

# Workholding Features



PWS-10408

### STEEL-BUSHED LOCATION HOLES

- All double-station laydown units have four bushed location holes for dowel pins on the bottom side of the base.
- Mounting is more accurate thanks to the base mounting holes and side rails for toe clamping. Refer to the product specifications for more information on the mounting features of our various models.

### INNOVATIVE OFFSET MECHANISM

- The offset mechanism gives you infinite front jaw back-off distances. The operator changes the back-off distance from the front of the unit without removing the jaws or using a wrench.
- The rear-to-front loading feature eliminates the need to reach over sharp or large workpieces.

### COMPLETELY ENCLOSED, ONE-PIECE MODULAR DESIGN

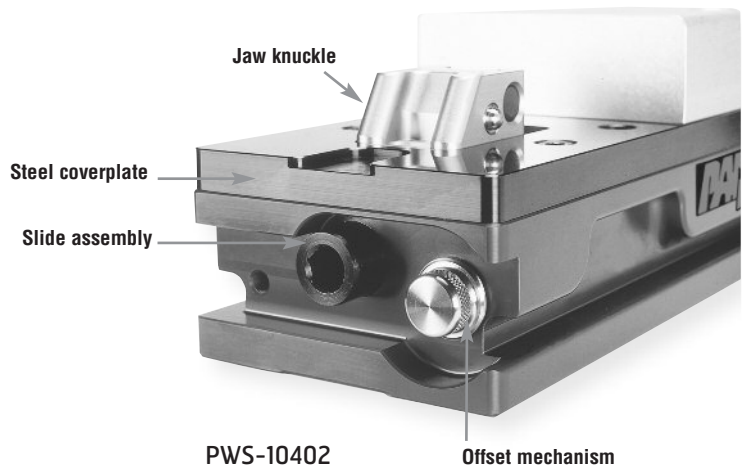
- This unique design prevents chips and debris from getting into the internal drive mechanism. It also limits the amount of coolant that enters the system.
- Since the base and body of the system are one piece, the system is very rigid. This design gives you improved accuracy and repeatability.
- The design incorporates a high-grade aluminum body with an alloy steel coverplate. This makes the system much more manageable and durable than a heavier, all-steel unit. Aluminum with steel helps dampen machining vibration.
- The coverplate is made of precision-ground steel and is bolted to the base, providing a precise surface for locating. In addition, the coverplate adds strength to the base and seals the internal drive mechanism.
- The modular design makes conversion to hydraulics easy. It also provides you with many fixturing configuration options.

### UNIQUE SLIDE DESIGN

- The system includes a true, free-floating slide. No drag brake to cause friction. Slide knuckles are made of 7075-T6 aluminum and are hard-coated for superior strength.

### QUICK-CHANGE JAW SYSTEM

- Quick-change knuckles eliminate the need for jaw pins and reduce jaw deflection. The jaws are indexable, enabling them to be used for multiple jobs.
- Enclosed design keeps chips out of internal drive mechanism.



PWS-10402

Offset mechanism