

Top Shear Type

Pneumatic Shear Knifeholder

MT-A450

MT-A450 is new designed for flexible application and improving operational efficiency. It has cant angle adjustable and replaceable bottom make easier to use at different web direction. The new function, self flow control can prevent damage blade when operation, and another like micrometer, with same structure the micro depth adjustment enhance control overlap distance accuracy up to 0.05mm. Standard knifeholder equip $\varnothing 90\text{mm}$ top blade.

MT-A450 offer a wide range of slitting material including plastic, paper, copper foil..etc., thickness under 0.4mm and slit width within 53mm application.

» Feature

- Min slitting width 50mm
- Self flow control
- Micro depth adjustment
- Individual control valve
- Cant angle adjustment
- Replaceable bottom knife holder
- Position displacement adjust

» Specification

- Min. slitting width : 50mm
- Max. slitting speed : 400M/min (1)
- Down stroke range : 0~20mm
- Side contact range : 0~3mm
- Top blade dia. : $\varnothing 90\text{mm}$
- Guide-bar : GB02/GB04/GB05

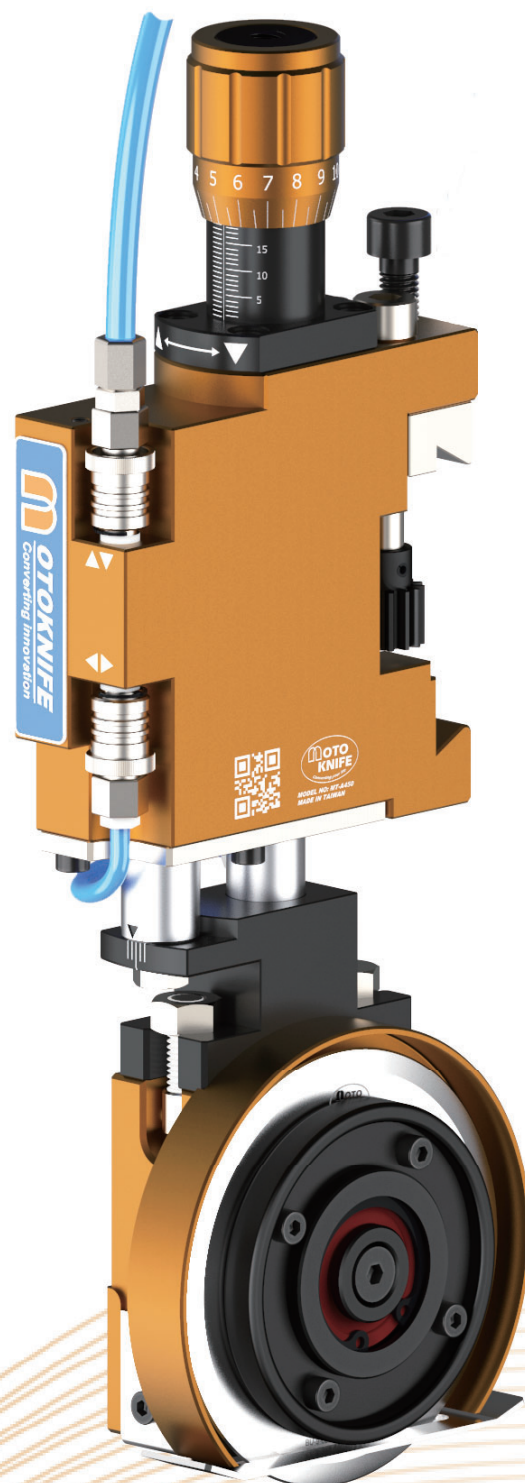
Patent Number

Taiwan M487158/M487795/M491566

China ZL2014 2 0364499.X / ZL2014 2 0363283.1

ZL2014 2 0363247.5 / ZL2014 3 0217718.7

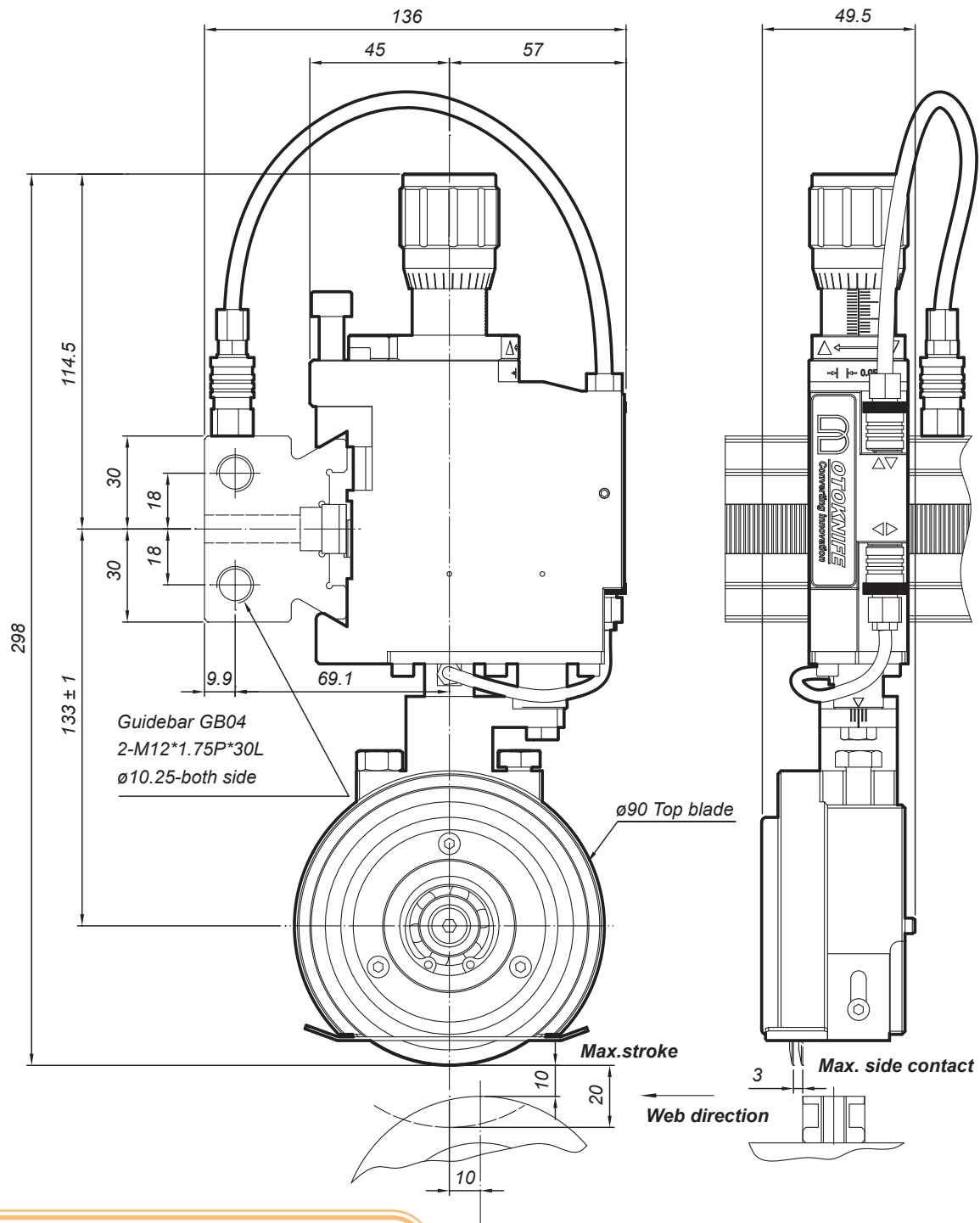
(1) Max slitting speed depends on different material and the condition will be changed.



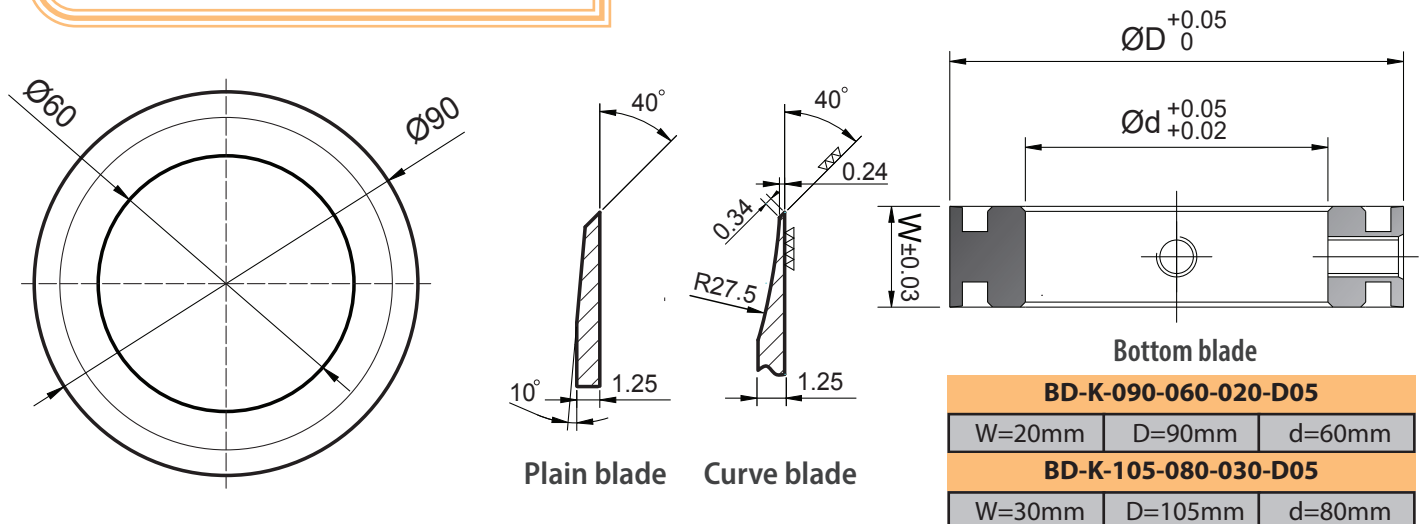
MT-A450

MOTOKNIFE

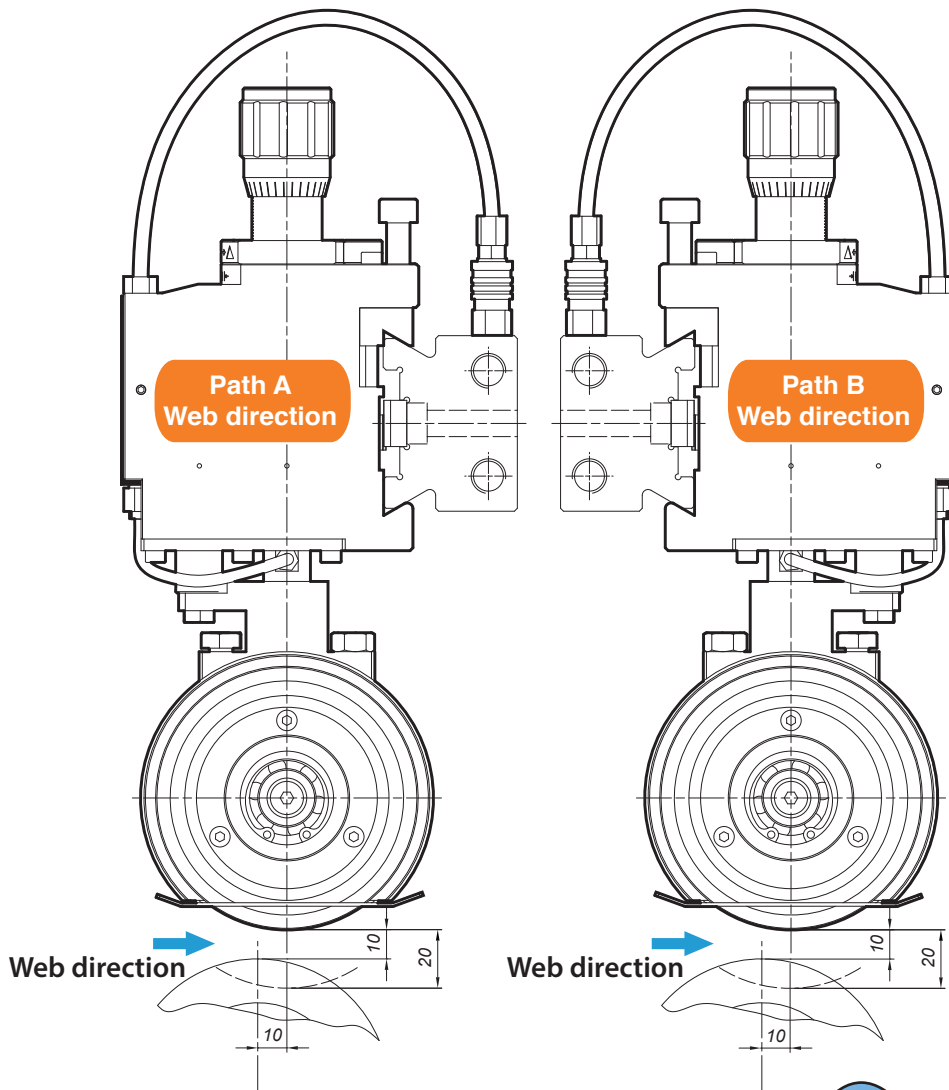
MT-A450 Dimension drawing



Blade dimension drawing



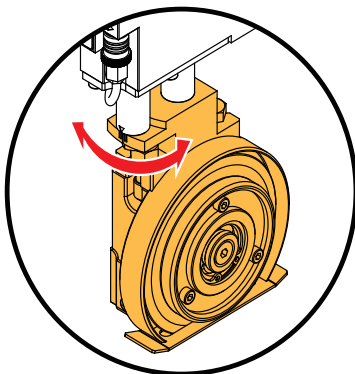
Different web path arrange



Different Web Path

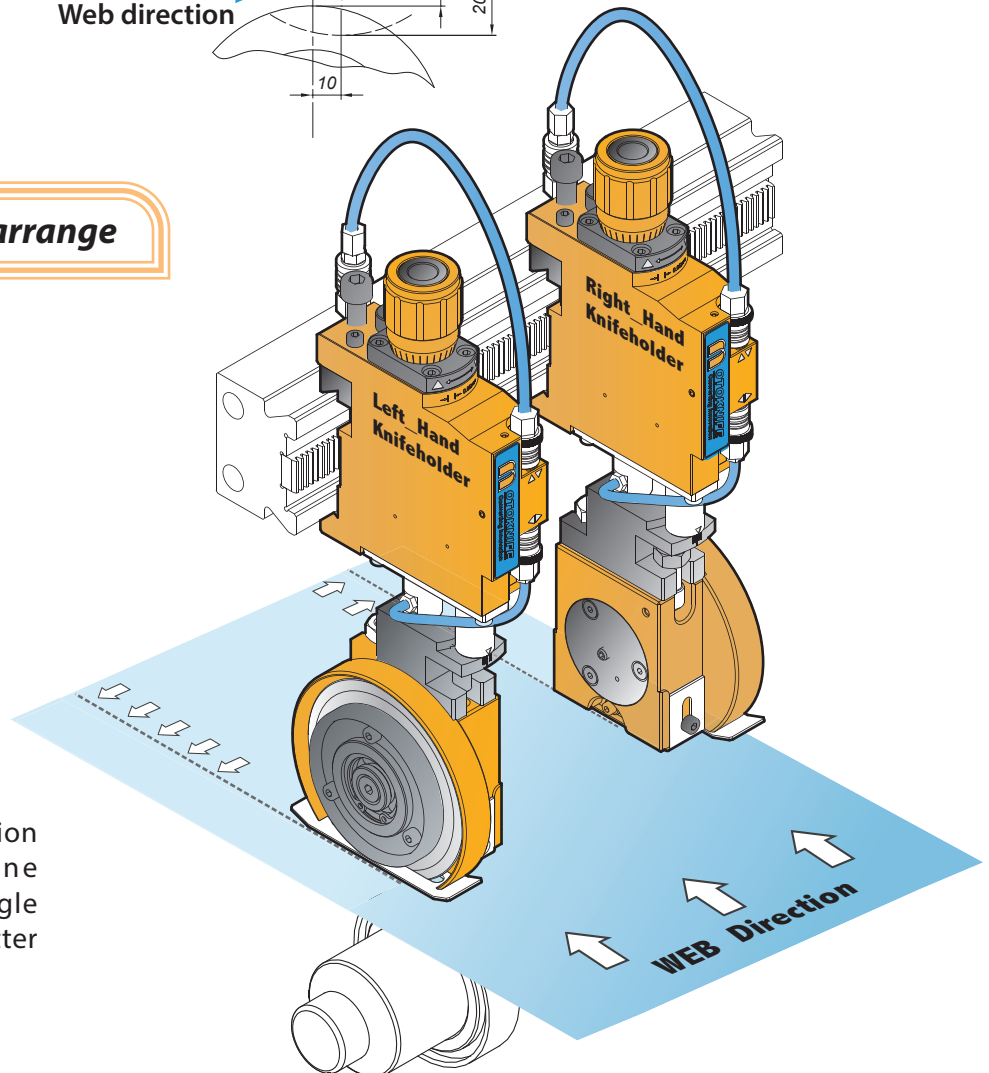
Easily changeable cant angle can is for different web path direction application, in order to obtain better slitting effect corrcet cant angle setup is very important!!

Knifeholder direction arrange



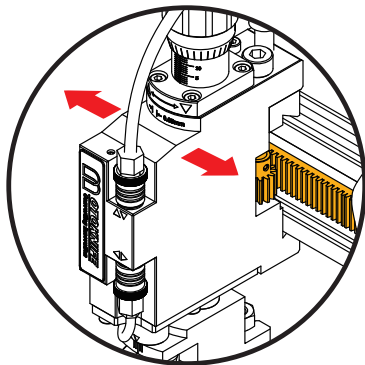
Cant angle adjust

For various material slit condition ,you only need to unlock one screw and easy adjust cant angle for different purpose to get better efficiency result.



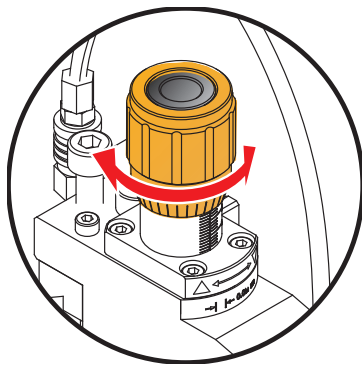
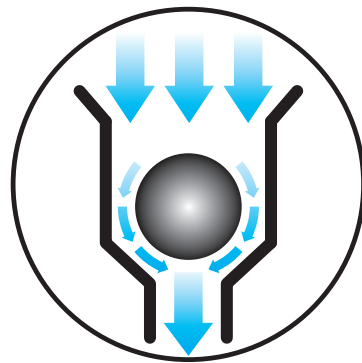
Saving setting time

Using gear and rack on guide-bar to adjust knifeholder position, make setting correct position easy and fast.



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!!



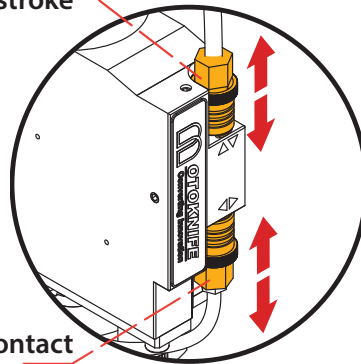
Precision depth adjust

Using depth adjustment can easily control down stroke and the accuracy up to 0.05mm, it is helpful for overlap compensation when blade wear.

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.

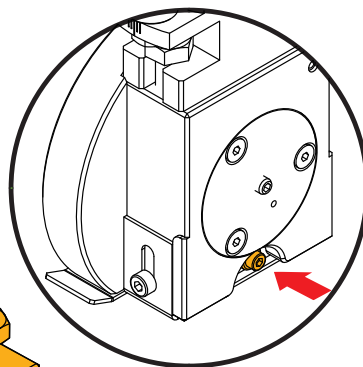
Down stroke



Side contact

Easy blade replace

Only push down the blade replace button and rotate shaft until lock position, it can be lock shaft rotate and easily replace blade.



Changeable knifeholder

Depending on the application, user can arrange left or right side bottom knifeholder to getting better slitting result by change bottom knifeholder.

