

ROBOT GRIPPER

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.

Additive manufacturing has allowed Seb'Automatisme to design complex and intricate parts that are difficult to achieve with traditional manufacturing methods. The innovation of this gripper lies in the fact that three colors (red, blue, and green) are used to designate different areas of the gripper where corresponding pneumatic cables need to be connected.

Thanks to the design freedom and material properties enabled by HP Multi Jet Fusion technology, Seb'Automatisme was able to significantly decrease the weight of the robotic system and increase the production speed by enabling smoother flow of movement with the elimination of cables and tubes around the clamps, which has freed up space around the clamps.

