



# PURROS

TAIZHOU PURROS MACHINERY CO., LTD

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## Rotary Multi Station Special Purpose Machine



### Function and features

- Turntable SPM can process simultaneously and multi working procedure, which is high efficiency.
- Unload the sample until it was processed finish, avoiding to positioning errors repeatedly.
- According to the product process requirements, it can be used: electric, hydraulic or servo turntable, and the splitter can also be selected for light cutting (such as drilling small holes, reaming holes or boring holes).
- For different requirements, it can be automatically or semi-automatically clamped by a discharge rack, a rack-type robot or a robot (mechanical arm).



## Rotary Index Drives Special Purpose Machine

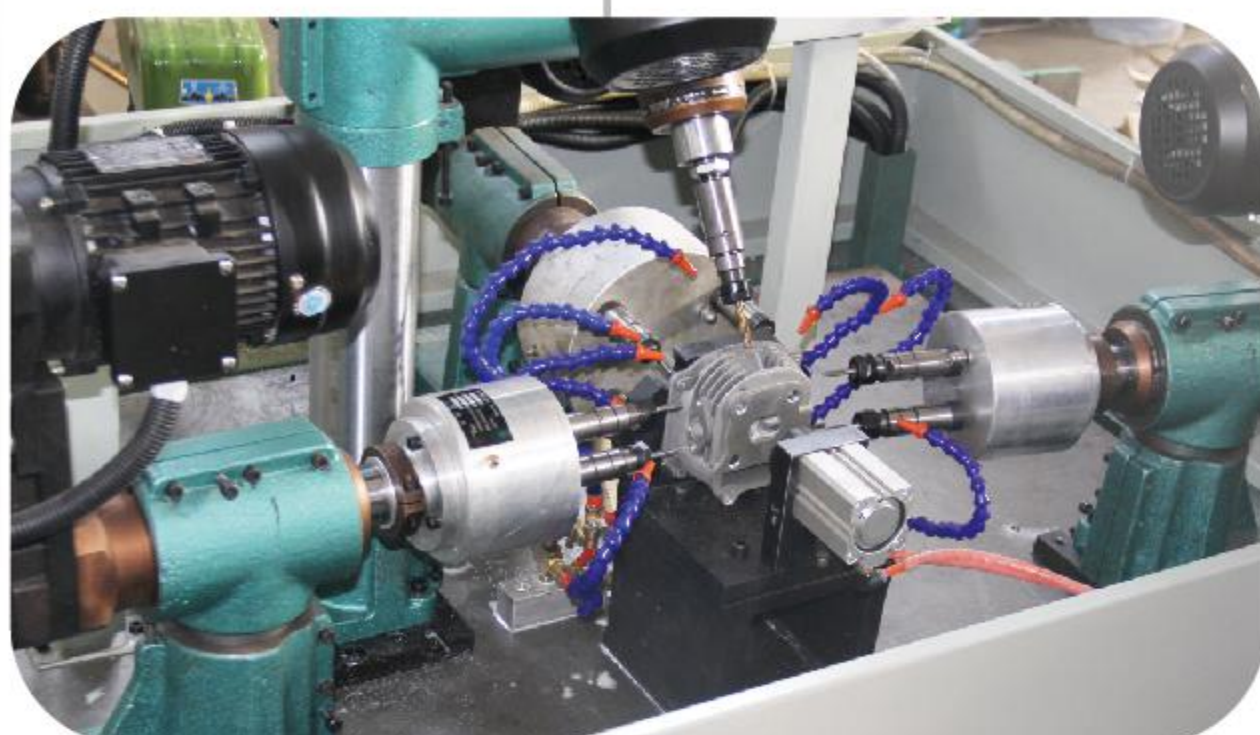


## Multiaspect Special Purpose Machine



### Function and features

- To achieve multi-directional simultaneous processing, processing efficiency.
- To clamp one time only, to avoid positioning errors repeatedly, accuracy guarantee.
- Servo or pneumatic slide is integrated with the function of drilling, tapping, boring and milling etc.



## Sliding Table Special Purpose Machine



## Multi Row Special Purpose Machine

### Function and features

- According to the process procedure and production capacity, it's design to multiple stations, manual clamping, automatic drilling and assembly line. The equipment is easy to operate and enlarge the productivity massively.
- It's with universal feature, and can process variety products by changing the different fixture.
- Optional components: pneumatic power drill unit, servo drill unit, lead screw tapping machine, single servo motor tapping machine, multi functions servo drilling and tapping machine.
- It can be installed with servo or pneumatic sliding table to realize multi-process one-time clamping for complete processing, avoiding positioning errors repeatedly. One person can handle two equipment at the same time and improve efficiency.



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Customize a variety of Special purpose machine(Rotary type, Multiaspect type, Multi Row type, Sliding Table type), Self Feed Drill Unit, Servo Drilling & Tapping Unit, Hydro Speed Regulator, Multi Spindle Head...





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## PURROS® Slef Feed Drill Units



| Model  | Rotating speed | Drilling capacity |           |       | Stroke       |                | Motor  | Thrust | Weight |
|--------|----------------|-------------------|-----------|-------|--------------|----------------|--------|--------|--------|
|        |                | Aluminum          | Cast iron | Steel | Total stroke | Cutting stroke | Output |        |        |
|        |                | mm                |           |       | mm           | mm             | kw     |        |        |
| PR32P  | 700-7500       | 12                | 9.5       | 8.5   | 80           | 80             | 0.55   | 1200   | 21     |
| PR32PL |                |                   |           |       | 120          | 120            |        |        | 24     |
| PR4P   |                | 19                | 15.5      | 13    | 100          | 100            | 0.75   | 1800   | 31     |
| PR4PL  |                |                   |           |       | 150          | 150            |        |        | 36     |
| PR6P   | 220-3500       | 24                | 21        | 19    | 150          | 150            | 1.5    | 5200   | 100    |

## PURROS® Servo Feed Drill Units



| Model | Rotating speed | Spindle motor power | Feed motor power | Drilling capacity |          | Feed screw   | Spindle travel |
|-------|----------------|---------------------|------------------|-------------------|----------|--------------|----------------|
|       |                |                     |                  | Steel             | Aluminum | Guide travel |                |
|       |                |                     |                  | mm                | mm       | mm           |                |
| PR3PS | 700-7500       | 0.55                | 0.4              | 8.5               | 12       | 5            | 100            |
| PR5PS |                | 0.75                | 0.75             | 12                | 16       |              |                |

## PURROS® Servo Tapping Units



| Model | Rotating speed |         | Tapping capacity |          | Travel adjustment range |                          |                   | Spindle motor power | Spindle travel |
|-------|----------------|---------|------------------|----------|-------------------------|--------------------------|-------------------|---------------------|----------------|
|       | Fast Forward   | Cutting | Steel            | Aluminum | Total stroke            | Fast forward to the trip | Pitch feed stroke |                     |                |
|       | min-1          |         |                  |          |                         |                          |                   |                     |                |
| PRST3 | 3370           | 1-1999  | M12              | M14      | MAX.80                  | MAX.80                   | MAX.50            | 1.8                 | 80             |
| PRST5 |                |         | M16              | M20      |                         |                          |                   | 2.3                 |                |

## PURROS® Double Servo Tapping/Drilling Units



| Model   | Rotating speed | Spindle motor power | Feed motor power | Drilling capacity |          | Tapping capacity |          | Feed screw   | Spindle travel |
|---------|----------------|---------------------|------------------|-------------------|----------|------------------|----------|--------------|----------------|
|         |                |                     |                  | Steel             | Aluminum | Steel            | Aluminum | Guide travel |                |
|         |                |                     |                  | mm                |          | mm               |          | mm           |                |
| PRST3-S | 0-5000         | 1.8                 | 0.4              | MAX               | MAX      | MAX              | MAX      | 5            | 100            |
|         |                |                     |                  | 10                | 14       | M12              | M14      |              |                |
| PRST5-S |                | 2.3                 | 0.75             | MAX               | MAX      | MAX              | MAX      |              |                |
|         |                |                     |                  | 13                | 18       | M16              | M20      |              |                |

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