

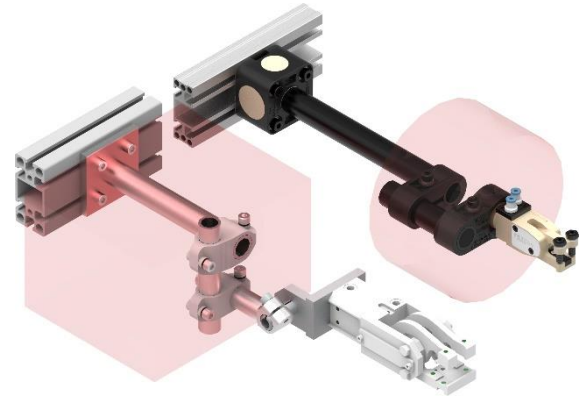
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## Advantages of Misati's New Brackets that will Enable you to Increase Productivity

Misati has developed new technopolymer brackets that offer key advantages to the stamping companies: faster, more accurate and easier adjustment, reduction of weight and better protection of connections.

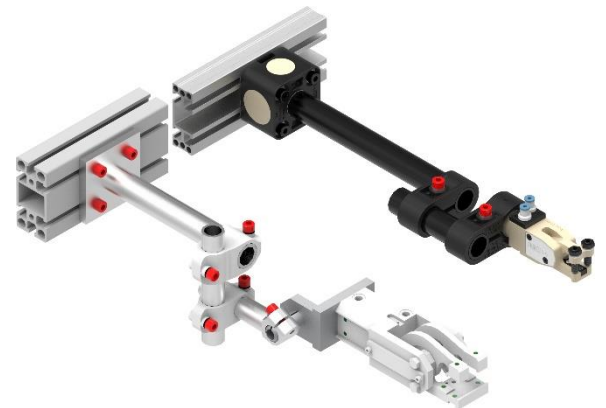
### Precise adjustment

- The spatial adjustment of the pincer only depends on the front brackets: as they are located as close as possible to the pincer, they ensure a very precise adjustment.
- Other types of structures force us to modify the mounting on the profile with a critical adjustment that generates a large deviation in the geometry of the pincer.



### Quick and easy adjustment

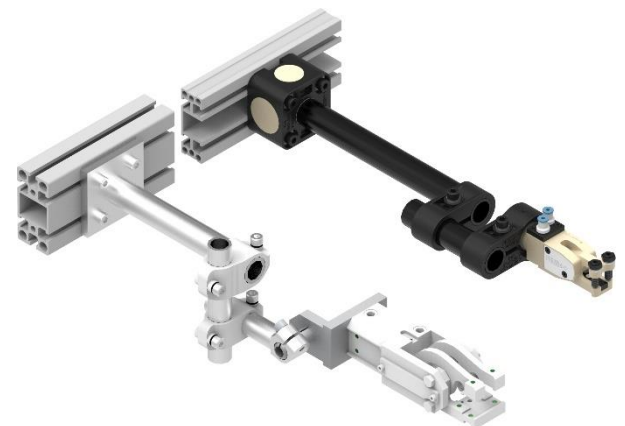
- The 6 degrees of freedom of the pincer are conditioned only by the 2 screws of the brackets, thus reducing the time and cost of the adjustment.
- Other structures require the adjustment of up to 9 screws.



See an example of adjustment

### Reduction of weight

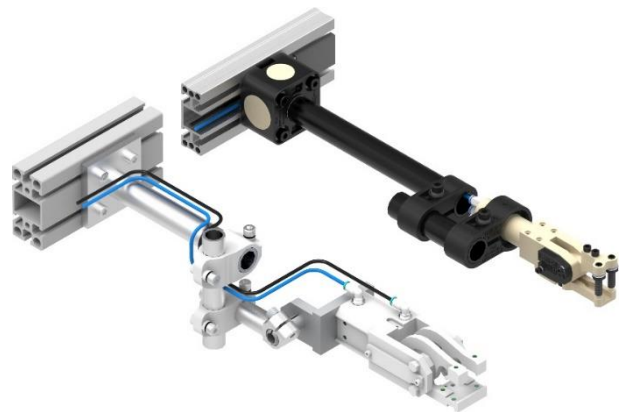
- It is essential to ensure the minimum weight in all the structures of the transfer in order to reach the maximum productivity (spm).
- The weight reduction of Misati structures is 54.9% compared to other structures on the market.



Type of structure	Weight
Misati structure	1.51 kg
Our competitors structure	3.35 kg

## Protected connections

Pneumatic tubes and cables are channelled into the tube and profile to avoid any production stoppages due to disconnections during the stamping process or when handling the pincer-holder profile, thus reducing costs and downtime.



Misati brackets are available in steel, aluminium or technopolymer depending on their use.

Type of material	Cost/rigidity ratio	
Steel	Highest rigidity	Higher cost
Aluminium	Good rigidity	Reduced cost
Technopolymer	Enough rigidity	Minimum cost

Steel bracket



Ref.: UPR-30-30-F

Aluminium bracket



Ref.: UPR-30-30-A

Technopolymer bracket



Ref.: UPR-30-30-T

Brackets are available with and without ball-and-socket joint, depending on the customer's needs:

Example of application of a bracket without ball-and-socket joint (Ref.: UP-30-30-F/A/T)



Example of application of a bracket with ball-and-socket joint (Ref.: UPR-30-30-F/A/T)

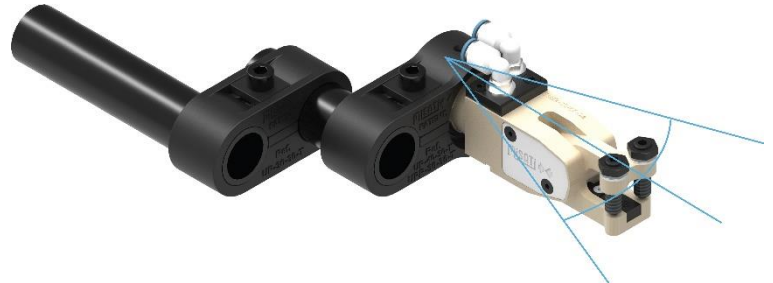


It is also possible to combine several brackets:

Example of application of two brackets without ball-and-socket joint (Ref.: UP-30-30-F/A/T)



Example of application of one bracket without ball-and-socket joint (Ref.: UP-30-30-F/A/T) and a bracket with ball-and-socket joint (UPR-30-30-F/A/T)



Example of application of a bracket with ball-and-socket joint (Ref.: UPR-30-30-F/A/T) and a bracket for tube (Ref.: UPRT-30-30-30-F/A/T)

