

PROBLEM SOLVER

GETTING A GRIP ON THE PROBLEM . . .



Problem: Vacuum Gripping Heads for specific applications can be difficult to specify, time consuming to design, trial and then manufacture. Which suction cup is best? how many are required? what size? what material? which vacuum generator is needed? What vacuum levels and safety factor should be applied? and how to sense the item picked? All crucial elements that add time, create uncertainty and result in long lead times from concept to supply.

Solution: Piab's advanced 3D printed Customizable Gripping Solutions will simplify the process by supplying a simple unit, optimised and designed with the correctly sized suction cups, vacuum generators and product sensing incorporated, along with CAD drawings, delivered quickly and complete within 3 working weeks, eliminating engineering time and making installation directly onto robot arms or tool changers quicker and easier.

Made of lightweight, durable materials and correctly dimensioned, state-of-the-art components, along with several mounting interface options available in accordance with ISO-9409-1, makes Piab's gripper solution easy to install on most robot brands, ensuring maximum performance and productivity for the customer.

General
Engineering



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