

PASCAL NEWS

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Pascal Engineering Newsletter

Change the way you automate with Pascal's Robot Tool Changer WVR

Pascal's automation solutions lineup now includes the WVR Robot Tool Changer. By automating the change of end effectors, shorter set-up times and reduced downtime is achieved all while increasing the functionality and applications of your robots. With the supply of either air or electricity, the WVR uses a ball lock system to connect and disconnect. Pascal provides options to support payloads from 5kg up to 200kg at moments up to 2985 N.m. The impressive 0.010mm



repeatability

will allow quick and reliable transferring of workpieces. Safety features include a fall protection mechanism and spring contact mechanism to prevent contact failure. The applications for the WVR are endless. Wherever your robot goes, from weld cells to packaging machines, Pascal's Robot Tool Changer will be there to support your production. Check out Pascal's YouTube channel to see the WVR Robot Tool Changer in action!



When it comes to machining, Pascal Supports



Prevent parts from distortion and chatter during machining by integrating a Pascal work support in your fixture. Once seated on the work support, workpieces are supported by use of hydraulic force which causes the sleeve to lock the plunger that holds the workpiece. Pascal provides a large selection of sizes, support strengths, and mounting types so that you can be sure to find the right work support for you. Choose from hydraulic or spring lift type in either threaded or manifold mounting. The manifold-type mounting style allows the options of



manifold piping or G port piping. Furthermore, Pascal ensures the longevity, durability, and repeatability of their work supports by integrating coolant resistant features such as Viton seals and ion nitride coating. Also, a wiper and air sensing/air purging capabilities are equipped to minimize the intrusion of chips and coolant. Additional work support options include enhanced support force, flow control, chip covers, long stroke options and more!



Threaded type

Flange type

Let Pascal Support you on your next project!

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