

MH/MF

SERIES

ENGLISH

MICRO HEADERS - MICRO FORMERS

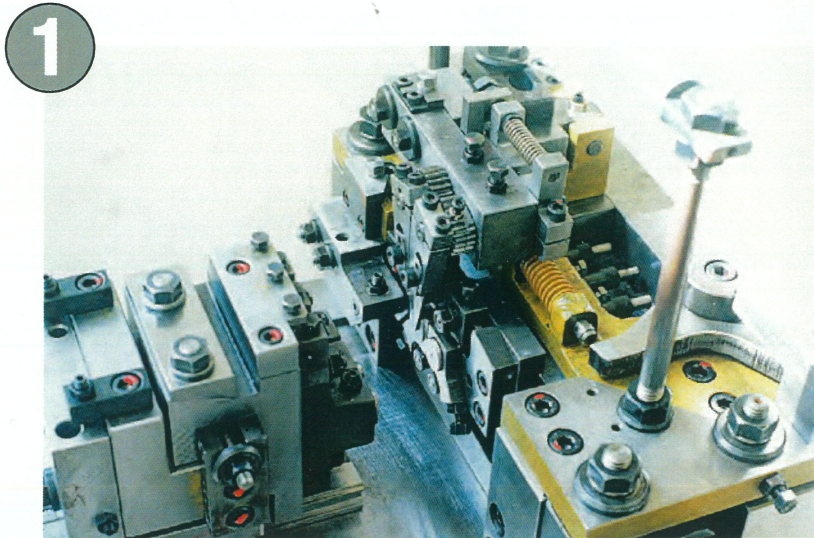


Nakashimada Engineering Works, Ltd.

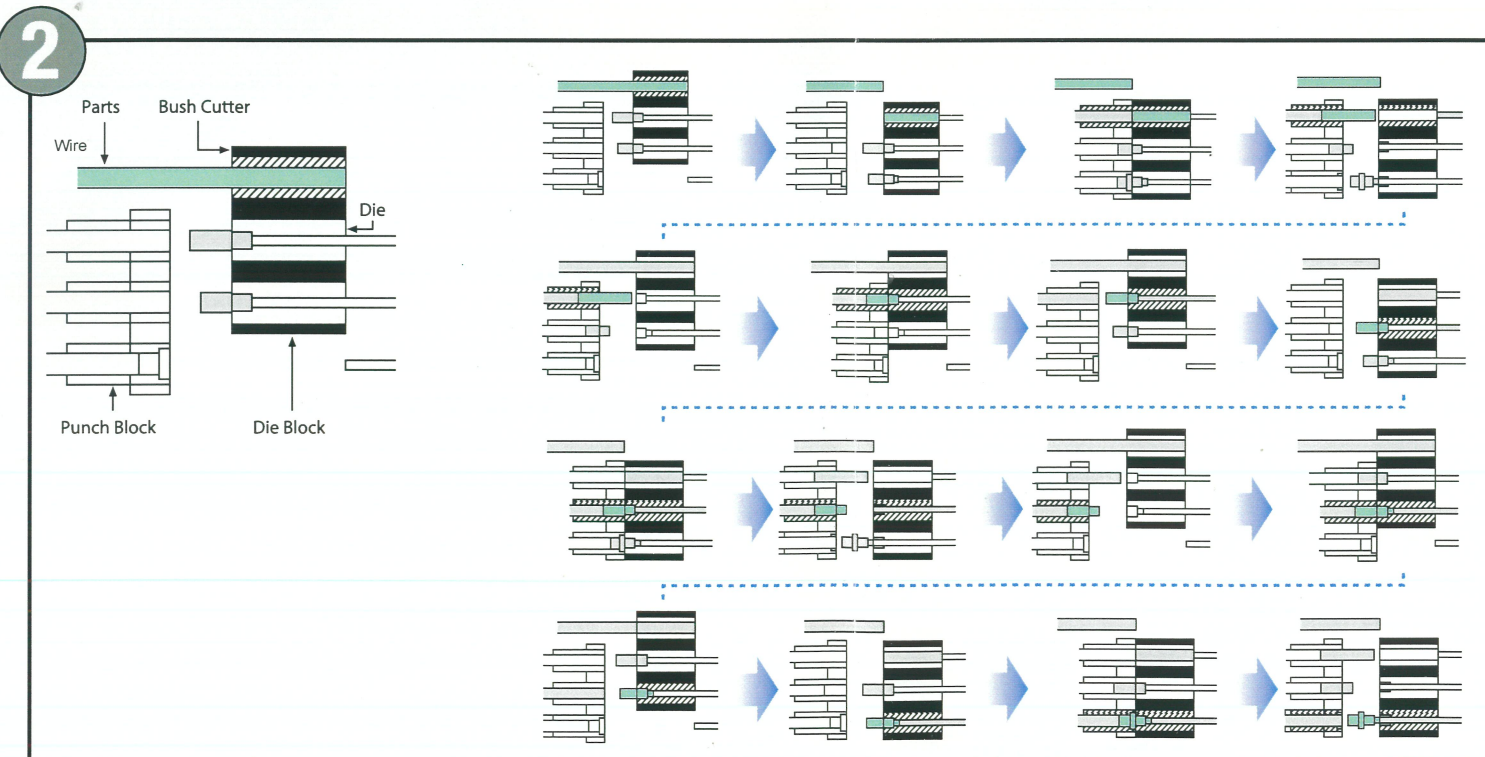
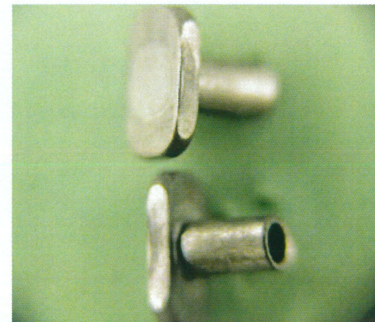
MH/MF SERIES MICRO HEADERS MICRO FORMERS

Nakashimada MH/MF Micro Headers and Formers are designed to manufacture high precision miniature components. These durable machines are built with the tightest machine clearances for precision forming. More than 1500 MH/MF units have been delivered worldwide to major electronic, computer, watch and phone parts manufacturers.

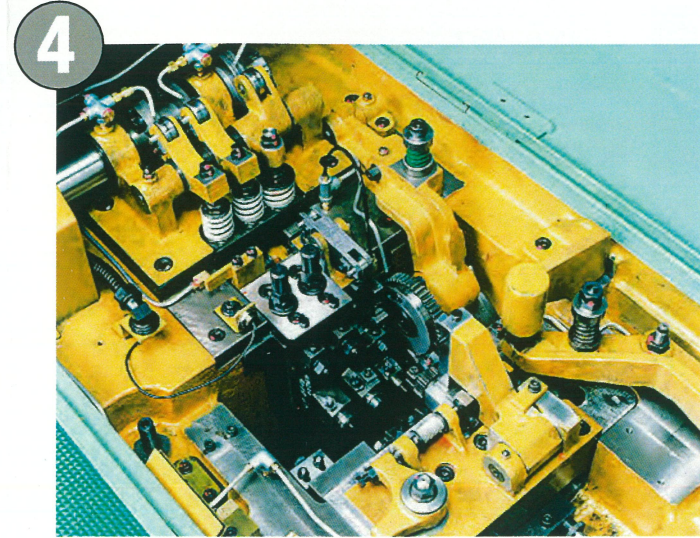
All MH/MF machines are equipped with Fingerless Transfer incorporating a unique horizontal Sliding Die mechanism. This allows for easy transfer of extremely small, short and difficult to transfer parts. Accommodating most applications, the MH/MF Series can handle wire diameter from 0.5 mm to 7.0 mm and come with configuration from 1D2B to 4D5B, dependent on part complexity,



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1 Bush Cutter

Bush cutter and heavy duty shearing cam provide a clean and square cutoff, avoiding burrs and irregularities. All MH/MF machines are equipped with Bush Cutters.

2 Sliding-Die Shift Mechanism

Die Block slides horizontally in MH/MF machines to transfer blanks. Since the bush cutter is integrated into the die block, wire cutoff is also performed when it slides. With this mechanism, extremely short cutoff becomes possible.

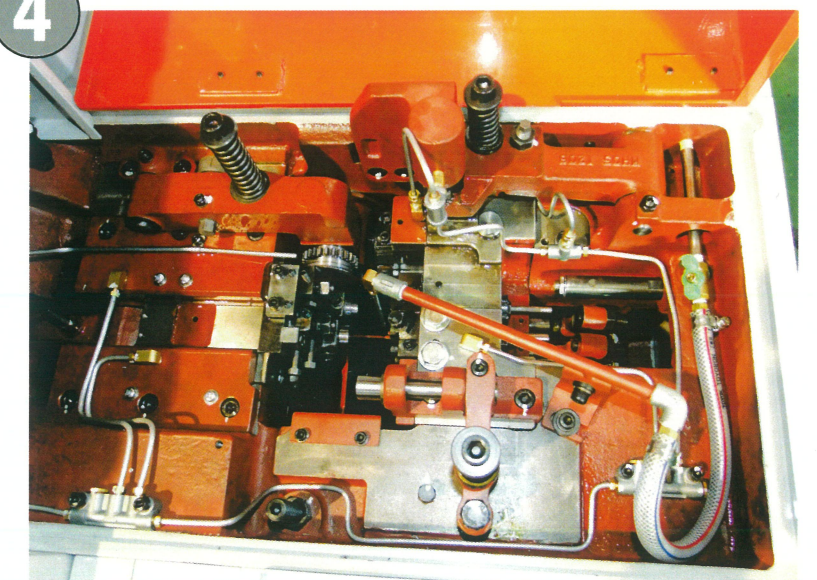
3 Ram Slider

In order to maintain high accuracy in sliding movement, the ram slider is equipped with the tapered liner guide for clearance adjustment. In addition, all sliding parts are hand-scraped to micron level for high tolerance, durability and prevention of part wearing after long use.

4 Easy Operation

The machine body's size is kept as compact as possible. All setup adjustment and tool changes can be done at the operator's position. Combined with the high degree of accuracy of the machine, very efficient setup can be achieved.

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Major Standard Features

Wire Feed Auto On/Off Device

A switch on control panel to start or stop wire feed.

End of Coil Detector

Limit switch placed between the main machine and the wire straightener, detects the end of wire coil and stops the machine automatically.

Wire Short Feed Detector

When wire does not reach the sensor, machine stops immediately to avoid defects and mixing with good parts.

Warning Light

Error indicator system warns of overload, end of wire, short feed, low air pressure and other anomaly.

Signal Tower

Error light mounted on top of the machine to inform the operator that an anomaly had occurred and the machine had stopped.

Preset Counter

An easy production management tool that counts the quantity of parts produced up to 6 digits. When total output reaches the preset amount, machine stops automatically.

Major Optional Accessories

Total Counter

Separate Lubrication with Tank

Variable Speed Drive (Inverter)

Timed PKO

Phillips Punch Checker

Vertical Wire Straightener

Vacuum Device

Blank Wiper

Dead Point Checker (DM Monitor)

Oil Micro Separator

Trimming Device

Tubular Slug Separator

Catch Chute

#1 Punch Pin Checker

Oil-less Type

Mist Type Separate Lubrication

Standard and optional accessories vary depending on machine model.

Please contact our Sales Rep for details.



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