

# DIE FLEX

# XA

THE NEXT GENERATION OF DIE FINISHING EQUIPMENT

## *Innovative design increase die production, flexibility and ease of use*

Die Quip's Die Flex XA is the next generation of die finishing machinery that can do three times the work of traditional equipment. The robotic die changing and removable magazines give it the flexibility to work the angle, bearing or both without handling the dies. This continuous production prevents machine downtime and dramatically increases throughput with less overhead costs.



### Die Flex XA Features:

- Robotic Die Changer
  - Automatic Cycle
  - Removable Magazines
  - Touch Screen Control
  - Large Working Range
  - Heavy Duty Construction
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- Die Holding Capacity  
3" - 3 Jaw Air Powered Chuck
  - ID Working Range  
.015 - .350" (0.35mm - 9.00mm)
  - Angle Capacity  
0-20 Degrees Included
  - Machine Weight  
180lbs (82 Kg)
  - Lapping Tool Capacity  
0- .375" (0-9mm)

### **Angle Polishing Cycle**

Die Flex's angle polishing cycle provides tremendous flexibility to polish dies quickly and easily. The machines search cycle will find the dies angle automatically before starting the cycle. This allows you to load the magazine with different sized dies to be run in the same cycle to make quick work of removing wear rings or dies ground to different meeting points. The polishing pressure is easily regulated for consistent results and training of operators.

### **Bearing Sizing Cycle**

The bearing sizing cycle show its flexibility with two different sizing methods. For larger dies the contact sizing method removes material quickly and finishes with a lapping cycle to produce accurate straight bearings. The second method is non-contact sizing which is specifically for small diameters. The pre-set pressure settings eliminate guesswork and inconsistency.

### **Machine Features**

The Die Flex has unique features like the removable magazines that allow you to move dies from an angle polishing cycle to a sizing cycle without reloading them into the machine. Also the magazine can be flipped to size the bearing from the front or back to get the desired bearing geometry.

### **Machine Construction**

Like all Die Quip products the Die Flex XA is built on a sturdy steel base and industry standard parts that allow heavy-duty operation, long production life along with easy access to spare parts. Most of the mechanical wear parts have been eliminated through our unique program design.



# DIE QUIP

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