



Tightening automation

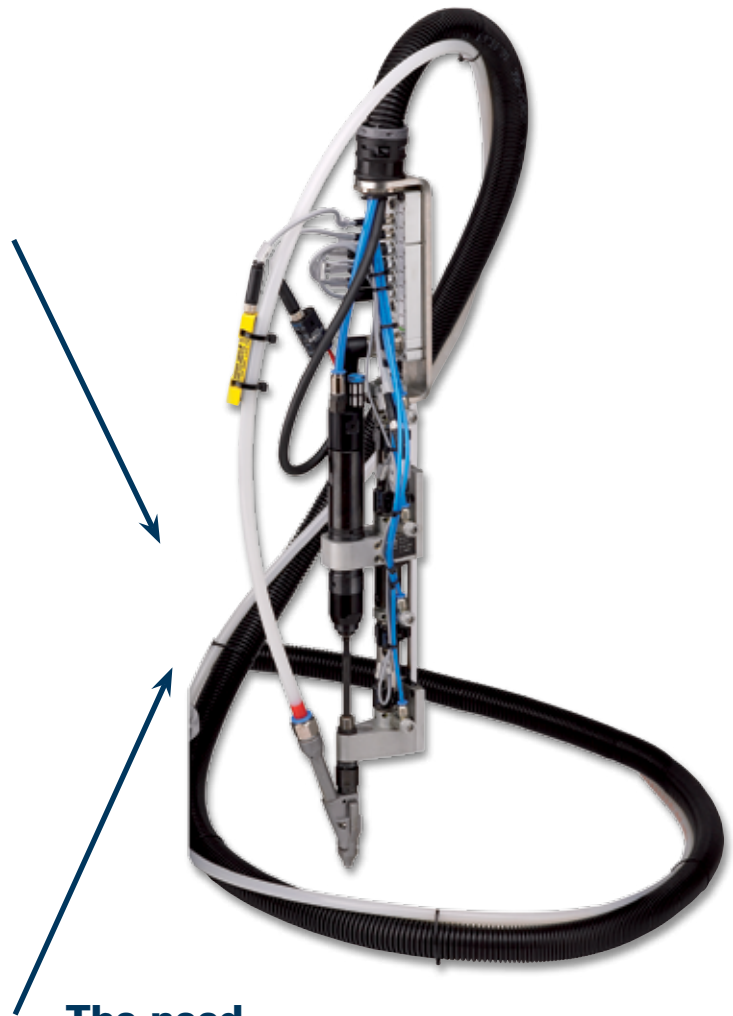
FURNITURE INDUSTRY

Autofeed tightening module MCA with screw height control (tightening depth)



For screws long > 35 mm (up to about 60 mm)

For screws long ≤ 35 mm



The need

Assemble bearing for sliding doors wardrobes; the bearing should be tightened with a screw 37 mm long at a fixed height. The fastening system is to be integrated into the existing production line.

The solution

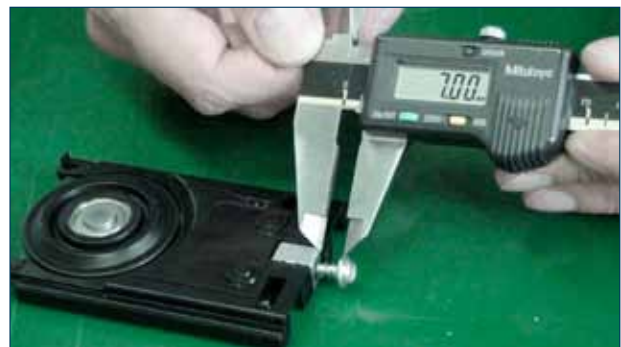
We designed and manufactured a dedicated MCA module with a special bowl feeder featuring 420 mm diameter cup, able to feed 37 mm long screws.



Bowl feeder cup with 420 mm diameter.



Bearings for sliding door wardrobes.



Tightening at fixed height.

The benefits of our solution

- The solution, tailor designed by Fiam, seamlessly integrated in the existing production line, successfully solves the need for increased production volume.

At the same time, fastening in accordance to part design specifications, contributes to the production of a of high quality finished product.



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