Pascal NEWS

Changeover to Pascal’s Quick-Change Fixture System

Pascal’s Pal System is the complete solution for transferring your tombstones, fixtures, and workpieces. If you’re looking for a low-cost solution for periodic changeover, our Pal fix locate rings are the perfect fit. The tapered surfaces are locked together with a threaded bolt to provide a seamless, simple yet reliable hold with 3-micron repeatability. For high-volume productions or frequent changeover, you’ll find that Pascal’s pallet clamps provide the robustness required for such environments. Pascal’s Pallet Clamps are equipped with seat check and air blow capability confirming secure clamping. Pascal’s locate rings are slotted to reduce wear and extend the longevity of the pallet clamp. Pair our Pallet Clamps or Pal fix system with our Pal Couplers and you will have a full fixture solution. Providing couplers for oil, air, or both, fixtures can be coupled and decoupled to provide seamless changeover and get you machining quickly. Simple, clean and robust, it’s no wonder that you’ll find Pascal’s Pal System equipped at the factories of some of the biggest machine tool manufacturers. With Pascal’s Pal System, the applications are endless.
Among the many index table manufacturers, what sets Pascal’s index table apart is undoubtedly its optimum speed, accuracy and durability. Pascal’s index table completes indexing 90 degrees in 0.5 seconds at an accuracy of 5 arc seconds. Compared to index tables with worm gear drives that create backlash that reduces resilience and accuracy over time, Pascal’s index table uses a roller gear cam drive and hirth coupling mechanism that enables quick and smooth rotation and results in greater durability and cost-savings on maintenance, allowing 1 million rotations without adjustment. Expand the possibilities of the Pascal index table by equipping Pascal expansion clamps to enable multi-axis machining in compact spaces. Index and Support tables with built in rotary joints can also be specified as options in addition to operation and control panels. Equip your machining center with a Pascal Index table and Pascal clamping solutions to multiply your machining possibilities.