

### Dynamic balance device

Dynamic balancer reserves weight of upper die to eliminate the inertia produced by reciprocation. Vibration can be reduced to an extreme low level.

### 4 points of crank supporting

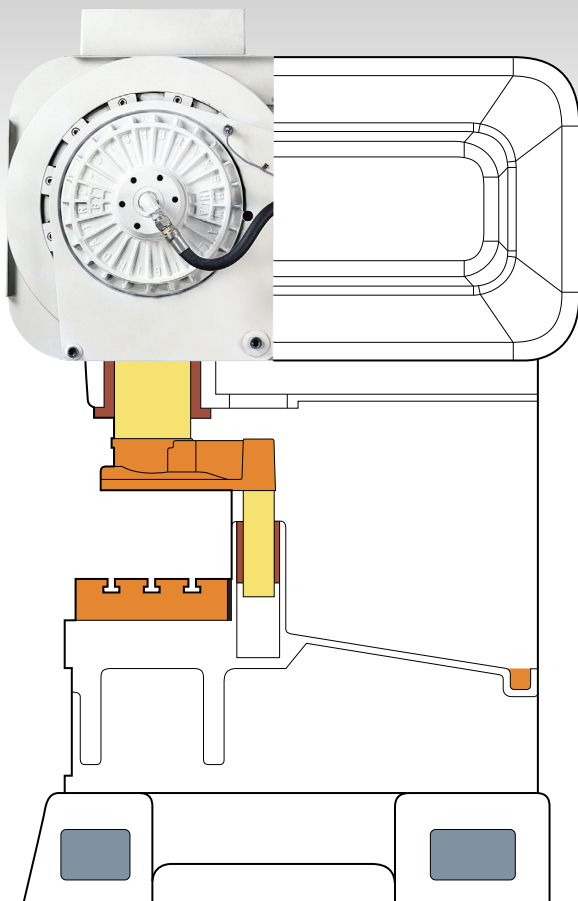
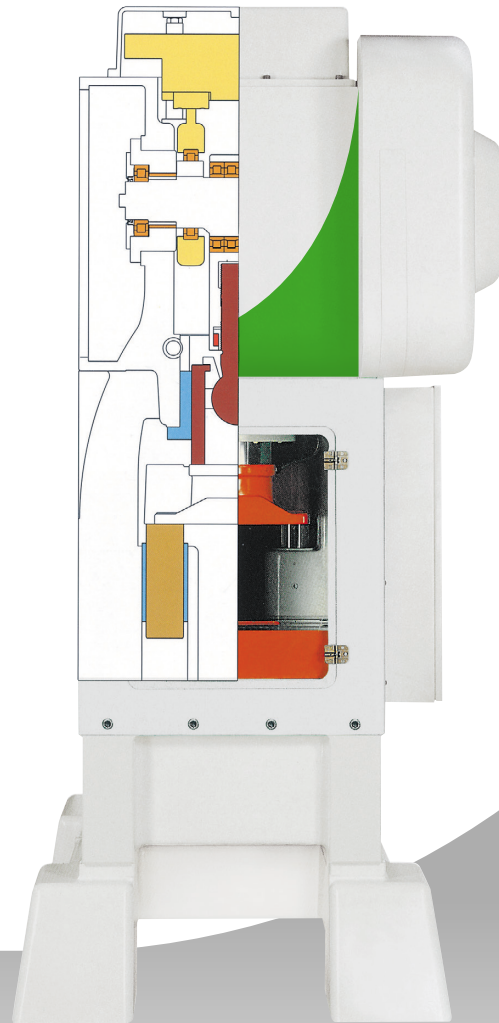
2 bearings and 2 brass bushings are applied to get smaller clearance and resist wear through years.

### Plunger & Dual-guide-post

Plunger isolates slide from angular front-to-back movement of connection. Dual-guide-post symmetrically absorbs sideward thrust during stamping. Casting guide hole in frame enhances vertical accuracy. Static pressure design is applied at guide posts. High pressure supporting to keep verticality throughout years.

### Gap enclosure

During stamping, gap enclosure can decrease deformation and increase die service life.



### Excellent design of casting fram

1 set of massive frame resist deflection and reduce vibration.

### Aluminum alloy air clutch

Aluminum alloy air clutch has the advantage of high torque and low inertia. Work sensitively and smaller brake angle. With shedder device, tool jam can be solved easily.

### Hydraulic locking device

Hydraulic locking device of screw rod eliminates the clearance to keep reciprocating accuracy.

### Lubrication system

Oil circulating by pump to prevent overheating and provide lubrication for all components.

### Refrigerant cooling system

Oil temperature is controlled stably after half hour running to keep heat expansion within 0.05mm.