

Fancort's E- Flex and Flex Comparisons

28_May_2015

Fancort's Standard Flex System

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Standard Features	E- Flex		Manua	Mic. Floating Anvil Notes & Information
Adjustable "tip to tip and stand-off height "	yes	yes	yes	
Two-sided form and trim with fixed foot	yes	yes	yes	
Interchangeable foot size	no	*yes	*yes	* Change Bottom cutters, formers and pressure pads
Micrometer stand off control	yes	yes	* yes	* This premium system is supplied with
				Electronic Floating Anvil. A Fancort innovation.
Stand-off height standard tolerance	+/002	+/002	*+/- 0.001"	* Via Fancort Unique Floating anvil system
Tie bars must be removed, on quads	yes	yes	yes	F-3A Fancort universal one sided cutter is suggested
External loader for hands free processing	no	*yes	*yes	*This feature allows quads to be processed more accurately
External centering station locates Flat packs, Quads and B. Brazed parts	no	*yes	*yes	*for BB use an external centering nest
Robotic pick up arm & manual fool proof Vacuum Loader	no	yes	yes	The Human that is there is in control of the process
Change tool for Lead Material thickness	yes	yes	yes	.012 max material thickness for Flexes
Change springs to adjust forming and results and maintain foot angles	no	*yes	*yes	* By changing the removable spring pack
Plated to prevent rust	yes	yes	yes	
Press included in the system	yes	yes	*yes	Modified 5000L for E Flex and Manual Micrometer Standard Flex
Floating anvil / automatic stand-off control	no	no	*yes	*Modified 5000L-2-5 automatic press for the
	Floating Anv	il Flex & 1	00% stand-of	f height control & verification. No Mistakes.
Change foot angle once the tool is delivered	no	*yes	*yes	* Change Bottom cutters, formers/ pressure pads
Standard part size Min. X width	.188"	0.25"	0.25"	Forming specs can affect this greatly
Standard part size Max. X width	2.125"	3"	3"	Forming specs can affect this greatly
Standard part length Max. Y Length	2.5"	2	2"	Front to back in the tool, leads need to be inside this
				dimension
Body thickness	1"	*.3"	*.3"	* Can be offered with more clearance and travel, pkgs to .75"
Above the forming lines	0.4"	*.15"	*.15"	* Can be offered with .400" above the forming lines
				with optional Tall version
Below the forming lines	*.6"	*.15"	*.15"	* Can be offered with .350" below the forming lines
				with optional Tall version
Facilities required 100lbs air pressure	Air only	Air Only	Air &	Air for standard flex and E flex and voltage 110/220 for
			Voltage	Electronic floating anvil press
Max leg height	0.225"	*.23"	*.23"	* .365 with optional Tall version

Economy

General Notes:

All dimensions are in inches.

Package / body size can affect dimensions and tolerance for each tool.

Tools will accept flat unformed parts with tie bars removed.

Free training at Fancort is strongly suggested.

Upper and lower radius should be matched and suggested 1.5 x lead material thickness minimum to reduce sticking.

Leads should be tinned after forming, this keeps the tools clean and accurate and prevents sticking to the anvils.

For quoting, please send us your forming specifications for all of the devices that you want to process.

Fancort will review and suggest options based on your scope of work and devices to be formed.