

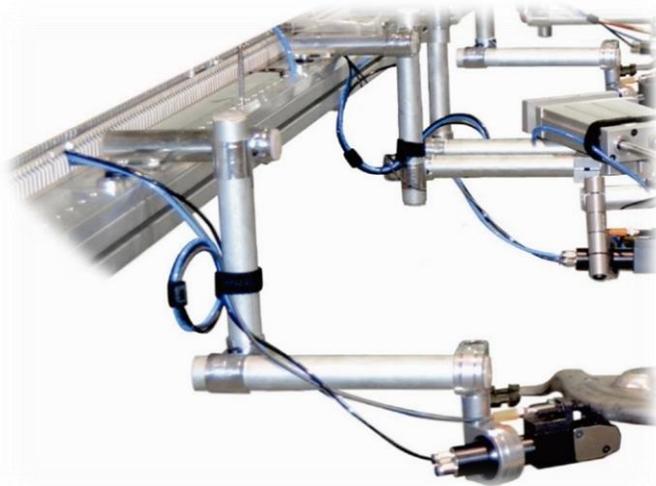
# 10

## Cable breakage: How does it affect the productivity of a transfer?

Transfers automated by Misati stand out for having the less number of exposed cables. It is not merely an aesthetic matter: production stoppages because of accidental breakages of cables and tubes are minimized.

### Cable Breakage

Possibly, the most delicate parts of a transfer are the pneumatic tubes that feed pincers and the electrical cables for sensors. It is quite common that a cable is disconnected when it gets caught with any object. Moreover, sharp edges of sheets can easily cut the tube off.



This type of incidents happen not only when the pincer-holder profile is being moved and handled, but also during the stamping process.

During the advance motion, the transfer enters on the die, where there are many elements in a very limited space.

If cables are not gathered up or protected, they can get jammed with a guide column, a centring pin, etc., get broken and stop the press.

### Protected Cables = Less Production Stoppages = Higher Production of Sheets

A transfer that stamps parts at 35 strokes per minute cannot stop for hours just because a sensor has been accidentally cut off.

In order to avoid any production stoppages because of an accidental cables breakage, Misati routes all cables through the inside of tubes and profiles.

Cables are channeled and protected but always accessible: the front cover of the profile can be easily removed.



## Protected Cables = Less Assembly Time



An additional advantage of routing cables through the inside of tubes and profiles is the reduction of the assembly time: it is no longer necessary to fasten each cable and tube with Velcro and screws.

## Easy to Identify

Could you locate your transfer at a glance? And handle it safely?



No doubt a quick and correct identification of a pincer-holder profile contributes to reduce the time spent on its storage and assembly.

Misati identifies each profile with its own reference. Additionally, the color code of the pneumatic levers permits to quickly identify the position of each profile in the transfer.

