



Micro Transfer® Experts  
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## Frequently Asked Questions

- 1) How can we estimate the cost of the Micro transfer system?

*The best way is to get a quote directly from Jacar.*

- 2) What information does Jacar need to prepare a formal quotation?

*Jacar will need some basic process information including:*

*A. Press and tooling information B. Part size and weight. C. Number of die stations D. How the material is fed into the tool, press stroke, etc... We don't need to know everything. The more information we have the more accurate we can be.*

- 3) Does Jacar build the complete die and tooling package or just the Micro Transfer® system?

*We do not build the die. Our main focus at Jacar is on the manufacturing and distribution of our patented Micro Transfer® systems and the part handling rails.*

- 4) Who would we ask to design or build the In-Die Transfer tooling?

*We can design your tool for you or will be happy to work with your favorite tool shop. We can also recommend one to you if you need these services.*

- 5) Can the Micro Transfer® be used with multiple different parts or families of parts?

*Yes it can. We have customers that use one system on multiple parts.*

- 6) What kind of strokes per minute (SPM) can we expect?

*Most of our systems run between 15 and 40 SPM, however there are multiple and complex items that must be considered when establishing SPM. If you need to establish a specific SPM please contact us.*

7) Can the Jacar Micro Transfer® reposition, turn or rotate a part in the die?

*Yes it can. A Micro Transfer® system can rotate or roll parts over, reposition parts within the die station, and increase/ decrease the space between parts*

8) If we have a part that does not fit within your standard specifications can Jacar customize or build a special?

*Yes we can. Please contact Jacar Systems if you think you need something special.*

9) Will the Micro Transfer® handle tubes, loose parts or wire parts?

*Yes, a micro Transfer® will transfer loose parts like tubes and wire, round or square blanks, pre formed parts, and even extruded aluminum.*

10) How do we feed blanks or loose parts into a Micro Transfer® tool?

*A part feeding systems is used for feeding blanks or loose parts into a tool. Jacar can work with you to develop a part feeder or design and build a part feeder for you. Please contact Jacar Systems if you think you need this option.*

11) What kind of engineering support does Jacar offer?

*In addition our die design services, Jacar has engineering support throughout the entire process. We will assist you with the initial proposal, process development, and tool design through final run-off.*

12) Does Jacar offer engineering or consulting services?

*If requested Jacar can quote engineering, die design and consulting services.*

13) Will Jacar come to our plant to help with tryout & debugging of the tool?

*Jacar can come to your plant and or tool shop. We will assist you with the installation, tryout, and the operational training.*

14) What are the standard sizes and specifications?

*Our standard systems work within the following specifications:*

*Press stroke range is 8" to 18"*

*Pitch range from 5" to 12"*

*Lift ranger from 0" to 3"*

*Drive in-out range from 0" to 7"*

***We do make specials that are outside these standards.***

15) How do we design around the transfer system?

*Jacar will supply a full mounting sheet (CAD) that you use to design the die around and we review the design with you several times to insure there are no issues. We also can provide you with a check list to assist your die designers.*

16) Is the Micro Transfer® system a standard off the shelf systems?

*Yes, each Micro Transfer® is configured with standardized Jacar components. The final system is configured to standard travels, and sizes with the exact timing requirements for your specific process. Although Jacar can do specials systems, even they will have many standard components.*

17) Can a Micro Transfer System run in two different stroke presses and is there change over to do that?

*Yes, a Micro Transfer® system can be engineered to have change over for multiple press strokes. You may want to do this when the tool shop press is in a press that has a stroke different than the end user's press. Another example would be when you have a normal run press and a back up press with two different strokes.*