



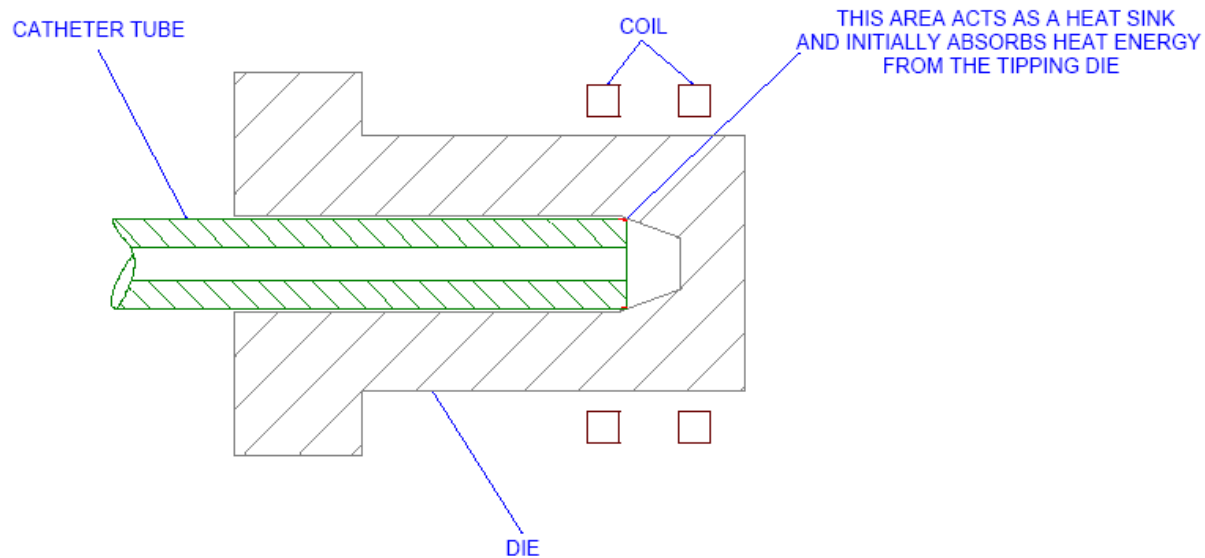
**PLASTIC WELD
SYSTEMS, INC.**

Precision Catheter Manufacturing Equipment

Die Configuration & Heat Application Theory

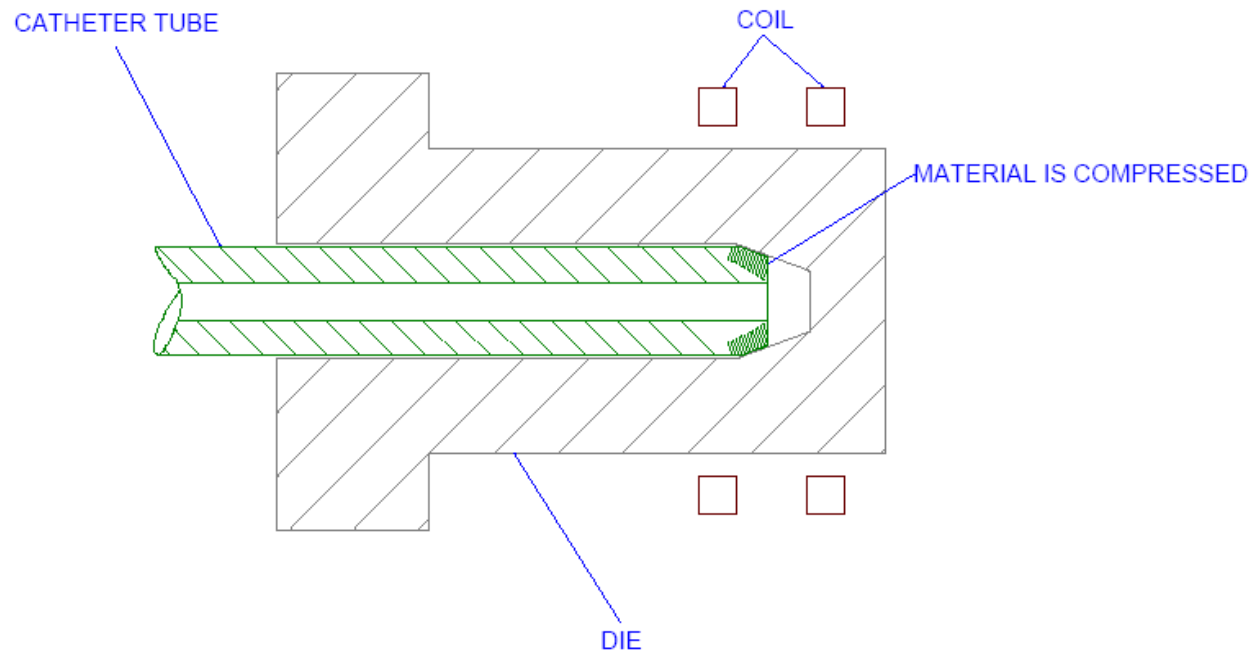
Die Configuration & Heat Application Theory

Tipping Conditions – Heat Sink



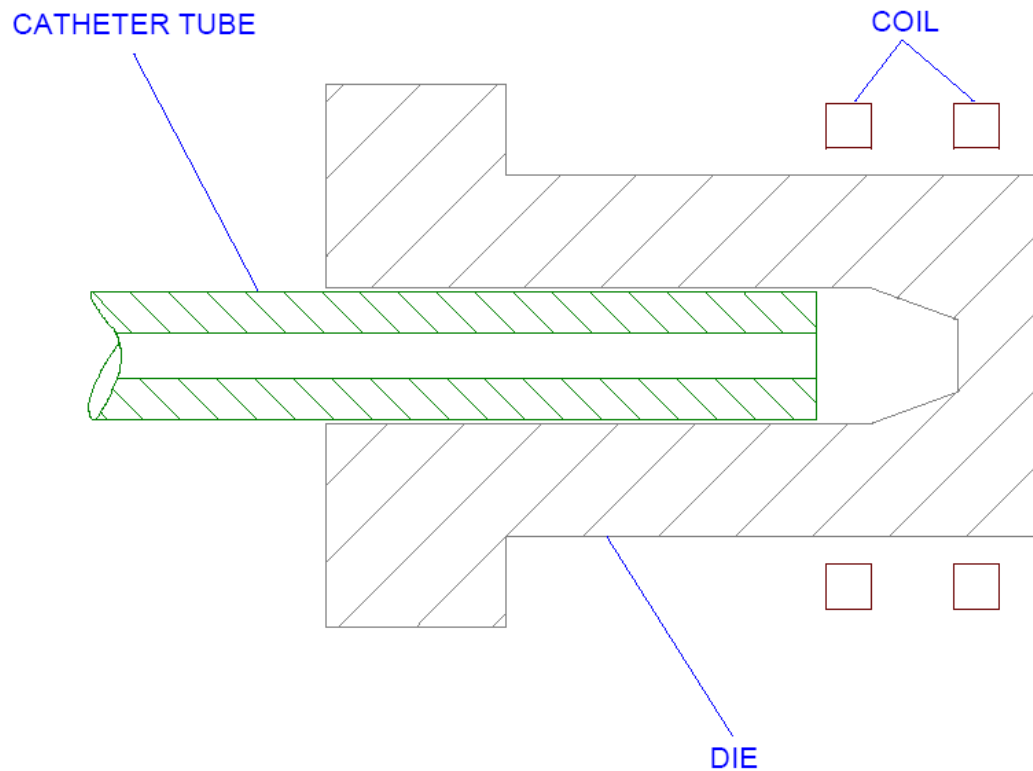
Die Configuration & Heat Application Theory

The tube acts as a heat sink when it is pushed too far into the die.

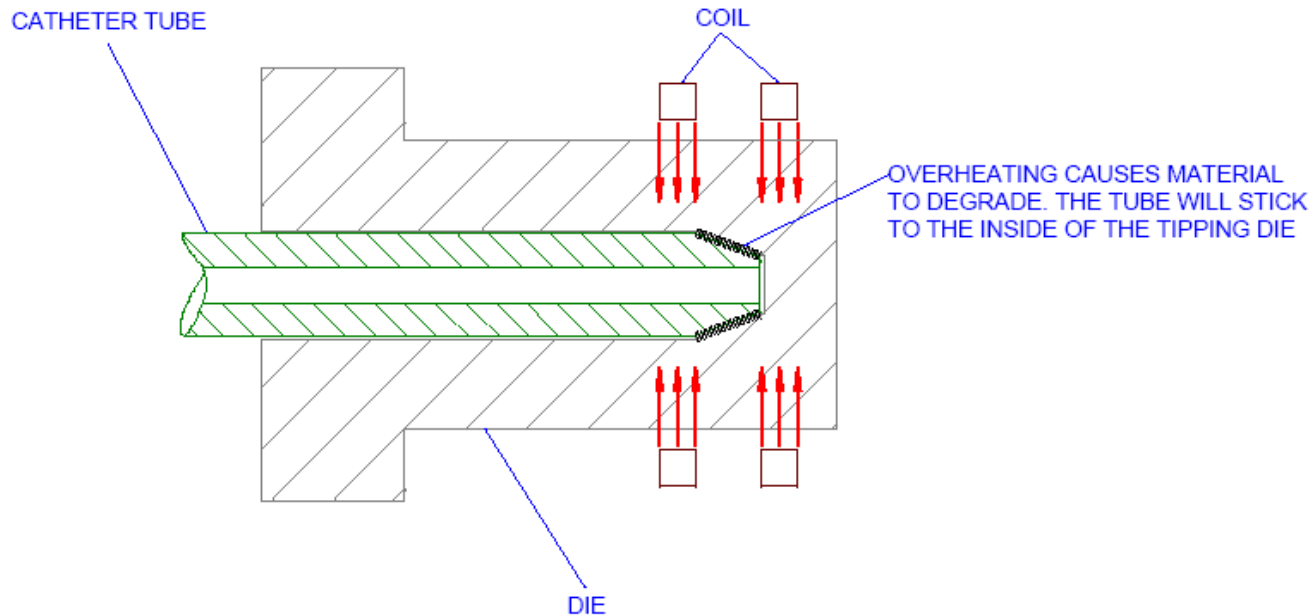


Die Configuration & Heat Application Theory

Tube not pushed far enough into the die.

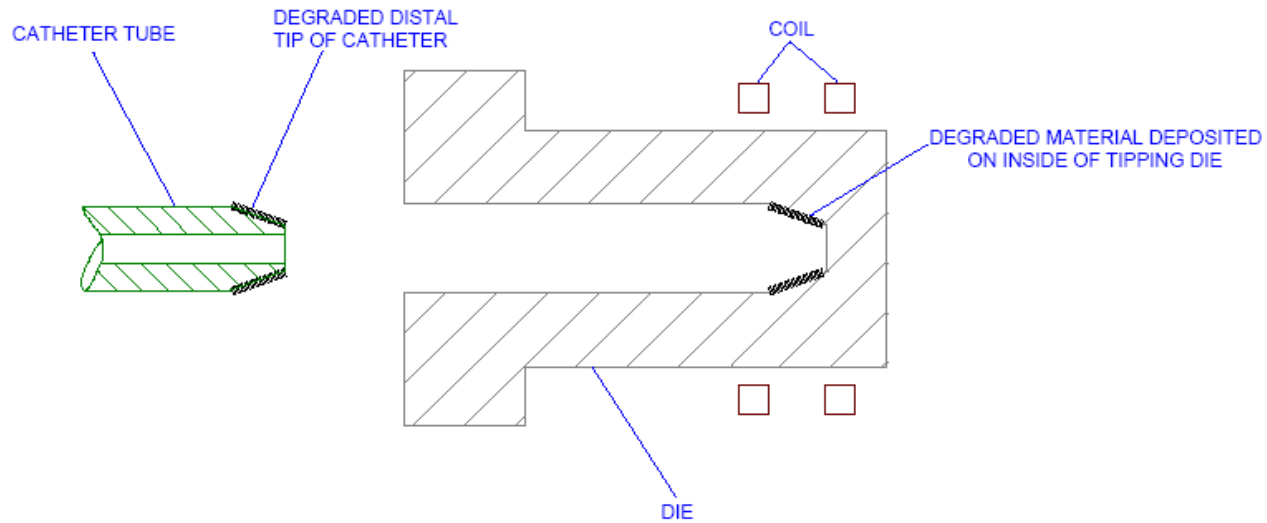


Die Configuration & Heat Application Theory



Too much heat causes material degradation.

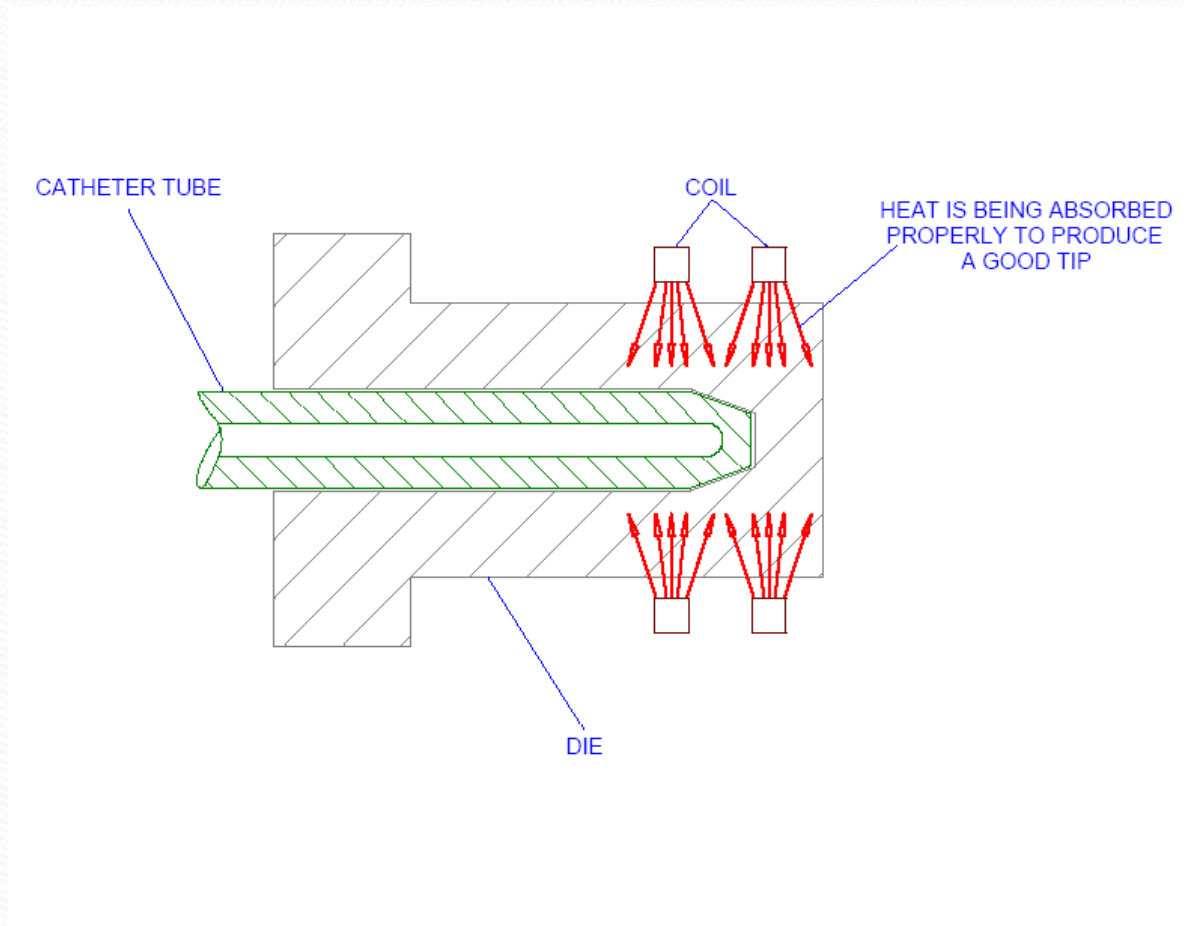
Die Configuration & Heat Application Theory



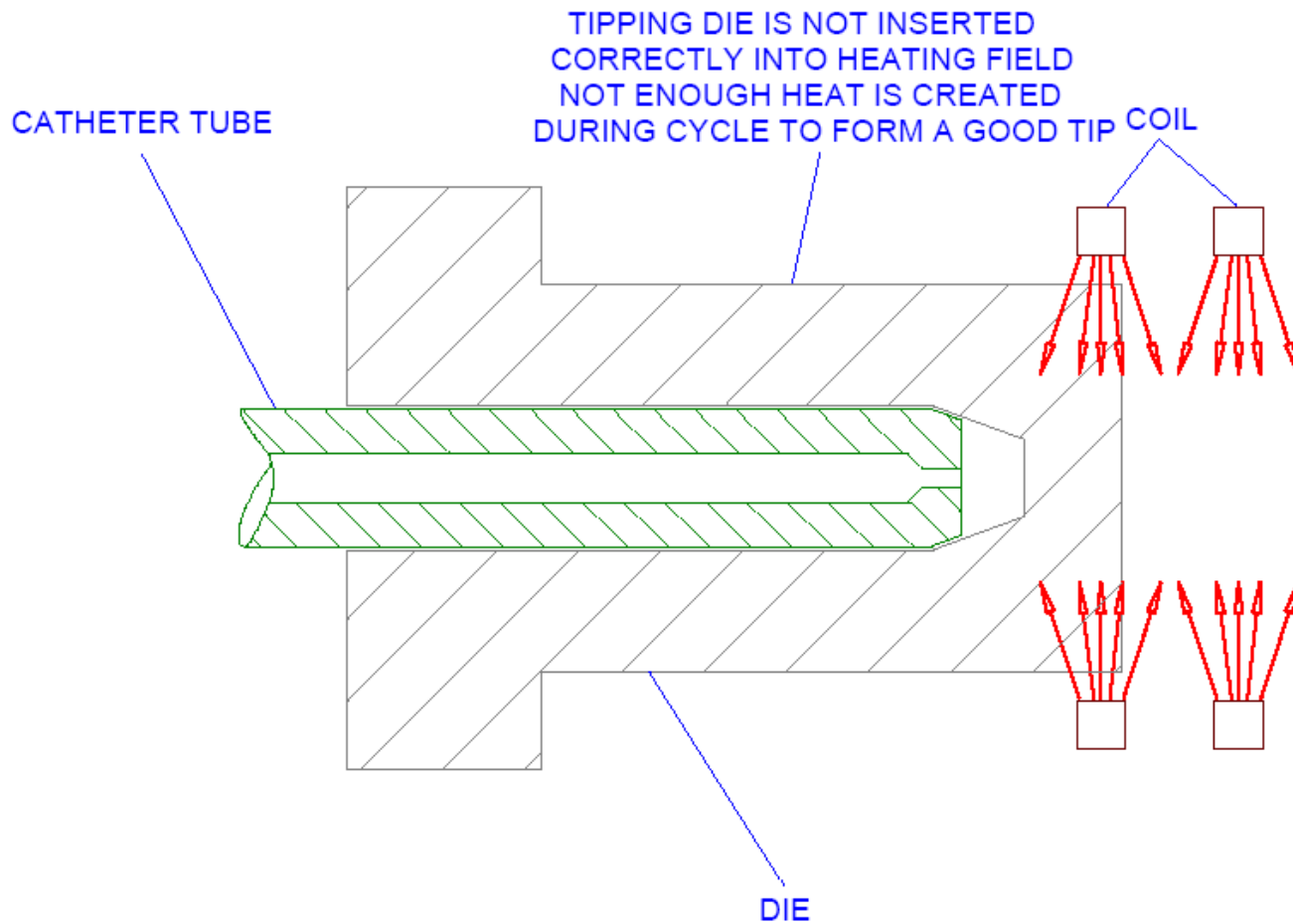
Deposits on inside of die.

Coil/Die Placement

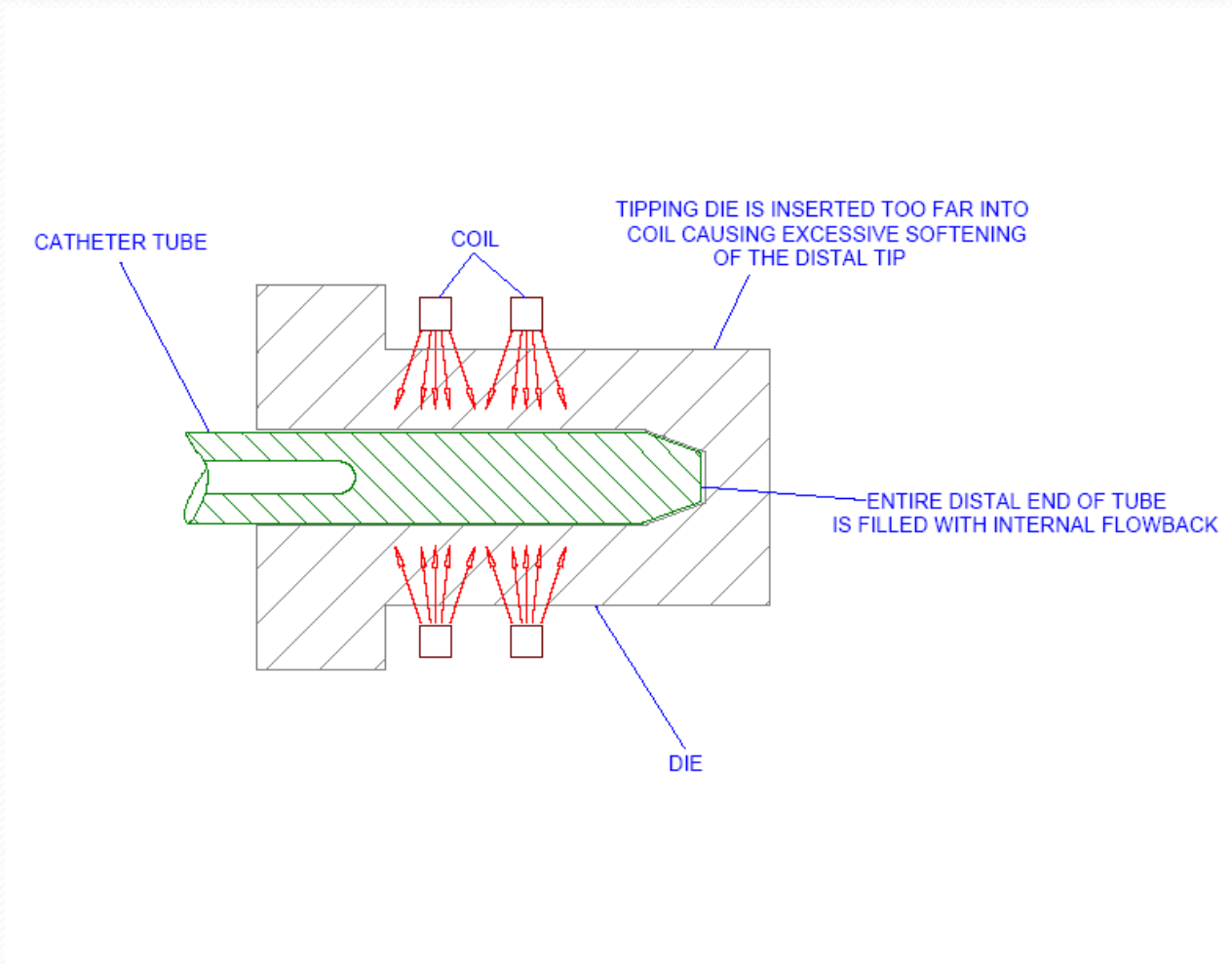
Coil/Die Placement



Coil/Die Placement

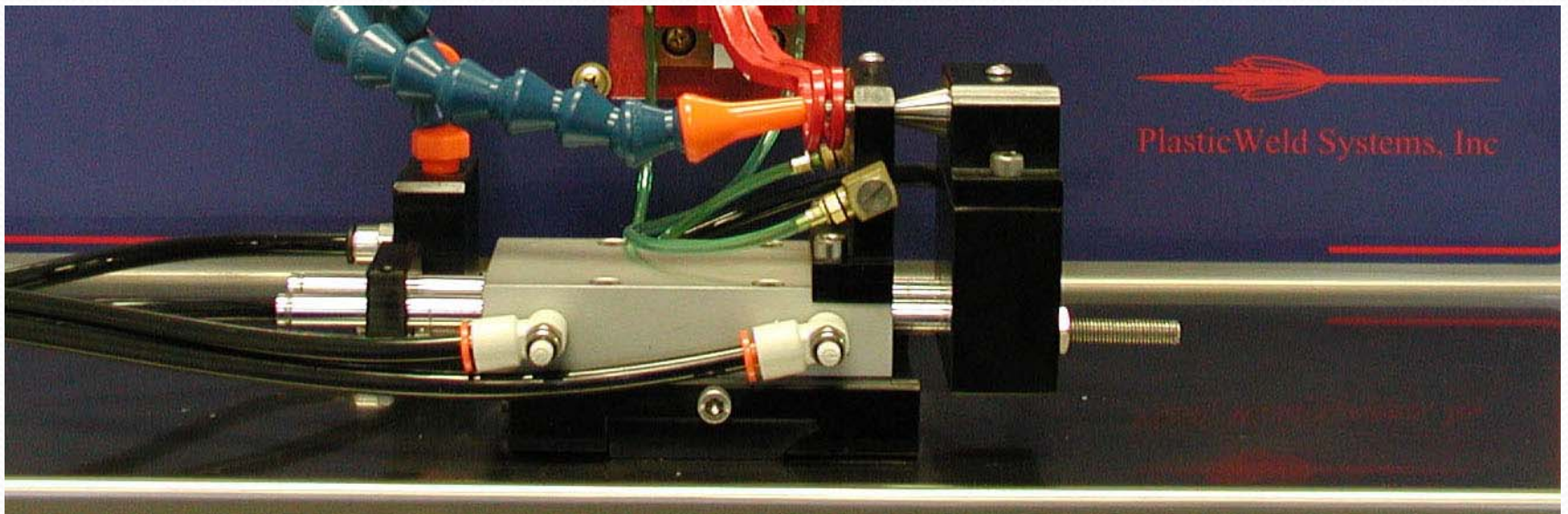


Coil/Die Placement



Coil/Die Placement

Coil location is adjusted by sliding entire actuator assembly left or right until proper coil distance is achieved.



Coil/Die Placement

The slide adjustment system contains X and Y dovetail assemblies for easy adjustment of coil location.



www.plasticweldsystems.com

PlasticWeld Systems, Inc.

3600 Coomer Road

Newfane, NY 14108

USA

Ph. 716-778-7691

Fax 716-778-5671

Email: techsupport@plasticweldsystems.com

-or-

info@plasticweldsystems.com