

Slim Shear Type

Pneumatic Shear Knifeholder

MT-A425

MT-A425 features a compact design and cost-effective and in the shear knife-holder category. It is specialized in narrow slitting application, which minimum slit width up to 28mm. The new swing design provides stable side contact force to getting a better slitting effect. It also equips two individual control valves of down stroke and side contact, not only independent control each valve but also continuous action by one valve, more convenient and flexible for online operation. The modularized component design has improved quality and reduce costs to offer a new knife-holder option.

It is optimally suited to light web slitting tasks with under 0.3mm thickness material like paper, plastic film, non-woven fibers and others.

» Feature

- Min slitting width 28mm
- Swing side contact
- Individual control valve
- Modularized design
- Depth adjustment
- Patent structure

» Specification

- Min. slitting width : 28mm
- Max. slitting speed : 400M/min ⁽¹⁾
- Down stroke range : 0~15mm
- Side contact range : 0~3mm
- Top blade dia. : $\varnothing 90\text{mm}$
- Guide-bar : GB01/GB02/GB04

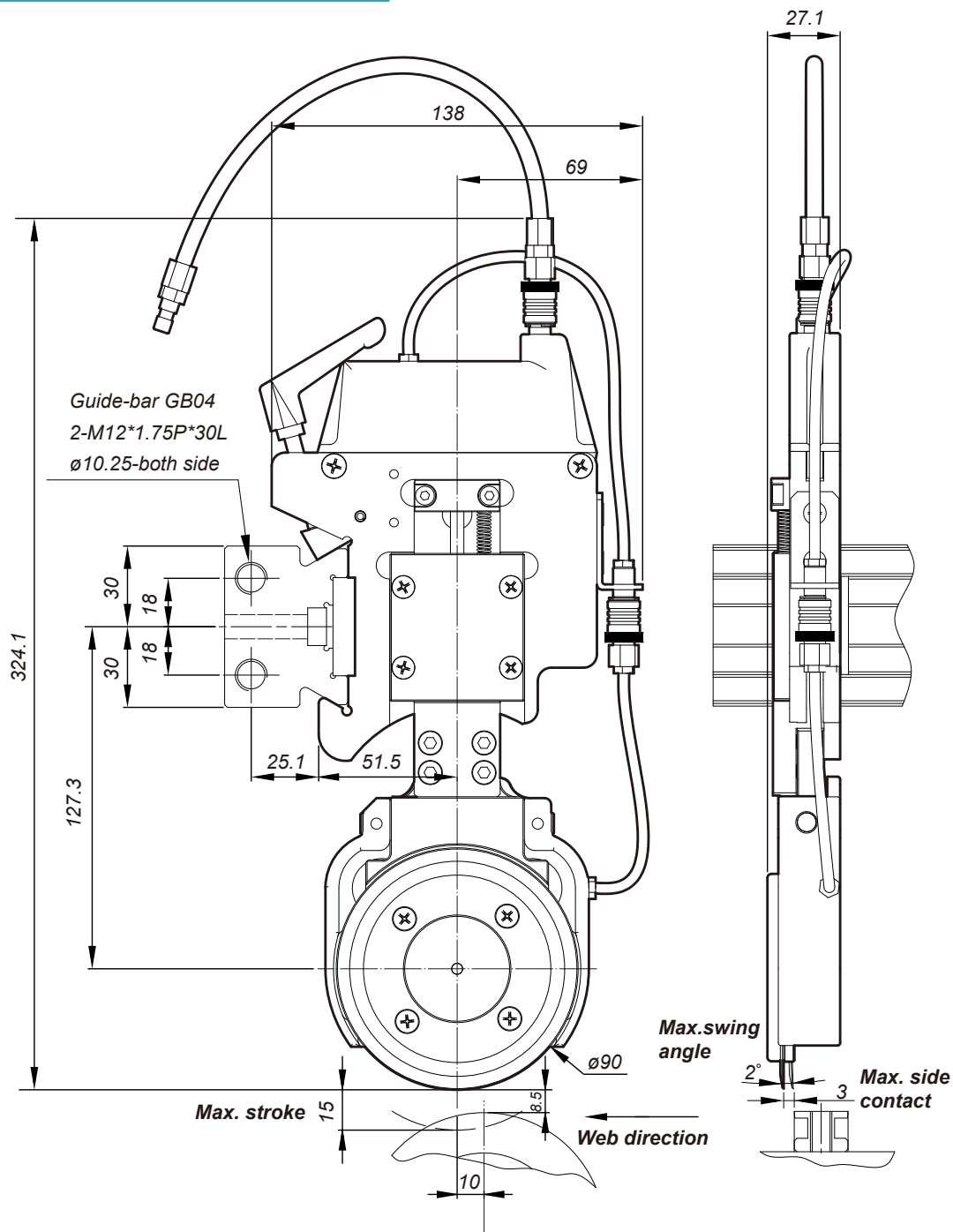
(1) Max slitting speed depends on different material and the condition will be changed.



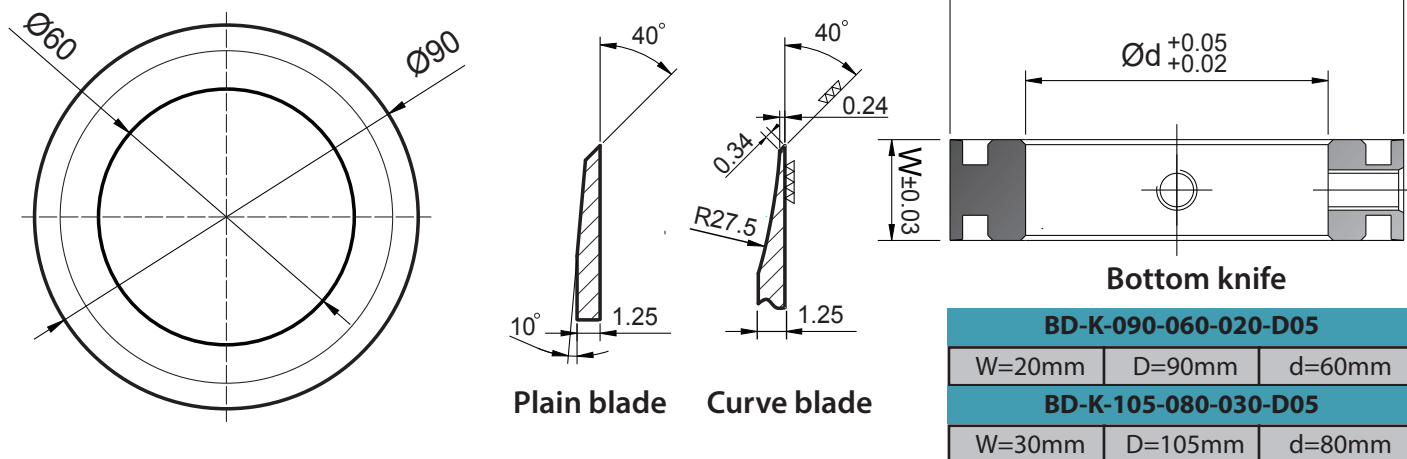
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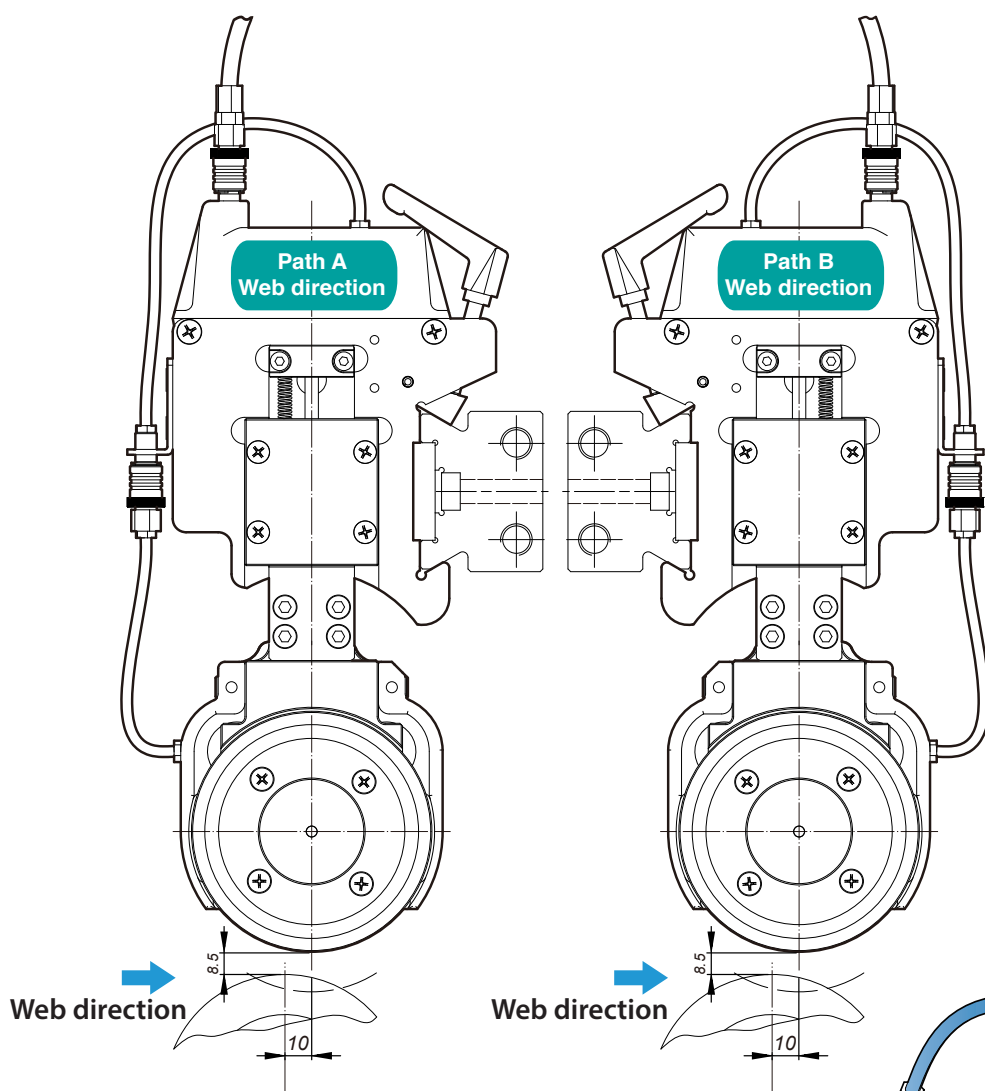
MT-A425 Dimension drawing



Blade dimension drawing



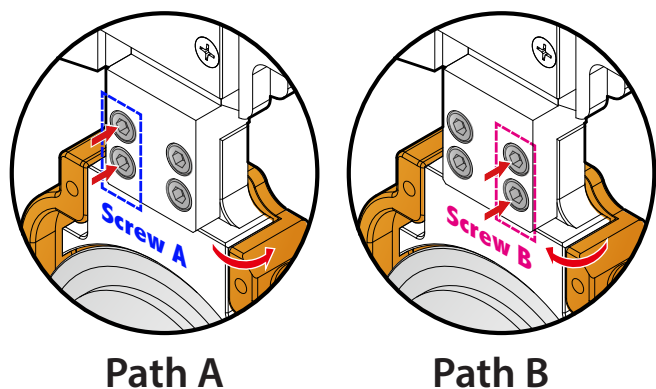
Different web path arrange



Different Web Path

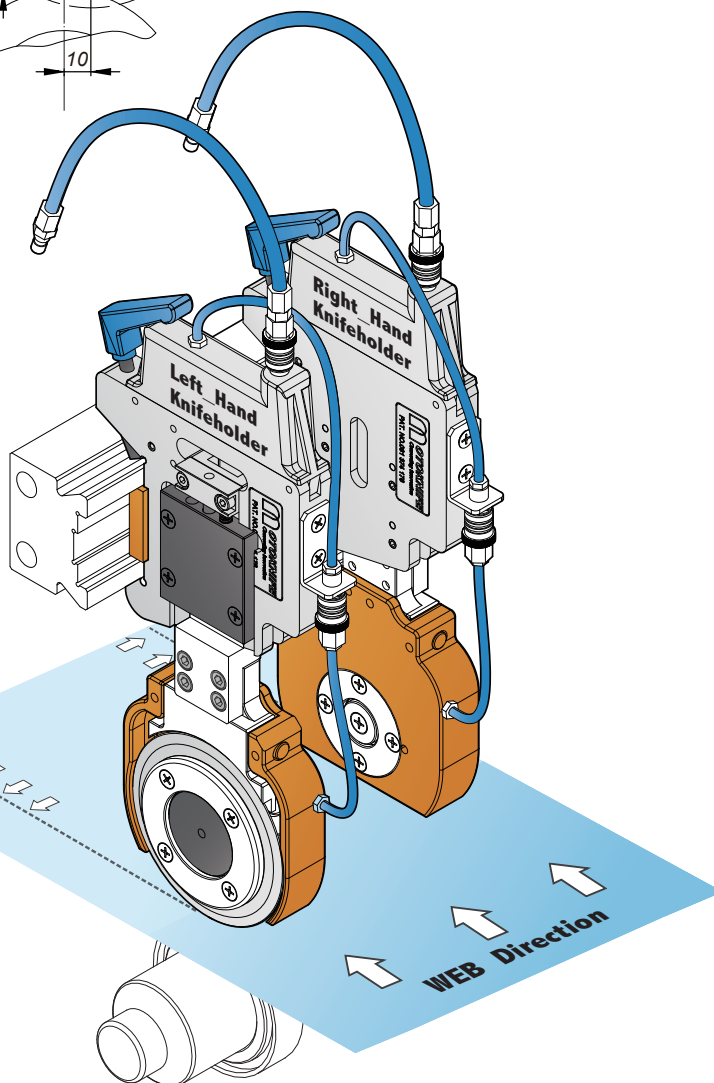
Easily changeable cant angle can is for different web path direction application, in order to obtain better slitting effect corrcet cant angle setup is very important!!

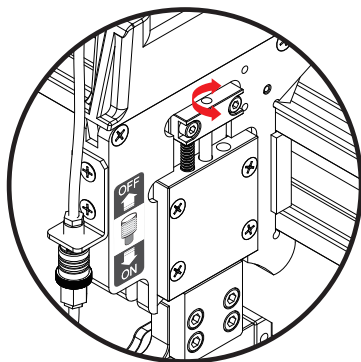
Knife-holder direction arrange



Cant angle adjust

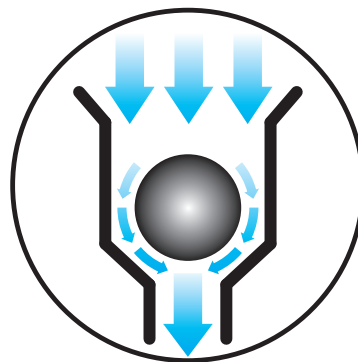
For different web path application now is more easily to adjust. Via screw thight A sets or B sets screw to change different web path direction and to get better efficiency result.





Depth adjust

Using depth adjust screw can easily control down stroke overlap distance between top and bottom blade, it is helpful for overlap compensation when blade wear.

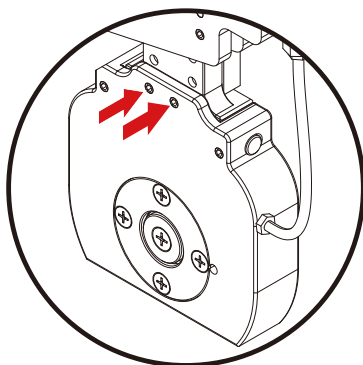


Internal air flow control

Patent design with internal air flow control, you can directly connect air source without air throttle valve and never worry too much air flow to damage blade!!

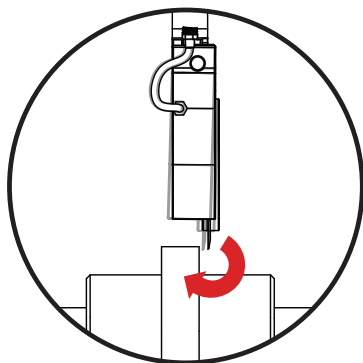
Side contact limit

Behind the bottom knife-holder have two screw can be adjust side contact stroke, proper side stroke setting will extend blade life time and getting better slitting edge.



Individual valve control

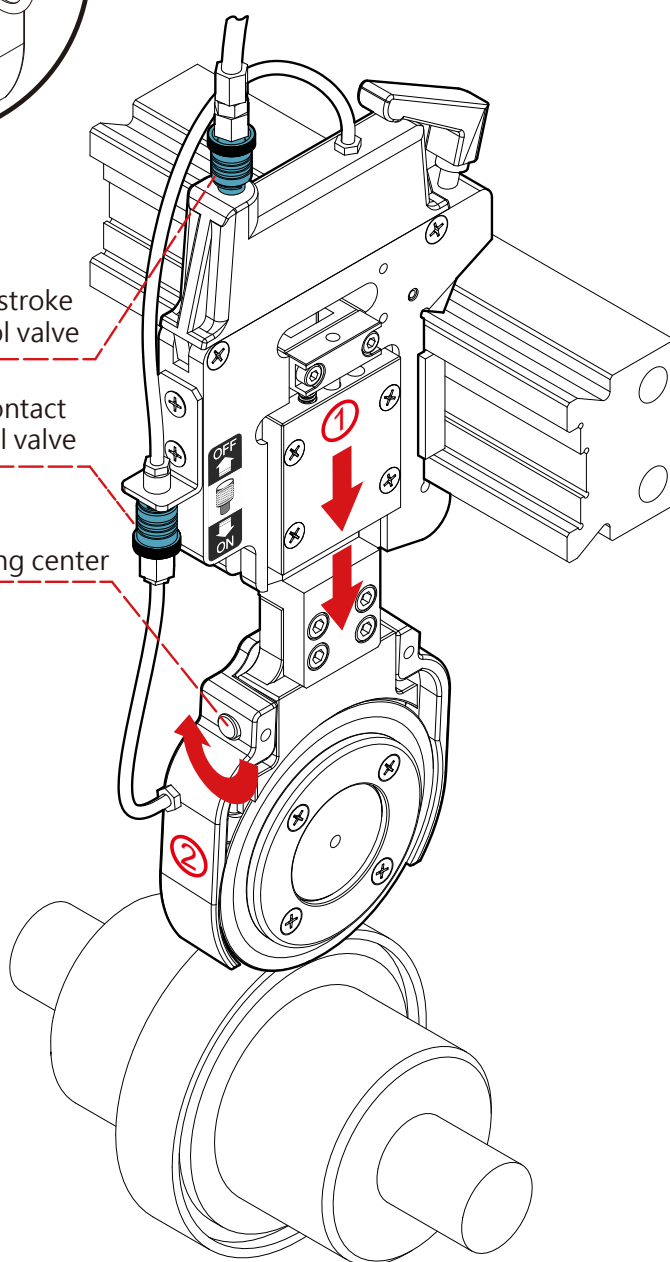
More convenient for down stroke and side contact individual valve control, it can be operation under automatic action or separate when arrange position.



Down stroke
Control valve

Side contact
Control valve

Swing center



Slitting Products Available:

Various Papers	kraft paper, silicone paper, releasing paper, decoration wall paper, masking paper, adhesive paper, thick paper board, corrugated carton paper, sand paper.
Various Plastic films	flexible laminated films, soft & rigid PVC films, BOPP, PET, PE, PS, LDPE, PLA, SBS, various adhesive tape...etc.
Cloth & fabrics	non-woven cloth, synthetic leather, natural cotton, mesh cloth, medical cloth, label cloth...etc.
Metal films	copper foil, aluminum foil.

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