

Anti-burr/Anti-chip Cutting unit Floating Cutter

NO more burrs and chip during trim scrap cut operations

● Open space around the cutter

Easy to profile and form-cut as there is nothing surrounding the cutter, which will result in more design flexibility.

● Off-set structure

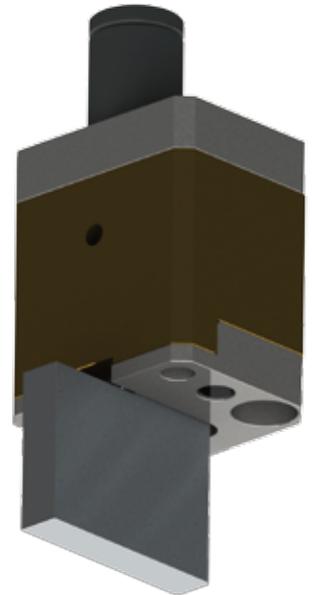
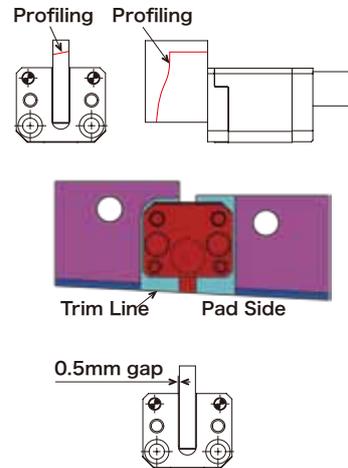
Overhang is allowable.
No interference for pad return.

● Easy to adjust the assembly with the upper cutting blade.

The 0.5mm clearance on one side of the right and left directions enhances easier assembly for the upper cutting blade.

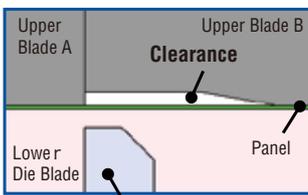
● Simple Structure: Better Maintainability

● Durability: up to 500,000cycles

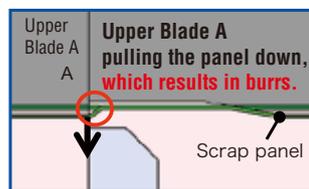


● Comparison between old and new structures

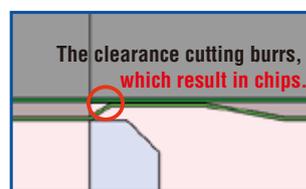
■ OLD structure



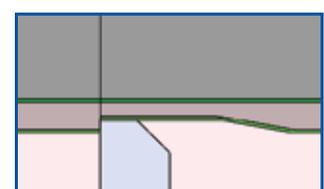
① Trim line starts to cut



② Trim line finishes cutting

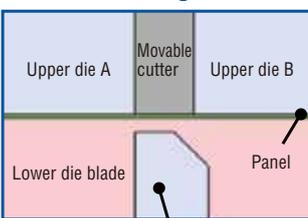


③ Cutting complete at clearance

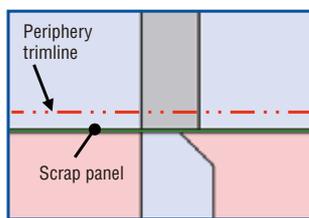


④ Cutting complete at Scrap Cut Line

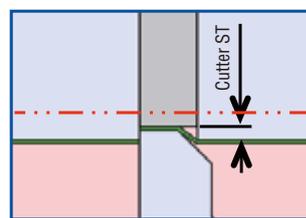
■ NEW: Floating Cutter



① Cutting start at Trim Line



② Cutting complete at Trim Line



③ Cutting Complete at scrap line

Because there is no stretch on the panel at trimline and scrapcut line, **burr and chip are dissolved.**

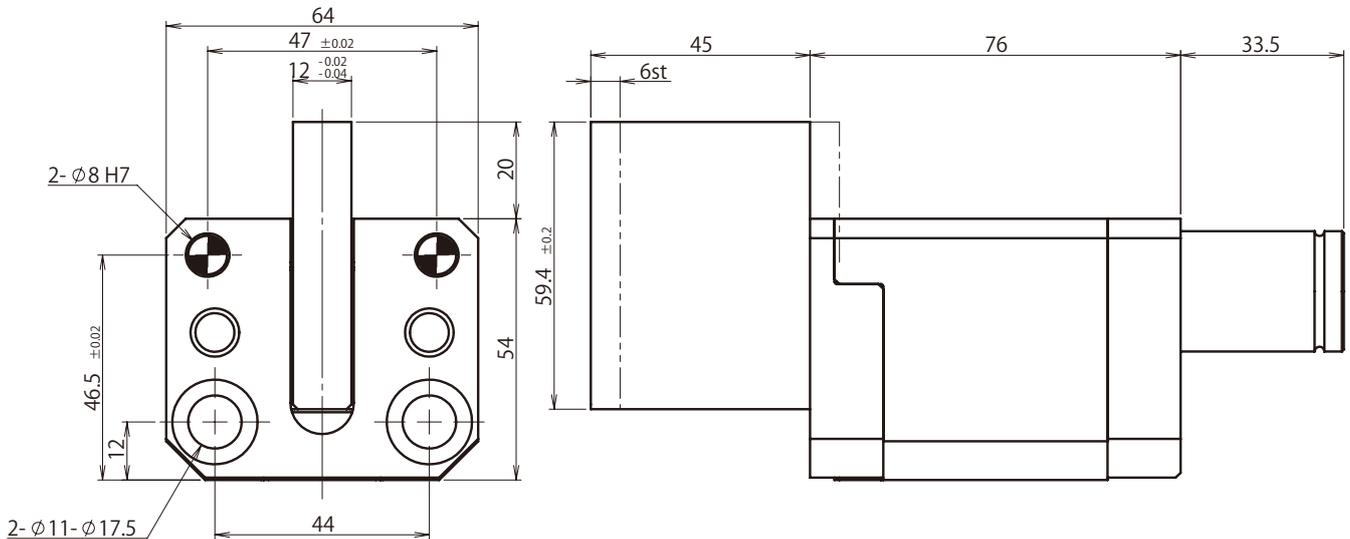
● Basic Specifications

Catalog No.	Stroke [mm]	Initial load [kN]	Pressure source
SUFC	6	4.4	



SANKYO OILLESS INDUSTRY, INC.

Unit/Dimension



Additional note for actual use

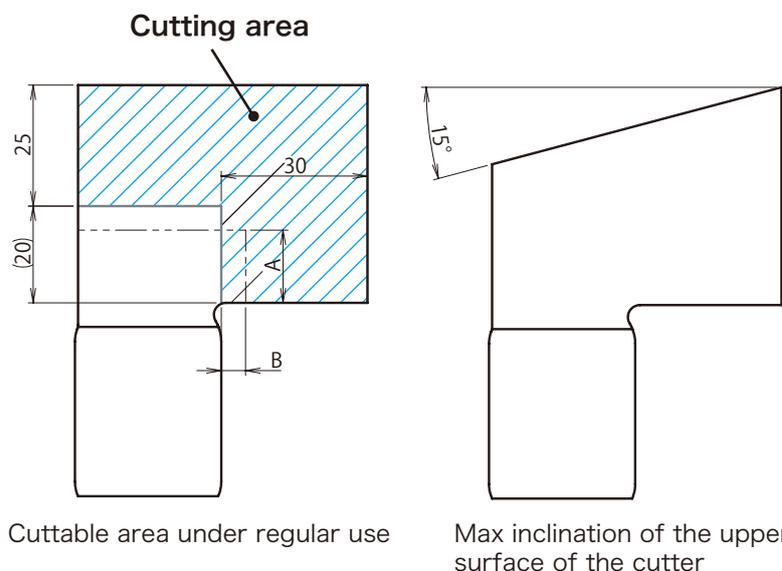
■ Cutting Area

The area enclosed in blue lines is "cuttable". Dimension A is minimum 20, but it can be more than 20 if A>B.

※Profiling and form-cutting to be done together by the upper blade.

■ Angle of the upper surface of the cutter.

Max inclination is 15 degrees to the front and back directions.



● Contact Us;

If you have any questions about this product, please contact our sales team.