

# Desktop Pneumatic Drilling Machine (PR-DPD3)



## Description:

PR-DPD3 Desktop Pneumatic Drilling Machine can improve the processing efficiency: fast arrival at the workpiece, adjustable drilling feed speed with hydro speed regulator, fast return. Same-day operation can be carried out by simply supplying a connection of power and air. The machine makes effective use of processing areas because it is equipped with an up-down adjustment and swing mechanism. It is possible to attach multi spindle head & automatic fixture to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-DPD3	PR-DPD3L
Machine tool dimension	300×450×900mm	300×450×1000mm
Working table effective size	230×230mm	230×230mm
Column diameter	Φ74mm	Φ74mm
Spindle diameter	Φ50mm	Φ50mm
Spindle taper	JT6	JT6
Spindle nose to table	180mm	180mm
Spindle full stroke	80mm	150mm
Feed stroke control	30/60mm	30/60/80/100mm
Spindle speed	Optional	Optional
Spindle Motor power	0.55/0.75Kw	0.55/0.75Kw
Drilling capacity	S45C/8.5mm	S45C/8.5mm
Fixture system	Optional	Optional
Standard working pressure	0.5MPa	0.5MPa
Total weight	70Kg	80Kg

# Desktop Pneumatic Drilling Machine (PR-DPD4)



## Description:

PR-DPD4 Desktop Pneumatic Drilling Machine can improve the processing efficiency: fast arrival at the workpiece, adjustable drilling feed speed with hydro speed regulator, fast return. Same-day operation can be carried out by simply supplying a connection of power and air. The machine makes effective use of processing areas because it is equipped with an up-down adjustment and swing mechanism. It is possible to attach multi spindle head & automatic fixture to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-DPD4	PR-DPD4L
Machine tool dimension	300×450×900mm	300×450×1000mm
Working table effective size	230×230mm	230×230mm
Column diameter	Φ92mm	Φ92mm
Spindle diameter	Φ50mm	Φ50mm
Spindle taper	JT6	JT6
Spindle nose to table	180mm	180mm
Spindle full stroke	100mm	150mm
Feed stroke control	40/60/80mm	40/60/80/100/130mm
Spindle speed	Optional	Optional
Spindle Motor power	1.1Kw	1.1Kw
Drilling capacity	S45C/13mm	S45C/13mm
Fixture system	Optional	Optional
Standard working pressure	0.5MPa	0.5MPa
Total weight	100Kg	110Kg

# Desktop Servo Drilling Machine (PR-DSD)

## Description:

PR-DSD Desktop Servo Drilling Machine consists of spindle motor and servo feed motor. The spindle speed is set before delivery or adjusted by belt pulley. can set the drilling depth and feed rate freely by touch screen within the program, ideal for small diameter, deep hole drilling, chamfering etc. Furthermore, as cycle time can be greatly reduced using a second home position, accuracy and efficiency of drilling dramatically improves. It is possible to attach multi spindle head & automatic fixture to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-DSD3	PR-DSD5
Machine tool dimension	300×450×900mm	300×450×1000mm
Working table effective size	230×230mm	230×230mm
Column diameter	Φ74mm	Φ104mm
Spindle diameter	Φ50mm	Φ70mm
Spindle taper	JT6	B18
Spindle nose to table	180mm	220mm
Spindle full stroke	100mm	100mm
Spindle speed	Optional	Optional
Spindle Motor power	0.55Kw	0.75Kw
Feed Motor power	0.4Kw	0.75Kw
Drilling capacity	S45C/8.5mm	S45C/12mm
Fixture system	Optional	Optional
Control system	PLC	PLC
Control panel	Touch Screen	Touch Screen
Total weight	70Kg	100Kg



# Desktop Lead Screw Tapping Machine (PR-DLT)

## Description:

PR-DLT Desktop Lead Screw Tapping Machine uses the spindle motor to drive the screw rod forward and backward through the belt pulley, To change the speed and pitch of the spindle, it needs to be adjusted by the pulley and gear. It is possible to attach multi spindle head & automatic fixture to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-DLT3	PR-DLT5
Machine tool dimension	300×450×900mm	300×450×1000mm
Working table effective size	230×230mm	230×230mm
Column diameter	Φ74mm	Φ104mm
Spindle diameter	Φ50mm	Φ70mm
Spindle taper	JT6	B18
Spindle nose to table	180mm	220mm
Spindle full stroke	80mm	80mm
Spindle speed	Optional	Optional
Spindle Motor power	0.75Kw	1.1Kw
Tapping capacity	S45C/M12	S45C/M16
Fixture system	Optional	Optional
Total weight	70Kg	100Kg



# Desktop Servo Tapping Machine (PR-DST)

## Description:

PR-DST Desktop Servo Tapping Machine spindle adopts servo motor, when the spindle motor rotates, it drives the feed screw rod forward and backward. It can set the spindle rotation speed, depth and feed rate freely by touch screen within the program, ideal for hole tapping. Furthermore, as cycle time can be greatly reduced using a second home position, accuracy and efficiency of tapping dramatically improves. It is possible to attach multi spindle head & automatic fixture to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-DST3	PR-DST5
Machine tool dimension	300×450×900mm	300×450×1000mm
Working table effective size	230×230mm	230×230mm
Column diameter	Φ74mm	Φ104mm
Spindle diameter	Φ50mm	Φ70mm
Spindle taper	JT6	B18
Spindle nose to table	180mm	220mm
Spindle full stroke	80mm	80mm
Spindle speed	0-3000rpm	0-3000rpm
Spindle Motor power	1.8Kw	2.3Kw
Tapping capacity	S45C/M12	S45C/M16
Fixture system	Optional	Optional
Control system	PLC	PLC
Control panel	Touch Screen	Touch Screen
Total weight	70Kg	100Kg



# Desktop Servo Drilling & Tapping Machine (PR-DSDT)

## Description:

PR-DSDT Desktop Servo Drilling & Tapping Machine have two servo motor & servo control system can set the spindle rotation speed, depth, pitch and feed rate freely by touch screen within the program, ideal for hole drilling or tapping. Furthermore, as cycle time can be greatly reduced using a second home position, accuracy and efficiency of drilling or tapping dramatically improves. It is possible to attach multi spindle head & automatic fixture to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-DSDT3	PR-DSDT5
Machine tool dimension	300×450×900mm	300×450×1000mm
Working table effective size	230×230mm	230×230mm
Column diameter	Φ74mm	Φ104mm
Spindle diameter	Φ50mm	Φ70mm
Spindle taper	JT6	B18
Spindle nose to table	180mm	220mm
Spindle full stroke	100mm	100mm
Spindle speed	0-3000rpm	0-3000rpm
Spindle Motor power	1.8Kw	2.3Kw
Feed Motor power	0.4Kw	0.75Kw
Drilling capacity	S45C/10mm	S45C/13mm
Tapping capacity	S45C/M12	S45C/M16
Fixture system	Optional	Optional
Control system	PLC	PLC
Control panel	Touch Screen	Touch Screen
Total weight	70Kg	100Kg



# Table Pneumatic Drilling Machine (PR-TPD3)



## Description:

PR-TPD3 Table Pneumatic Drilling Machine can improve the processing efficiency: fast arrival at the workpiece, adjustable drilling feed speed with hydro speed regulator, fast return. Same-day operation can be carried out by simply supplying a connection of power and air. The machine makes effective use of processing areas because it is equipped with an up-down adjustment and swing mechanism. It is possible to attach multi spindle head, automatic fixture & cooling system to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-TPD3	PR-TPD3L
Machine tool dimension	600×750×1800mm	600×750×2000mm
Working table effective size	230×230mm	230×230mm
Column diameter	Φ74mm	Φ74mm
Spindle diameter	Φ50mm	Φ50mm
Spindle taper	JT6	JT6
Spindle nose to table	180mm	180mm
Spindle full stroke	80mm	150mm
Feed stroke control	30/60mm	30/60/80/100mm
Spindle speed	Optional	Optional
Spindle Motor power	0.55/0.75Kw	0.55/0.75Kw
Drilling capacity	S45C/8.5mm	S45C/8.5mm
Cooling system	Optional	Optional
Fixture system	Optional	Optional
Standard working pressure	0.5MPa	0.5MPa
Total weight	110Kg	130Kg

## Table Pneumatic Drilling Machine (PR-TPD4)



### Description:

PR-TPD4 Table Pneumatic Drilling Machine can improve the processing efficiency: fast arrival at the workpiece, adjustable drilling feed speed with hydro speed regulator, fast return. Same-day operation can be carried out by simply supplying a connection of power and air. The machine makes effective use of processing areas because it is equipped with an up-down adjustment and swing mechanism. It is possible to attach multi spindle head, automatic fixture & cooling system to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

### Parameter:

MODEL	PR-TPD4	PR-TPD4L
Machine tool dimension	600×750×1800mm	600×750×2000mm
Working table effective size	230×230mm	230×230mm
Column diameter	Φ92mm	Φ92mm
Spindle diameter	Φ50mm	Φ50mm
Spindle taper	JT6	JT6
Spindle nose to table	180mm	180mm
Spindle full stroke	100mm	150mm
Feed stroke control	40/60/80mm	40/60/80/100/130mm
Spindle speed	Optional	Optional
Spindle Motor power	1.1Kw	1.1Kw
Drilling capacity	S45C/13mm	S45C/13mm
Cooling system	Optional	Optional
Fixture system	Optional	Optional
Standard working pressure	0.5MPa	0.5MPa
Total weight	180Kg	190Kg



# Table Pneumatic Drilling Machine (PR-TPD5)



## Description:

PR-TPD5 Table Pneumatic Drilling Machine can improve the processing efficiency: fast arrival at the workpiece, adjustable drilling feed speed with hydro speed regulator, fast return. Same-day operation can be carried out by simply supplying a connection of power and air. The machine makes effective use of processing areas because it is equipped with an up-down adjustment and swing mechanism. It is possible to attach multi spindle head, automatic fixture & cooling system to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-TPD5	PR-TPD5L
Machine tool dimension	850×1050×2000mm	850×1050×2000mm
Working table effective size	420×620mm	420×620mm
Column diameter	Φ104mm	Φ104mm
Spindle diameter	Φ70mm	Φ70mm
Spindle taper	JT6	JT6
Spindle nose to table	220mm	220mm
Spindle full stroke	100mm	150mm
Feed stroke control	40/60/80mm	40/60/80/100/130mm
Spindle speed	Optional	Optional
Spindle Motor power	1.5Kw	1.5Kw
Drilling capacity	S45C/16mm	S45C/16mm
Cooling system	Optional	Optional
Fixture system	Optional	Optional
Standard working pressure	0.5MPa	0.5MPa
Total weight	300Kg	320Kg

# Table Servo Drilling Machine (PR-TSD)



## Description:

PR-TSD Table Servo Drilling Machine consists of spindle motor and servo feed motor. The spindle speed is set before delivery or adjusted by belt pulley. can set the drilling depth and feed rate freely by touch screen within the program, ideal for small diameter, deep hole drilling, chamfering etc. Furthermore, as cycle time can be greatly reduced using a second home position, accuracy and efficiency of drilling dramatically improves. It is possible to attach multi spindle head, automatic fixture & cooling system to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-TSD3	PR-TSD5
Machine tool dimension	600×750×1800mm	850×1250×2000mm
Working table effective size	230×230mm	420×620
Column diameter	Φ74mm	Φ104mm
Spindle diameter	Φ50mm	Φ70mm
Spindle taper	JT6	JT6
Spindle nose to table	180mm	220mm
Spindle full stroke	100mm	100mm
Spindle speed	Optional	Optional
Spindle Motor power	0.55Kw	0.75Kw
Feed Motor power	0.4Kw	0.75Kw
Drilling capacity	S45C/8.5mm	S45C/12mm
Cooling system	Optional	Optional
Fixture system	Optional	Optional
Control system	PLC	PLC
Control panel	Touch Screen	Touch Screen
Total weight	180Kg	300Kg

## Table Lead Screw Tapping Machine (PR-TLT)



### Description:

PR-TLT Table Lead Screw Tapping Machine uses the spindle motor to drive the screw rod forward and backward through the belt pulley, To change the speed and pitch of the spindle, it needs to be adjusted by the pulley and gear. It is possible to attach multi spindle head, automatic fixture & cooling system to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

### Parameter:

MODEL	PR-TLT3	PR-TLT5
Machine tool dimension	600×750×1800mm	850×1250×2000mm
Working table effective size	230×230mm	420×620
Column diameter	Φ74mm	Φ104mm
Spindle diameter	Φ50mm	Φ70mm
Spindle taper	JT6	B18
Spindle nose to table	180mm	220mm
Spindle full stroke	80mm	80mm
Spindle speed	Optional	Optional
Spindle Motor power	0.75Kw	1.1Kw
Tapping capacity	S45C/M12	S45C/M16
Cooling system	Optional	Optional
Fixture system	Optional	Optional
Total weight	180Kg	300Kg

# Table Servo Tapping Machine (PR-TST)



## Description:

PR-TST Table Servo Tapping Machine spindle adopts servo motor, when the spindle motor rotates, it drives the feed screw rod forward and backward. It can set the spindle rotation speed, depth and feed rate freely by touch screen within the program, ideal for hole tapping. Furthermore, as cycle time can be greatly reduced using a second home position, accuracy and efficiency of tapping dramatically improves. It is possible to attach multi spindle head, automatic fixture & cooling system to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-TST3	PR-TST5
Machine tool dimension	600×750×1800mm	850×1250×2000mm
Working table effective size	230×230mm	420×620
Column diameter	Φ74mm	Φ104mm
Spindle diameter	Φ50mm	Φ70mm
Spindle taper	JT6	JT6
Spindle nose to table	180mm	220mm
Spindle full stroke	80mm	80mm
Tapping stroke	50mm	50mm
Spindle speed	0-3000rpm	0-3000rpm
Spindle Motor power	1.8Kw	2.3Kw
Tapping capacity	S45C/M12	S45C/M16
Cooling system	Optional	Optional
Fixture system	Optional	Optional
Control system	PLC	PLC
Control panel	Touch Screen	Touch Screen
Total weight	180Kg	300Kg

# Table Servo Drilling & Tapping Machine (PR-TSDT)



## Description:

PR-TSDT Table Servo Drilling & Tapping Machine have two servo motor & servo control system can set the spindle rotation speed, depth, pitch and feed rate freely by touch screen within the program, ideal for hole drilling or tapping. Furthermore, as cycle time can be greatly reduced using a second home position, accuracy and efficiency of drilling or tapping dramatically improves. It is possible to attach multi spindle head, automatic fixture & cooling system to suit specific applications. One person at the same time can operate 2-3 machine, can improve the production efficiency.

## Parameter:

MODEL	PR-TSDT3	PR-TSDT5
Machine tool dimension	600×750×1800mm	850×1250×2000mm
Working table effective size	230×230mm	420×620
Column diameter	Φ74mm	Φ104mm
Spindle diameter	Φ50mm	Φ70mm
Spindle taper	JT6	JT6
Spindle nose to table	180mm	220mm
Spindle full stroke	100mm	100mm
Spindle speed	0-3000rpm	0-3000rpm
Spindle Motor power	1.8Kw	2.3Kw
Feed Motor power	0.4Kw	0.75Kw
Drilling capacity	S45C/10mm	S45C/13mm
Tapping capacity	S45C/M12	S45C/M16
Cooling system	Optional	Optional
Fixture system	Optional	Optional
Control system	PLC	PLC
Control panel	Touch Screen	Touch Screen
Total weight	180Kg	300Kg