	
	1									

6. The next step is to select the option to have the software automatically generate routings for the selected part:

Minport CAD Files					– 🗆 🗙
Queue Task #:		DXF IMAGE	Zoom: Extents	Rotation: 0	Work Queue
Customer #:					Find Customer
Opportunity #					Opportunity
Import Path:					Find Quote
QUOTE ITEM	Part Status:				New Quote
Part #: DEM-04-HOUSING	Qty:				Find File(s)
Description: SHEET METAL HOUSING	Line: Items:				Create DXF(s)
File Name: C:\GlobalEdge\demo\DXF-Files\DEM-04-HOUSING.dx	f				Preview DXF
Operation:	Files Selected: 1				Import
					Routing
Main Assembly:					Save
Sub-Assembly:					Print
Sheet Metal: SHT SHEET METAL					Documents
Parts:	· ·	Scaling		Line Key	View Log
DXF Import Rules: SolidWorks Format	•	Flat Length:	Scaled	Up Bend Down Bend	Class.
SHEET METAL PART PROPERTIES		Flat Width:		Emboss	Clear
Flat Length: Material:	I ✓ Detect	Adjusted Scale: 1 000000	1		Finish
Flat Width: Thickness:	☐ Detect			Refresh	Close
Extrusions: Cutouts: Tol	erance: 0.005000 Total Bends:	Pending Items: Im	port Status:		
Perimeter: Cutout Perim: No. Up	Bends: Down Bends:	Item Part Number	Qty Status	OPTIONS	PART UPDATE
Rnd Holes: Round Sizes: Int. Up	Bends: Int. Dn Bends:			Auto-Configure	Pending
Obrd Holes: Obrnd Sizes: Max U	Bend: Max Dn Bend:			Prompt Data	V Under Revision
Rect Holes: Rect Sizes: No.	Hems: Total Folds:			Auto Queue	In-Active
Other Holes: Other Sizes: Max Ber	id Len:			✓ Write Log File	C Obsolete
Cutout Dist: Part Dist:	UOM: Inches Standard: Not Set			✓ Detailed Log	Temporary
DXF UOM: Not Set Configuration: ROUTING				C Debug	
L					

The Global Edge Engineering Assistant

provides the capability to define routing configuration rules that can generate routings based on imported CAD part parameters. These routing rules provides the ability to automatically calculate laser cut times based on material, thickness and specific laser capabilities that include:

- Laser Cut Speed
- Perimeter Cut Speed
- Cutout Cut Speed
- Piercing Time
- Load / Unload Time

This also includes machine time for punching, bending, welding, painting, assembly, and other related machine times that can be utilized for things like quoting, cost estimating and scheduling. Select the **"Build Routing**" check box to have the software automatically generate routings with the ROUTING CONFIGURATION selected in the lower portion of the screen.

1.3 – DXF Part Parameter Confirmation

7. Select "Import" option which will display the Part Master Update screen:

rt Number: DEM-04-HOUSING	Category/Style		_		
	Category: SHT - SHEE	TMETAL		ок	_
	Style:			Cance	el
	Process M Active	Auto-Configure			
	Scaling Impor	ted Scaled			
	Flat Length: 19.699142	19.699142			
ustomer #:	Flat Width: 42.193245	42.193245			
Cust Part #:	Adjusted Scale: 1.000000	0 🛨			
Material Properties	Editable Part Parameters		-	Processe	es
Material: 304-4		UOM inches		Blank	
Thickness: 14 GA	Extrusions: 0	Down Bends: 8		Emboss	
Certified: No V UOM: Inches	No. Up Bends: 0	Int. Dn Bends: 0		Turret	
Default Sheet	Int. Up Bends: 0	Max Dn Bend: 0		Laser	
Short Length: 0	Max Up Bend: 0	Hem Count:		Press Brai	k
Black Longth: 0 Width: 0	⊤otal Bends: 8	Total Folds: 0		Panel Ben	d
Diana Lengui.	Mir. *Length: 0	Max Bend Length: 0		Pem Nut	
	Min. ngle: 10	Max Bend Angle: 93		Pem Stud	
-Cutting Process	M. 9: 0	Max Flange: 0		Grain	
Cutting Method: Open	Min PE 1	Min Dn PEM Gap: 0		Weld	
Asset #: Laser Turret	Min Emboss	Min Dn Emboss: 0		Deburr	
Config: ROUTING Open DN	Min Louver G	Min Dn Louver: 0		Paint	
Standard Band Process	Min Taper Gat.	Min Die Cutout: 0			
Process #	Bend Direction:				
Radius:					
Model IB:					
Status:					

The *Global Edge Engineering Assistant* provides the ability to define routing rules that are executed by the built-in routing configurator. This includes the automated generation of cutting times. The choices in the drop-down include:

- Laser
- Turret
- Open

When selecting the "*Open*" option, the routing configurator will determine the optimal method to cut part based on cost and/or delivery time.

The "*Material Properties*" that are comprised of Material and Thickness are automatically displayed if they are defined in the original CAD model. If they are not defined, the user can select the proper material and thickness that will then subsequently be added to the DXF flat file as extended data.

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🛤 Part Master Update	- o x
Part Number: DEM-04-HOUSING SHEET METAL HOUSING Customer #	Category/Style Category: SHT SHEET METAL Cancel Ca
Cust Part # Material Properties Material: 304-4	Adjusted Scale: 1.0000000
Standard Bend Process Process #. Radius: UOM: Model IR: Status:	Min Taper Gap: 0 Min Die Cutout: 0 Bend Direction: As Drawn Flip Bends

The *Global Edge Engineering Assistant* provides the ability to define routing rules that are executed by the built-in routing configurator. This includes the automated generation of cutting times. The choices in the drop-down include:

- Laser
- Turret
- Open

When selecting the "*Open*" option, the routing configurator will determine the optimal method to cut part based on cost and/or delivery time.

The "Editable Part Parameters" section

provides a list of 24 CAD part parameters. These 24 CAD part parameters can optionally be changed by the user need be. The software also analyzes an additional 24 CAD part parameters for a total of 48 CAD part parameters.

This section includes a **"Flip Bends"** option that allows the user to flip Up Bends to Down Bends or vice versa. This is to correct the bend direction from the original CAD model if it does not match the proper machine tool bend direction.

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Number: DEM-04-HOUSING	Category/Style	ОК
SHEET METAL HOUSING	Category: SHT 💌 SHEET METAL	
	Style:	Cancel
	Process M Active	Auto-Configure
	Imported	Scaled
	Flat Length: 19.699142	19.699142
stomer #:	Flat Width: 42.193245	42.193245
st Part #:	Adjusted Scale: 1.00000000	
Vaterial Properties	Editable Part Parameters	Processes
Material: 304-4 VI 304-4 STAINLESS STEEL		UOM inches 🗖 Blank
hickness: 14 GA. 💌 0.075	Extrusions: 0 Dow	n Bends: 8 🗖 Emboss
Certified: No VUOM: Inches	No. Up Bends: 0 Int. D	n Bends: 0 🗖 Turret
Default Shaet	Int. Up Bends: 0 Max I	Dn Bend: 0 🔽 Laser
Short on the O	Max Up Bend: 0 He	m Count: 🔽 Press Brak
Black Longth: 0	Total Bends: 8 Tota	al Folds: 0 🗌 Panel Bend
Dianas per Shoet	Min Bend Length: 0 Max Bend	d Length: 0 🔽 Pem Nut
	Min Bend Angle: 10 Max Ber	nd Angle: 93 🗖 Pem Stud
Cutting Process	Min Flange: 0 Max	x Flange: 0 🗍 Grain
Cutting Method: Laser	Min PEM Gap: 0 Min Dn P	EM Gap: 0 🔽 Weld
Asset #:	Min Emboss Gap: 0 Min Dn	Emboss: 0 🔽 Deburr
Config: ROUTING ROUTING CONFIGURATION	Min Louver Gap: 0 Min Dr	n Louver: 0 🔽 Paint
Olive de la Deserver	Min Taper Gap: 0 Min Di	e Cutout: 0
Brooss #	Bend Direction: As Drawn	
Radius: IIOM:	Flip Bendr	

The Global Edge Engineering Assistant will

automatically add extended data to the DXF file with the information contained on the above screen. The software additionally includes a total of 48 CAD part parameters that can be added to the DXF file and routing steps that are outlined on the next screen. Refer to Page ## for a list of information that can be added as extended data to the DXF file. This column of check boxes allows you to select routing steps to be executed on the selected part. This includes the following manufacturing processes to execute:

- Blank
- Emboss
- Turret
- Laser
- Press Brake
- Panel Bender
- Pem Nut / Stud
- Grain
- Weld
- Deburr
- Paint

The software will generate routings including time calculations for accurate machine process times.

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1.4 – Automated Routing Generation / Cost Rollups

8. After selecting "OK" option, and if "Routing Check Box" was checked, the following Part Routing screen is displayed with the generated manufacturing steps:

					cost The for va	estima softwa arious	te to fabi re can als levels of	ricate a sir so calculat productior	ngle part te the co n.
									1
Part K	outing						-	U X	
Part Num	nber: DEM-04-HOUSIN	١G	SHEET METAL HOUSING					Refresh	
-Route -									
Rou	ute #: 1	Description: STANDARD PART	ROUTING		Set L	p:	\$142.50	Export	
т	una: Standard	¬	Ontimizatio	n: Nono	=		642.02	Close	
	ype. Standard		Opuniizauo	n. Inone	Compone		\$43.63		
Loca. L	evel: None		Optimization Quanti	ly:	1 Proces	S:	\$24.77	Config #	
Oper	ration: 14 Operations Fo	ound			Total Co	st:	\$210.91	15	
Standar	d Bend Process								
Proce	ss #:			Radius:	UOI	A:			
Sea #	Routing	Routing Description	Type	Units / Hour	Estimated Cost	Mach #	Mach Ref		
1	LASER-CUT	Laser Cut Operation	Process	200.00	15,0000	1003	LASER-10	03	
2	BEND	Press Brake Bending Operation	Process	100.00	0.7500	1007	PB-1007		
3	TIG-WELD	TIG Weld	Process	6.67	6.7500	1010	WELD-10	10	
4	DEBURR	Deburring Operation	Process	14.53	3.0971	1011	FINISH-10	11	
5	SAND-PAINT-PREP	Sand / Paint / Preparation Ope	eration Process	62.36	0.6414	1018	PAINT-10	18	
	HANGING	Hanging Operation	Process	50.00	0.5000	1015	HANG-101	5	
7	WASHING	Washing Operation	Process	100.00	0.2500	1016	WASH-10	16	
3	PAINTING	Painting Operation	Process	31.18	1 2828	1017	PAINT-10	17	
)	CURING	Curing Operation	Process	20.00	1 2500	1019	OVEN-101	9	
0	ASSEMBLY	Assembly Operation	Process	20.00	2 5000	1021	ASSM-102	1	
11	GENERAL J ABOR	General Labor Operation	Process	20.00	2.5000	1025	LABOR-102	25	
12	EINAL-INSPECT	Final Inspection Operation	Process	20.00	1 7500	1025	INSPECT	1026	
12	DACKAGE	Package Operation	Process	20.00	1.7500	1020	DACK 102	7	
13	CHIDDING	Shinoing Operation	Process	20.00	1./500	1027	FACK-102		
14	SHIFFING	shipping Operation	Process	20.00	1./500	1020	3HIP-1028)	

The Global Edge Engineering Assistant includes a configuration engine that runs in the background to generate routings based on the CAD part parameters and simple to define routing rules.

These columns (Units / Hour, Estimated Cost, Mach #) are automatically generated with the configuration engine which includes how many units can be produced per hour and the estimated cost per unit based on the machine tool selected for each specific process.

These columns calculate / display the

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the cost

1.5 – Generate Part Parameter Report

9. After selecting "OK" option, the following screen form is displayed upon completion of Import CAD Files process:



The *Global Edge Engineering Assistant* provides the ability to automatically analyze CAD part parameters. This includes a total of 48 CAD part parameters to drive:

- Automated Bend Program Generation
- Automated Routing Generation
- Manufacturability Testing
- Automated Sales Quote Generation

Refer to Page 13 for a listing of the information that is analyzed and generated with the CAD part importation process.

10. Select the "Print" option to generate Part DXF Import Report:

12



CAD Part Parameter Report (Part 1 of 3)

The first portion of the *CAD Part Parameter Report* includes the following 48 CAD part parameters that are analyzed and recorded in an SQL database. These CAD part parameters provide the foundation for the automated generation of bend programs for press brakes, panel benders and other robotic folders. This is accomplished with the *Global Edge Engineering Assistant* software comparing the CAD part parameters with your available machine tool tooling such as part size, bend angles, hem counts, pem and louver gaps from bend lines, etc.:

	Part Number		Descriptio	on	UOM	Туре	Cat. Style Mtl.		
DEM-04-	HOUSING	SHEET METAL	HOUSING	3	EA	С	SHT - 304-4		3
	Setup Cost:	142.5000		М	aterial:	304-4-S	TAINLESS STEEL		
	Process Cost:	24.7713		Ship \	Neight:		17.4537		
	Component Cost:	43.6343		Ship Weigh	t UOM:	lbs			
	Rollup Cost:	210.9056		Standar	d Cost:	2	10.9056		
CAD Part Parameters									
Par. #	Parameter Name	Va	lue	UOM		Par. #	Parameter Name	Value	UOM
1	Sheet L	.ength: 0	.000000 i	inches		25	Minimum Pem Gap:	0.000000	inches
2	Sheet	Width: 0	.000000 i	inches		26	Minimum Down Pem Gap:	0.000000	inches
3	Blank L	ength: 0	.000000	inches		27	Minimum Emboss Gap:	0.000000	inches
4	Blank	Width: 0	.000000 i	inches		28	Minimum Down Emboss Gap:	0.000000	inches
5	Material thic	<mark>kness:</mark> 0	.075000 i	inches		29	Minimum Louver Gap:	0.000000	inches
6	Per	imeter: 133	.048128 i	inches		30	Minimum Down Louver Gap:	0.000000	inches
7	Flat L	ength: 19	.699142 i	inches		31	Min. Taper Bend Line Gap:	0.000000	inches
8	Flat	Width: 42	.193245 i	inches		32	Minimum Die Cutout:	0.000000	inches
9	Round	Holes: 2	.000000	-		33	Up Bends:	8.000000	-
10	Round	<mark>l Sizes:</mark> 1	.000000	-		34	Internal Up Bends:	0.000000	-
11	Obround	Holes: 0	.000000 -	-		35	Maximum Up Bend:	5.296000	-
12	Obround	l Sizes: 0	.000000	-		36	Down Bends:	0.000000	-
13	Rectangular	Holes: 0	.000000 ·	-		37	Internal Down Bends:	0.000000	-
14	Rectangula	r <mark>Sizes:</mark> 0	.000000 -	-		38	Maximum Down Bend:	0.000000	-
15	Other	Holes: 1	.000000 ·	-		39	Fold Count:	8.00000	-
16	Othe	r <mark>Sizes:</mark> 1	.000000	-		40	Hem Count:	0.000000	-
17	Number of C	<mark>utouts:</mark> 3	.000000	-		41	Extrude Count:	0.000000	-
18	Cutout Per	<mark>imeter:</mark> 48	.355855 i	inches		42	Bend Radius:	0.120000	inches
19	Minimum Bend L	ength: 8	.451000 i	inches		43	Cutting Method:	Laser	-
20	Maximum Bend L	ength: 32	.210000 i	inches		44	Cutter Ref. Number:	-	-
21	Minimum Bend	Angle: 37	.000000	degrees		45	Certified Material:	No	-
22	Maximum Bend	Angle: 93	.000000	degrees		46	Material:	304-4	-
23	Minimum Flange	Width: 0	.927000 i	inches		47	Cutout Distance:	18.055118	inches
24	Maximum Flange	Width: 5	.296000	inches		48	Part Distance:	30.946193	inches

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CAD Part Parameter Report (Part 2 of 3)

The second portion of the **CAD Part Parameter Report** includes a list of the routing steps generated by the Routing Configurator built into the **Global Edge Engineering Assistant**. These routing steps are based on user defined routing rules that utilize the CAD part parameters to generate accurate process times based on part size, material and thickness including an accurate rollup of costs:

	Part Routing											
Trans #	Seq. #	Process	Description	UOM	Setup Time	Setup Cost	Process Time	Std. Proc. Cost				
986	1	LASER-CUT	Laser Cut Operation	hours	0.010000	1.50	0.100000	15.0000				
987	2	BEND	Press Brake Bending Operation	hours	0.500000	37.50	0.010000	0.7500				
988	3	TIG-WELD	TIG Weld	hours	0.500000	22.50	0.150000	6.7500				
989	4	DEBURR	Deburring Operation	hours	0.200000	9.00	0.068824	3.0971				
990	5	SAND-PAINT-PREP	Sand / Paint / Preparation Operation	hours	0.150000	6.00	0.016035	0.6414				
991	6	HANGING	Hanging Operation	hours	0.150000	3.75	0.020000	0.5000				
992	7	WASHING	Washing Operation	hours	0.150000	3.75	0.010000	0.2500				
993	8	PAINTING	Painting Operation	hours	0.150000	6.00	0.032069	1.2828				
994	9	CURING	Curing Operation	hours	0.250000	6.25	0.050000	1.2500				
995	10	ASSEMBLY	Assembly Operation	hours	0.250000	12.50	0.050000	2.5000				
996	11	GENERAL-LABOR	General Labor Operation	hours	0.250000	12.50	0.050000	2.5000				
997	12	FINAL-INSPECT	Final Inspection Operation	hours	0.250000	8.75	0.050000	1.7500				
998	13	PACKAGE	Package Operation	hours	0.250000	8.75	0.050000	1.7500				
999	14	SHIPPING	Shipping Operation	hours	0.150000	5.25	0.050000	1.7500				
					3.210000	\$144.00	0.706928	\$39.7713				

CAD Part Parameter Report (Part 3 of 3)

The third portion of the **CAD Part Parameter Report** includes Manufacturability Test Results. These test results are the result of comparing CAD part parameters with user defined bend processes which provides the allowable limits of your tooling sets. The left-hand portion of the report includes the bend process limits while the right-hand portion includes the CAD part parameters:

		Ma	nufactu	irability	[,] Те	st Results		
Process #:	4 Bnd Pro	oc., SS 3	804-4, 0.075, Rad	- 0.120	DEM-04	-HOUSING SHEET I	METAL HOUSIN	G
Mtl. Code:	304-4	Pass			46	Material:	304-4	-
Thickness:	0.075000	Pass	Linear UOM:	inches	5	Material thickness:	0.075000	inches
Min. Thickness:	0.072000		Max. Thickness:	0.077000				
Upper Tool Set:	2		Upper Part #:	BIU-817				
Lower Tool Set:	7		Lower Part #:	OZU-318				
Inside 90 Radius:	0.120000	Pass	Radius Tol:	0.010000	42	Bend Radius:	0.120000	inches
K Factor 90:	0.445000	Ber	nd Allowance 90:	0.008000				
Gage Allowance 90:	0.003000		Tons Per Foot:	25.000000				
Min. Flat Length:	4.000000	Pass	Max. Flat Len:	72.000000	7	Flat Length:	19.699142	inches
Min. Flat Width:	2.000000	Pass	Max. Fl. Width:	48.000000	8	Flat Width:	42.193245	inches
Max. Bend Len:	72.000000	-	Max. Tonnage:	150.000000				
Max. Part Weight:	125.000000	-	Mass UOM:	lbs				
Min. Angle:	39.00000	Fail		~	21	Minimum Bend Angle:	37.000000	degrees
Max. Angle:	180.000000	Pass			22	Maximum Bend Angle:	93.000000	degrees
Min Length:	0.750000	Pass			19	Minimum Bend Length:	8.451000	inches
Max Length:	96.00000	Pass			20	Maximum Bend Length:	32.210000	inches
Min. Flange Width:	1.200000	Pass			23	Minimum Flange Width:	0.927000	inches
Max. Flange Width:	24.00000	Pass			24	Maximum Flange Width:	5.296000	inches

Demo Section 2: Automated Sales Quote Generation

Global Edge[®] **Engineering Assistant** includes Automated Sales Quote Generation by incorporating the CAD part importation capabilities into the quoting process. Within the previous section of the software, the user can look up a customer, generate a sales quote header and attach imported CAD parts to the sales quote. Once CAD part parameters are imported and stored in the SQL database, this section of the **Global Edge**[®] **Engineering Assistant** software provides the capabilities of a full functioned quoting system.

2.1 - Customer Selection / Generate Sales Quote Header

Workflow Steps

1. The first step is to open the *Global Edge*[®] *Engineering Assistant* software by clicking on the following desktop icon:



2. This will display the following splash screen and menu options:



3. Select "CRM-Quoting > Prospect / Quote Management" followed by selecting "Find > Profile > OK" to display the following customer record:

Prospect-Maintenance										PROSPEC	л
										<u>A</u> dd	
ID #:		1001	REF #:	ABC-MFG	PHONE:	414-5	55-1100	EXT:	101	••• <u>F</u> ind	
COMPANY:	ABC MAI	NUFACTURING			MOBILE:	414-5	55-3562			<u>N</u> ext	
CONTACT:	Robert S	Smith, V.P. of Engir	neering		FAX:	414-5	55-1105			Previ	ious
E-MAIL:	rsmith@	abc-manufacturing	.com		LET:	Bob					
ALT. CONTACT:	Julie Smi	th, Accounting Mar	nager		ATH:	MFD	MAKES FINAL	DECSN		Goto)
ADDRESS 1:	5000 We	est Industrial Way			REP:	RDS	Robert D. Smi	th		Tickle	r
ADDRESS 2:					TER:	US1	USA - CENTRA	NL		Updat	æ
CITY/STATE/ZIP:	Milwauke	e	WI	55555	CUS:	MFR	MANUFACTUR	ER		Conta	ct
COUNTRY:	United S	tates of America				>>>1	TICKLER DATE:	04/01/2	022 [4]3		
ACTION:	CLL	CALL		Setup Demonstra	tion of Global	Edge Er	ngineering Assist	ant		Edit-No	tes
RODUCT INTEREST:	CAB	CABINET		Fabricated Sheet	Metal					Opportu	nit
LEAD SOURCE:	TRS	TRADE SHOW								Sales-Qu	Jot
TYPE:	С	MEET REQINTE	REST	l l						More	
POTENTIAL:		\$5000.00		PRICE LIST:						Delet	
SALES STAGE:	4	Quoting Stage				INIT	IAL CONTACT:	04/01/2	022 부분의	Delet	-
WEBSITE:	www.ab	c-manufacturing.co	om			ļ	AST CONTACT:	04/01/2	022 분분의	Work Qu	ieu
NAICS CODE:						EMPL	OYEE COUNT:		140	QUIT	г
SIC CODE:					AN	NUAL RE	EVENUE: 15 to	20 million	1		
PRODUCTS:	Fabricat	ed Sheet Metal									
NOTES:	Sheet M	etal Products									
		(and									
DATE ADDED:	_	123				DA	TE MODIFIED:		133		
801											

4. Select "Sales-Quote" to display the following screen form and menu options:

PROSPECT	QUOTE: Global	Edge Windows	Demo Server						_		×
Sales-Quotes										QUOTE	
								•		Add	=
CUST #:	1001	REF #:	ABC-MFG	ABC MANUFACTURING						Upda	æ
QUOTE #	DATE		NOT	E	STATUS	TOTAL	TASKS			View	
1001	09/01/2022	Fabricated Sh	neet Metal Parts		ENTERED	\$28429.43	0			··· Print	
										Lette	r
											<u> </u>
										Delet	e
					-					Note	s
										_	51
						OPEN TASKS:	0			QUI	
PR07								w			
Add New Sales Q	uote										OVR .:

5. Select "Update" and select QUOTE #: 1001 followed by "OK" to display the following screen form and menu options:

Quote Header Information Update CUST #: 1001 REF #: ABC MANUFACTURING [Immile QUOTE #: 1001 QUOTE REF #: REVISION #: STATUS: Entered [Immile QUOTE #: 1001 QUOTE REF #: REVISION #: STATUS: Entered [Immile NOTE: Fabricated Sheet Metal Parts ENG. APPROVAL: No 9/01/2022 IMA LOCATION #: 1 CORP. HEADQUARTERS / MANUFACTURING QUOTE DATE: 09/01/2022 IMA CONTACT #: 1		der								QUOTE
CUST #: 1001 REF #: ABC MANUFACTURING Quote QUOTE #: 1001 QUOTE REF #: REVISION #: STATUS: Entered Quote NDTE: Fabricated Sheet Metal Parts ENG. APPROVAL: No Vo Vo LOCATION #: 1 CORP. HEADQUARTERS / MANUFACTURING QUOTE DATE: 09/01/2022 M34 Wo CONTACT #: 1	uote Head	der Info	rmation							Update
CUST #: 1001 REF #: ABC MANUFACTURING QUOTE #: 1001 QUOTE REF #: REVISION #: STATUS: Entered No NOTE: Fabricated Sheet Metal Parts ENG. APPROVAL: No										Items
QUOTE #: 1001 QUOTE REF #: REVISION #: STATUS: Entered Image: Construction of the con	C	UST #:	1001	REF #:		ABC	MANUFACTURI	NG		Configur
NOTE: Fabricated Sheet Metal Parts ENG. APPROVAL: No No LOCATION #: 1 CORP. HEADQUARTERS / MANUFACTURING QUOTE DATE: 09/01/2022 B& CONTACT #: 1	QU	OTE #:	1001	QUOTE REF #:		REVISION #:		STATUS:	Entered \sim	
LOCATION #: 1 CORP. HEADQUARTERS / MANUFACTURING QUOTE DATE: 09/01/2022 B&A CONTACT #: 1		NOTE:	Fabricated She	et Metal Parts				ENG. APPROVAL:	No 🗸	Notes
CONTACT #: 1 VALID THRU: 09/30/2022 BAI PPORTUNITY #: 1 APPROVED: BAI PROJECT #: SUBMITTED: BAI JOB #: SUBMITTED: BAI QUOTE BY: RDS PURGE: No PURGE DATE: BAI SALES REP: RDS ROB CLOSE %: 0.0 GEN PART: No Eom SHIP WEIGHT: 439.5 bs SHIP DAYS: 10 OPEN TASKS: 0 SHIP WIGHT: 439.5 bs SHIP DAYS: 10 OPEN TASKS: 0 SHIP WIGHT: 439.5 bs SHIP DAYS: 10 OPEN TASKS: 0 SHIP VIA: UPS UNITED PARCEL SER. FOB LOCATION: Shipping Point Status Status PAY TERMS: N30 NET 30 DAYS NET CHARGE: \$28254.43 Qurie INET HOL: Cost-Plus FACTOR: 1.5 FREIGHT: \$175.00 PRICE LIST: 1 UNIT UNIT UNIT PRICE EXTENDED CFG STATUS INET DEM-01-APRON 50.00	LOCAT	ION #:	1 COF	P. HEADQUARTE	RS / MANUFACTURING			QUOTE DATE:	09/01/2022 분홍의	Ship
PPORTUNITY #: 1 APPROVED: #Xiii PROJECT #: SUBMITTED: #Xiii JOB #: SUBMITTED: #Xiii QUOTE BY: RDS PURGE: No PURGE DATE: #Xiii SALES REP: RDS RDS CLOSE %: 0.0 GEN PART: No Common SHIP WEIGHT: 439.5 bs SHIP DAYS: 10 OPEN TASKS: 0 Gen max SHIP WEIGHT: 439.5 bs SHIP DAYS: 10 OPEN TASKS: 0 Gen max SHIP WEIGHT: 439.5 bs SHIP DAYS: 10 OPEN TASKS: 0 Gen max SHIP WAR: N30 NET 30 DAYS FOB LOCATION: Shipping Point gehedu PAY TERMS: N30 RATE: 0.0 % QUOTE TOTAL: \$28254.43 gride Image: Sales Tax: \$30.00 Karte: \$30.00 % Quote: Total: \$28429.43 uote Litems PART NUMBER QUANTITY UNIT UNIT PRICE EXTENDED CFG STATUS 1 DEM-01-APRON \$0.000	CONT	ACT #:	1					VALID THRU:	09/30/2022 분용의	Print
PROJECT #: SUBMITTED: BX3 JOB #: PURGE: No PURGE DATE: BX3 QUOTE BY: RDS PURGE: No PURGE DATE: BX3 SALES REP: RDS RDS CLOSE %: 0.0 GEN PART: No Porter SHIP WEIGHT: 439.5 Ibs SHIP DAYS: 10 OPEN TASKS: 0 Gen Part: Borna SHIP WIA: UPS UNITED PARCEL SER. FOB LOCATION: Shipping Point gehedu PAY TERMS: N30 NET 30 DAYS NET 40 DAYS SALES TAX: \$0.00 PRICE LIST: 1 SALES TAX: \$0.00 Gree Work-Qu TAXABLE: No RATE: 0.0 % QUOTE TOTAL: \$28429.43 uote Items FOR HOL-APRON 50.0000 EA \$173.6969 \$8684.85 Pending 1 DEM-01-APRON 50.0000 EA \$173.6969 \$8684.85 Pending 2 DEM-01-APRON 50.0000 EA \$173.6969 \$8684.85 Pending 2 DEM-01-APRON	PPORTUN	NITY #:	1					APPROVED:	1.33	
JOB #:	PROJ	ECT #:						SUBMITTED:	1.1.2	Letter
QUOTE BY: RDS PURGE: No PURGE DATE: BXA SALES REP: RDS Robert D. Smith CLOSE %: 0.0 GEN PART: No Image: Constraint of the second		JOB #:								<u>e</u> Xcel
SALES REP: RDS Robert D. Smith CLOSE %: 0.0 GEN PART: No Image: Constraint of the state of	QUO.	TE BY:	RDS			PURGE	: No 🗸	PURGE DATE:	1.1.2	Documer
SHIP WEIGHT: 439.5 bs SHIP DAYS: 10 OPEN TASKS: 0 SHIP VIA: UPS UNITED PARCEL SER. FOB LOCATION: Shipping Point gtaTu PAY TERMS: N30 NET 30 DAYS NET CHARGE: \$28254.43 METHOD: Cost-Plus FACTOR: 1.5 FREIGHT: \$175.00 PRICE LIST: 1 SALES TAX: \$0.00 % Quote TotAL: \$282429.43 uote Items	SALES	S REP:	RDS Rober	t D. Smith		CLOSE %	. 0.0	GEN PART:	No ~	
SHIP VIA: UPS UNITED PARCEL SER. FOB LOCATION: Shipping Point gched. PAY TERMS: N30 NET 30 DAYS NET CHARGE: \$28254.43 METHOD: Cost-Plus FACTOR: 1.5 FREIGHT: \$175.00 PRICE LIST: 1 SALES TAX: \$0.00 Qrder TAXABLE: No RATE: 0.0 % QUOTE TOTAL: \$28829.43 uote Items LINE PART NUMBER QUANTITY UNIT UNIT PRICE EXTENDED CFG STATUS 1 DEM-01-APRON 50.0000 EA \$173.6969 \$8864.85 Pending 2 DEM-01-APRON 50.0000 EA \$108.016 \$4950.79 Pending 3 DEM-03-ADCTR-BOX 25.0000 EA \$168.270 \$5168.270 \$210.9056 \$210.90	SHIP W	FIGHT	430	5 lbe		SHIP DAYS	. 10	OPEN TASKS		Eorma
Sin Vak. OrS OutleD PARCEL SLK. For Eventions. Sin party Point. PAY TERMS: N30 NET 30 DAYS NET CHARGE: \$28254.43 METHOD: Cost-Plus FACTOR: 1.5 FREIGHT: \$175.00 PRICE LIST: 1 SALES TAX: \$0.00 \$0.0 % Quote Total: \$282929.43 uote Items UNIT UNIT PRICE Extended \$664.02 \$0.00 \$0.0 \$0.00 \$0.00 1 DEM-01-APRON 50.0000 EA \$173.6969 \$8864.85 Pending 2 DEM-01-APRON 50.0000 EA \$168.2720 \$5889.50 Pending 3 DEM-03-BOTTOM-DLH 35.0000 EA \$168.2720 \$5289.50 Pending 4 DEM-05-PANEL 40.0000 EA \$210.9056 \$2109.05 \$2109.06 Pending 5 DEM-05-PANEL 40.00000 EA \$165.5053 \$6620.21 Pending	SHI					FORLOCATION	Shinoing Pr	vint		staTus
METHOD: Cost-Plus FACTOR: 1.5 FREIGHT: \$175.00 PRICE LIST: 1 SALES TAX: \$0.00 <td>ΡΔΥΤ</td> <td>FRMS</td> <td>N30 NET 3</td> <td></td> <td></td> <td></td> <td>ompping re</td> <td>NET CHARGE:</td> <td>¢28254.43</td> <td>schedul</td>	ΡΔΥΤ	FRMS	N30 NET 3				ompping re	NET CHARGE:	¢28254.43	schedul
PRICE LIST: 1 SALES TAX: \$0.00 TAXABLE: No RATE: 0.0 % 0.0 % QUOTE TOTAL: \$28429,43 uote Items LINE PART NUMBER QUANTITY UNIT UNIT PRICE EXTENDED CFG STATUS 1 DEM-01-APRON 50.0000 EA \$173.6969 \$8684.85 Pending 2 DEM-02-LOAD-CTR-BOX 25.0000 EA \$168.2720 \$8989.52 Pending 3 DEM-03-BOTTOM-DLH 35.00000 EA \$210.9056 \$2109.065 Pending 5 DEM-05-PANEL 40.00000 EA \$165.5053 \$6620.211 Pending	MF	THOD:	Cost-Plus		2: 15			FREIGHT:	\$175.00	Orders
Index Exit Image: Constraint of the constrai	PRICE	ELIST:	1					SALES TAX:	\$175.00	Gracia
Induction PART NUMBER QUANTITY UNIT UNIT PRICE EXTENDED CFG STATUS 1 DEM-01-APRON 50.0000 EA \$173.6969 \$8684.85 Pending 2 DEM-02-LOAD-CTR-BOX 25.0000 EA \$198.0316 \$4950.79 Pending 3 DEM-03-BOTTOM-DLH 35.0000 EA \$168.2720 \$5889.52 Pending 4 DEM-04-HOUSING 10.0000 EA \$210.9056 \$2210.9056 Pending 5 DEM-05-PANEL 40.0000 EA \$165.5053 \$6620.21 Pending	таз		No	PATE:	0.0 %	0.0 %			÷29420 43	Work-Que
Deter PART NUMBER QUANTITY UNIT UNIT PRICE EXTENDED CFG STATUS 1 DEM-01-APRON 50.0000 EA \$173.6969 \$8684.85 Pending 2 DEM-02-LOAD-CTR-BOX 25.0000 EA \$198.0316 \$4950.79 Pending 3 DEM-03480TTOM-DLH 35.0000 EA \$168.2720 \$5889.52 Pending 4 DEM-04-HOUSING 10.0000 EA \$210.9056 \$22109.66 Pending 5 DEM-05-PANEL 40.0000 EA \$165.5053 \$6620.21 Pending			NO ·		0.0 /0	0.0			92072 3 ,73	QUIT
Image: Construction of the second s		15	PART NUMB	FR		LINTT		EXTENDED	CEG STATUS	
2 DEM-02-LOAD-CTR-BOX 25.0000 EA \$198.0316 \$4950.79 Pending 3 DEM-03-BOTTOM-DLH 35.0000 EA \$168.2720 \$5889.52 Pending 4 DEM-04-HOUSING 10.0000 EA \$210.9056 \$2109.05 Pending 5 DEM-05-PANEL 40.0000 EA \$165.5053 \$6620.21 Pending	Jote Item I INF		1747110110		50.0000	EA	\$173.6969	\$8684.85	Pending	
3 DEM-03-BOTTOM-DLH 35.000 EA \$168.2720 \$5889.52 Pending 4 DEM-04-HOUSING 10.0000 EA \$210.9056 \$2109.06 Pending 5 DEM-05-PANEL 40.0000 EA \$165.5053 \$620.21 Pending	LINE	DEM-0	1-APRON				++00.0046	¢4050.70	Pending	
4 DEM-04-HOUSING 10.0000 EA \$210.9056 \$2109.06 Pending 5 DEM-05-PANEL 40.0000 EA \$165.5053 \$6620.21 Pending	LINE 1 2	DEM-0 DEM-0	1-APRON 2-LOAD-CTR-BC	X	25.0000	EA	\$198.0316			
5 DEM-05-PANEL 40.0000 EA \$165.5053 \$6620.21 Pending	LINE 1 2 3	DEM-0 DEM-0 DEM-0	1-APRON 2-LOAD-CTR-BC 3-BOTTOM-DLH	X	25.0000 35.0000	EA EA	\$198.0316 \$168.2720	\$5889.52	Pending	
	LINE 1 2 3 4	DEM-0 DEM-0 DEM-0 DEM-0	1-APRON 2-LOAD-CTR-BC 3-BOTTOM-DLH 4-HOUSING	IX	25.0000 35.0000 10.0000	EA EA EA	\$198.0316 \$168.2720 \$210.9056	\$5889.52 \$2109.06	Pending Pending	
	LINE 1 2 3 4 5	DEM-0 DEM-0 DEM-0 DEM-0 DEM-0	1-APRON 2-LOAD-CTR-BC 3-BOTTOM-DLH 4-HOUSING 5-PANEL	X	25.0000 35.0000 10.0000 40.0000	EA EA EA EA	\$198.0316 \$168.2720 \$210.9056 \$165.5053	\$1550.75 \$5889.52 \$2109.06 \$6620.21	Pending Pending Pending	
	LINE 1 2 3 4 5	DEM-0 DEM-0 DEM-0 DEM-0	1-APRON 2-LOAD-CTR-BC 3-BOTTOM-DLH 4-HOUSING 5-PANEL		25.0000 35.0000 10.0000 40.0000	EA EA EA	\$198.0316 \$168.2720 \$210.9056 \$165.5053	\$5889.52 \$2109.06 \$6620.21	Pending Pending Pending	
	LINE 1 2 3 4 5	DEM-0 DEM-0 DEM-0 DEM-0	1-APRON 2-LOAD-CTR-BC 3-BOTTOM-DLH 4-HOUSING 5-PANEL	X	25.0000 35.0000 10.0000 40.0000	EA EA EA EA	\$198.0316 \$168.2720 \$210.9056 \$165.5053	\$1367.75 \$5889.52 \$2109.06 \$6620.21	Pending Pending Pending	
	UDE Item LINE 1 2 3 4 5 	DEM-0 DEM-0 DEM-0 DEM-0	1-APRON 2-LOAD-CTR-BC 3-BOTTOM-DLH 4-HOUSING 5-PANEL		25.0000 35.0000 10.0000 40.0000	EA EA EA EA	\$198.0316 \$168.2720 \$210.9056 \$165.5053	\$1536.75 \$5889.52 \$2109.06 \$6620.21	Pending Pending Pending	
	LINE 1 2 3 4 5	DEM-0 DEM-0 DEM-0 DEM-0	1-APRON 2-LOAD-CTR-BC 3-BOTTOM-DLH 4-HOUSING 5-PANEL		25.0000 35.0000 10.0000 40.0000	EA EA EA EA	\$198.0316 \$168.2720 \$210.9056 \$165.5053	\$153.15 \$5889.52 \$2109.06 \$6620.21	Pending Pending Pending	
	LINE 1 1 2 3 4 5	DEM-0 DEM-0 DEM-0 DEM-0	1-APRON 2-LOAD-CTR-BC 3-BOTTOM-DLH 4-HOUSING 5-PANEL		25.0000 35.0000 10.0000 40.0000	EA EA EA EA	\$198.0316 \$168.2720 \$210.9056 \$165.5053	\$153.15 \$5889.52 \$2109.06 \$6620.21	Pending Pending Pending	

2.2 – Sales Quote Item Configuration / Cost Rollups

 Select "Items > Update" and select LINE #: 1 (DEM-01-APRON) followed by "OK" to display the following screen form and menu options:



7. The next step is to select "Configure" option which will execute the Routing Configurator to generate routing steps for the selected part and automatically rollup the time and material costs based on the imported CAD part parameters. When the Routing Configurator is done executing, select the "Update" option to update the part quantity and extended pricing:

Update Quo	te Item In	formation	, then Press [OK]:					Cancel
	CUST #:	1	ABC N	IANUFACTUR	RING				F5-Oty, Dis
Q	UOTE #:	1	1001	ITEM #:	1	OPE	N TASK #:		E6-Discours
	PART #:	DEM-01	-APRON			PROTE	CT PHASE:		TODISCOURT
APRON		22.101				LIST PRICE:		\$0.00	F7-Part #
						STANDARD COST:		\$173.6969	F8-Phase
						QUOTE COST:		\$173.6969	F9-Unit
						ROLL-UP COST:		\$173.6969	F10-Quantit
						MFR. SET-UP COST:		\$144.0000	
		_				ONE TIME CHARGE:		\$0.0000	
PRICE N	IETHOD:	Manual	~	FACTOR:		ON HAND:		0.0000	
PRICE	LIST #:						TAXABLE	?: No ~	
	OBDE	n .	QUANTITY	L EA	IOM	UNIT PRICE	EXTE	NDED	
	UKDE	K:	DISCOUNT	- EA	0/	\$173,6969		50004.00	
CONFIG STAT	US		WEIGHT	: Ibs	^	0.09		4.5	
Standard	\sim		OVER/UNDER	l: 0.0	1	0.0 % CERTIFIE	D MATERIAL	?: No ~	

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8. Select "F10-Quantity" option to display Quantity Pricing Screen:

						Cancel
PART	#: DEM-01-APRC	N	APRON			Insert
		LIST PRICE:				Append
ROW	QUANTITY	UNIT COST	UNIT PRICE	EXT.COST	EXT.PRICE	Delete
1	1.0000	\$173.6969	\$208.4400	\$173.6969	\$208.44	
2	10.0000	\$44.0969	\$52.9160	\$440.9690	\$529.16	
3	50.0000	\$32.5769	\$39.0924	\$1628.8450	\$1954.62	
4	100.0000	\$31.1369	\$37.3643	\$3113.6900	\$3736.43	
5	250.0000	\$30.2729	\$36.3275	\$7568.2250	\$9081.88	

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2.3 – Generate PDF Sales Quote Report

9. Return to QUOTE menu and select "*Print*" option to generate Sales Quote Report:

Sample Sales Quote

		JESK	2N	PR	ICE QUO	ΓΑΤΙ	ЛС	
000 West Produ O. Box 5544 roductionville, hone: 262-695- ww.ldcglobal.c	uct Avenue WI 55555 1300 Fax: com	: 262-695-1313						
UBMITTED TO	:			SHIP TO:	НІР ТО:			
ABC Manufactu 5000 West Indu	uring Comp Istrial Wav	any		ABC Manufacturing Company 5000 West Industrial Way		E- Pł	MAIL: <u>rsmith@abc-m</u> IONE: 414-555-1100	anufacturing.com
Ailwaukee, WI Jnited States o	55555 of America			Milwaukee, WI 55555 United States of America			FAX: 414-555-1105	
QUOTE #	REV #	QUOTE DATE	VALID THRU	J SHIP VIA	DAYS2SHIP		PAY TERMS	SALES REP.
1001		04/03/2022	05/02/2022	BEST WAY	10		NET 30 DAYS	Robert Smith
QTY. QUOTED	UOM	PAF	RT #	DESCRIPTION		TAX	UNIT QUOTE	EXTENDED
50.000	EA	DEM-01-APRON		APRON		N	173.6969	8,684.8
25.000	EA	DEM-02-LOAD-C1	R-BOX			N 196,0310		4,950.7
35.000	EA	DEM-03-BOTTOM	-DLH	BOTTOM DISPLAY LIGHT HOUSING		N	168.2720	5,889.5
10.000	EA	DEM-04-HOUSING	3	SHEET METAL HOUSING		N	210.9056	2,109.0
40.000	EA	DEM-05-PANEL		SHEET METAL PANEL		N	165.5053	6,620.2
PAYMENT SCHE	EDULE **	<u>I</u>					QUOTE SUB-TOTAL: SALES TAX:	28,254.4 0.0