

ROBOT END-OF-ARM SUPPORT

INDUSTRIAL | Manufacturing automation



Application type:

Final part: Customized

Material:

HP 3D HR CB PA 12

Seb'Automatisme specializes in the manufacturing of special and modular machines, robotics integration, 3D printing, machinery tooling, and mechanical and electrical engineering. With the HP Jet Fusion 580 Color 3D Printer, Seb'Automatisme was able to design and create parts that were not possible with their previous solutions, while simultaneously cutting production times.

Printing this final support part with HP Multi Jet Fusion technology and a material like HP 3D HR CB PA 12—which resists oils and has strong mechanical properties—has allowed Seb'Automatisme to produce this robot end-of-arm part at a low cost and with features that would not be possible with traditional manufacturing.

This part is placed on the turret of the tooling machine and ensures precise positioning of the manipulated part while material flexibility enables the freeing of the part. This solution accelerated the speed of production, helping their customers increase productivity when producing a single part, while previous technologies could take up to 100 hours per part.

