



FAB (Features, Advantages and Benefits), Why a Fancort FLEX!

The **Fancort FLEX system** is different than anything else on the market for the following reasons:

1. **Fancort FLEX has an external centering station** which allows for all parts to be centralized outside of the tool. This reduces the need for EXTRA internal anvils for centering the device. This makes the operation and set up less costly and time consuming versus tools without loaders. **It also makes it possible to process fine pitch quads vs. flat packs in basic flat pack two-sided tools.**
2. **There are two different types of Fancort FLEX Systems.** They are available in 2"X 3" (Standard) and 3"X 3" versions which set us apart from the competition.
3. **Fancort FLEX has a vacuum loading arm** to aid the operator with loading parts. This improves forms and yields, reduces mishandling which can damage leads. This will also improve coplanarity and over-all forms.
4. **Fancort FLEX has "floating anvil technology":** This system uses a unique electromechanical module that measures and sets the standoff/air gap height from the PCB to the bottom of the package. The "A" dimension (standoff height) is adjustable via a metric micrometer using stepper motors and special sensor switches. This is Fancort patented technology.
- 4a. **Fancort's manual standoff height adjustable FLEX is \$13,000 less than the "floating anvil" version and can yield similar forming results, but the operator manually controls the standoff height.**
5. **Fancort FLEX has interchangeable die members** that allow the customer to change and adjust every dimension on a gull wing form: foot, shoulder, lead material thickness and radius.
6. **The Fancort FLEX system has optional interchangeable spring packs** that allow the customer to adjust proper spring pressure from small flat packs to very large quad packs.
7. **Our systems are used in various divisions of all major aerospace and defense** companies worldwide: JPL, NASA, Boeing, Lockheed, BAE, GEC SIT, EADS, MIT, Raytheon, Goodrich Aerospace, Textron, Honeywell Aerospace, Department of Defense, General Dynamics, Canadian Aerospace, 4 divisions of Russia Aerospace, Japanese DOD and many others.
8. **Fancort is recommended by:** Actel, Nation Semiconductor, Texas Instruments, Maxwell, Xilinx and Vitesse. These recommendations can be viewed on their web-sites.
9. **Fancort's FLEX video** is available at: <http://fancort.com/smt/flex.html> and our standard catalog: [http://www.fancort.com/pdfs/New Tooling Catalog 31 December 2008.pdf](http://www.fancort.com/pdfs/New_Tooling_Catalog_31_December_2008.pdf)