



6775 Nineteen Mile Road
 Sterling Heights, MI 48314
 586-757-0400 (PHONE) 586-757-7208 (FAX)

Company: _____
 Address: _____

Name: _____
 Phone#: _____
 Fax#: _____
 Email: _____

1. Part/Application: _____

(Note- All Dimensions Are To Be In Inches; For Torque Application See Sec. 2)

Part Size:

Wt. (LBS)	Height	Width	Length	I.D.	O.D.

Part Orientation At Pick-Up: Vertical Horizontal Other

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Pick Part From: Dunnage Conveyor Machine Other

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Other Describe: _____

Unload Part To: Dunnage Conveyor Machine Other

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Other Describe: _____

	Min	Max
Part Pick-Up Height:		
Part Drop Off Height:		

Preferred Method Of Pick-Up: Hook Clamp Vacuum Magnet Other

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Other Describe: _____

Will The Part Need To Be Rotated/Tilted: _____
 (Please Describe) _____

Number Of Cycles Per Hour: _____ Shifts Per Day: _____

Sequence Of Handling: _____

End Effector Type:

Hook	Mech	Clamp	Vacuum	Magnet	Other

Other Describe: _____

2. Torque Application Name: _____

Vert Up	Vert Down	Hor.	Both	Other

Other Describe: _____

Min	Max	Angle(+/-)

Air	DC	R. Angle	Inline	Other

Other Describe: _____
 (Off-Set, Crowfoot, Etc.)

Single Or Multi Spindle: _____ How Many Spindles: _____

Multiple Center To Center:	Min	Max	B.C. Dia

Does This Require A Back-UP Socket: _____

Powered Or Manual Back-UP, Other: _____

Other Describe: _____

Secure Height:	Min	Max

3. Preferred Lift Or Reaction Device:

Torque Tube: _____
 Torque Arm: _____
 Cable: _____
 Other: _____

Style (Manipulating/Articulating): _____
 Style (Can/Cylinder/Spring): _____

Lift Fixed Mounting (Y/N):	Floor	Overhead	Conveyor	Bench	Jib + (Length) + Rotation

Overhead Rail Mounted (Type/Manufacturer): _____

Runway(Y/N):		Single/Dual (Length):	_____
Bridge (Y/N):		Single/Dual (Length):	_____
2 Trolley Carriage (Y/N):			
4 Trolley Carriage (Y/N):			
Festooning (Y/N):		Air/Electric:	_____

Overhead Support Steel (Size & Type): _____
 Center To Center X Length Of Steel: _____

4. Controls:

Pneumatic/PLC: _____ Available Volt/PSI: _____

Zero-G Balance (Y/N): _____ Multi Balance (Qty.): _____

Pendant Up/Down: _____ Variable Speed: _____

Fixture Functions:

Load	Unload	Tilt/rotate	Rot/Tilt Ret	Extend	Retract	Brake O/F

Controls Sequence: _____

Design & Build Specs:

Please Provide Any Of The Following:

Drawings: _____ Parts: _____
Photos: _____ Dunnage: _____
Videos: _____ Sketches: _____

Provide Design & Build Specifications (Y/N): _____

List Any Obstructions Or Special Instructions:

