

IMPACT PRESS

NAKA DYNA MARK

Explosive power is realized by impact by pneumatic.

Appropriate for applications which short stroke and big force is required.

Marking, riveting, punching, deburring, and all other operations which requires short stroke, DYNA MARKS performs over 10 times of explosive power as any similar pneumatic cylinder.

Features

Pressing down before impact

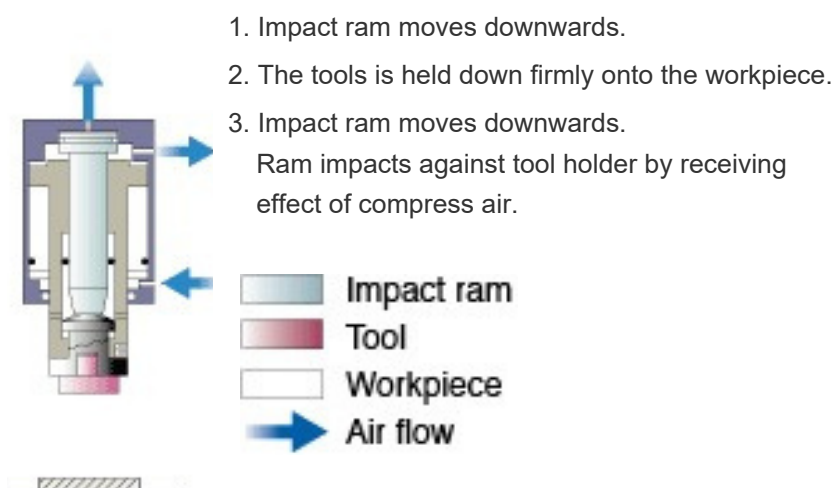
- The workpiece is held down before impact, so that double marking can be avoided. Also crimping can be done more perfectly.
- Speed of holding stroke is adjustable flexibly by controller.
- The fixture can be matched safe and easy since the cylinder head returns to TDC as soon as the valve is released.
- Pneumatic for holding is not wasted by accelerating the impact ram.

Powerful explosive

- DYNA MARK is utilizes the energy which is generated in impact ram as explosive power.
- The energy is not wasted by synchronizing acceleration of impact ram with intake of exhaust.



Principle of impact

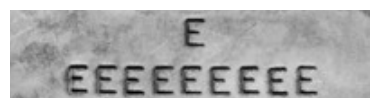


Stamp size : 5mm

Left : normal pneumatic cylinder

Light : (dia 100mm) 0.6MPa

DMMC-04B (dia 100mm) 0.6MPa



Stamp size : 3mm

Above : normal pneumatic cylinder

Below : (dia 100mm) 0.6MPa

DMMC-04B (dia 100mm) 0.6MPa

Spring impact Press series **IMPACT PRESS**

NAKA **SPRING IMPACT**

Hand Press with spring impact force.
(appropriate for stamping and riveting application.)

SP100 Spring Impact Press

Compact and light weight

Max impact force
3kN

Max holding down force
0.3kN



SP100

SP200 Spring Impact Press

Rigid and durable frame with high precision.
Compact design for space-saving.

Max impact force
10kN

Max holding down force
0.8kN



SP200