

ENC Single spindle screw tightening system (Blowing screw type)

Customized base on your screw and requirement = Perfect performance in your work



Reference image:	Features:
	<ol style="list-style-type: none"> 1) Customized according to your actual requirement and screw size. 2) The electric or pneumatic screwdriver, servo motor or step motor all can be applied as the driver. 3) Driver brand: ASA, KILEWS, HIOS, DEPRAG etc. 4) Had installed all the necessary sensors as magnet switch (Upside & downside), U photoelectric etc. You can connect them to your PLC with terminal. 5) 3D drawing in STEP is available to supply for your reference during design. 6) Had matched the related consumable as screw feeding pipe and screwdriver bits. 7) Matched with our special power controller for automation equipment, It owns the function of signal input and output, Which is convenient for PLC to get the brake signal and output startup signal to start screwdriver also.

Screw size:	Installing:	Complimentary accessories:																
<p>$L \geq 1.3D, P \geq 1.2mm$</p> <p>NOTE: If your screw can not meet this condition, You can refer P38 and P39 to match the most appropriate models.</p>	<table border="1"> <thead> <tr> <th>Portal frame type:</th> <th>Stand column type:</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Portal frame type:	Stand column type:			<table border="1"> <thead> <tr> <th>2/Power controller</th> <th>3/Power cord A</th> <th>4/Power cord B</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>5/Screw feeding pipe</th> <th>6/Air inlet pipe</th> <th>7/Air outlet pipe</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2/Power controller	3/Power cord A	4/Power cord B				5/Screw feeding pipe	6/Air inlet pipe	7/Air outlet pipe			
Portal frame type:	Stand column type:																	
2/Power controller	3/Power cord A	4/Power cord B																
5/Screw feeding pipe	6/Air inlet pipe	7/Air outlet pipe																

Shipping list:			
	1	Body (Include all parts in the left 3D drawing)	1 Set
	2	Power controller (It is absent, If the driver is the pneumatic type)	1 Pcs
	3	Power cord A (It is absent, If the driver is the pneumatic type)	1 Pcs
	4	Power cord B (It is absent, If the driver is the pneumatic type)	1 Pcs
	5	Screw feeding pipe, 2M	1 Pcs
	6	Air inlet pipe, 1M	1 Pcs
	7	Air outlet pipe, 1M	1 Pcs

Specification:	SSTS-200	SSTS-300	SSTS-400
Item/Model	SSTS-200	SSTS-300	SSTS-400
Travel L1, Travel L2 (mm)	0~42, 0~15	0~45, 0~20	0~50, 0~25
Driver type, Brand	Electric screwdriver, ASA	Electric screwdriver, ASA; Pneumatic screwdriver M&L	
Screw feeding pattern	Blowing screw by high pressure air		
Cylinder brand	Airtac		
Magnet switch brand	F&C		
Appropriate screw (mm)	Ø1.5~2.5	Ø2.5~4.0	Ø4.0~6.0

Technical matters to be confirmed before ordering:	
① Cylinder brand required (Standard: Airtac);	
② Magnet switch required (Standard: F&C);	
③ Screw driver brand required (Standard: ASA and M&L);	
④ Value of "a", Value of "b" (Please refer the image in the right table);	
⑤ Value of "c", Value of "d" (Please refer the image in the right table);	
⑥ Please confirm whether all the screw hole are in the same plane;	

ENC Double spindles screw tightening system

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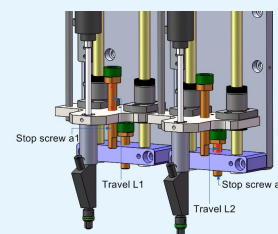


Reference image:	Features:
	<ol style="list-style-type: none"> 1) Customized according to your actual requirement and screw size. 2) The electric screwdriver, pneumatic screwdriver, servo motor or step motor all can be applied as the driver. 3) Driver brand: ASA, KILEWS, HIOS, DEPRAG etc. 4) We had installed all the necessary sensor, Such as magnet switch (Upside & downside), U photoelectric etc. 5) 3D drawing in STEP is available to supply for your reference during design. 6) We had matched the related consumable for you, Such as screw feeding pipe and screwdriver bits. 7) Matched with the special power controller for automation equipment, It owns the function of signal input and output, Your PLC can control our system well.

Screw size:	Installing:	Complimentary accessories:		
<p>$L \geq 1.3D, P \geq 1.2mm$</p> <p>NOTE: If your screw can not meet this condition, You can refer P55 and P56 to match the most appropriate models.</p>	<p>Portal frame type</p>	2/Power controller	3/Power cord A	4/Power cord B
		5/Screw feeding pipe	6/Air inlet pipe	7/Air outlet pipe

Shipping list:	
	<ol style="list-style-type: none"> 1 Body (Include all parts in the left 3D drawing) 1 Set 2 Power controller (It is absent, If the driver is the pneumatic type) 2 Pcs 3 Power cord A (It is absent, If the driver is the pneumatic type) 2 Pcs 4 Power cord B (It is absent, If the driver is the pneumatic type) 2 Pcs 5 Screw feeding pipe, 2M 2 Pcs 6 Air inlet pipe, 1M 2 Pcs 7 Air outlet pipe, 1M 2 Pcs

Specification:	DSTS-200	DSTS-300	DSTS-400
Travel L1, Travel L2 (mm)	0~42, 0~15	0~45, 0~20	0~50, 0~25
Driver type, Brand	Electric screwdriver, ASA	Electric screwdriver, ASA; Pneumatic screwdriver M&L	
Screw feeding pattern	Blowing screw by high pressure air		
Cylinder brand	Airtac		
Magnet switch brand	F&C		
Appropriate screw (mm)	Ø1.5~2.5	Ø2.5~4.0	Ø4.0~6.0



Technical matters to be confirmed before ordering:

① Cylinder brand required (Standard: Airtac);	
② Magnet switch required (Standard: F&C);	
③ Screw driver brand required (Standard: ASA and M&L);	
④ Value of "a", Value of "b" (Please refer the image in the right table);	
⑤ Value of "c", Value of "d" (Please refer the image in the right table);	
⑥ Please confirm whether all the screw hole are in the same plane;	
⑦ Value of "e" (The distance between two screw holes);	

ENC Screw tightening system (Vacuum suction type)

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Reference image:	Features:
	<ol style="list-style-type: none"> 1) The sucker will never touch the surface of workpiece, So the surface can be protected well during screw assembling. 2) It can meet the screws in special dimension and texture, Such as the screw with short thread, the screw in plastic texture. 3) Had matched all the necessary sensors as magnet switch, U photoelectric etc. You can connect them to your PLC with terminal directly. 4) 3D drawing in STEP is available to supply for your reference during design. 5) Had matched all the consumable as screw feeding pipe and screwdriver bits. 6) Matched with our special power controller for automation equipment, It owns the function of signal input and output, Which is convenient for PLC to get the brake signal and output startup signal to start screwdriver also.

Screw type:			Installing:	Complimentary accessories:		
Short thread	With washer	Mini. size		2/Power controller	3/Power cord A	4/Power cord B
Screw texture:				5/Vacuum suction pipe	6/Air inlet pipe	7/Air outlet pipe
Plastic	Copper	Aluminum	Stainless steel			

Shipping list:			
	1	Body (Include all parts in the left 3D drawing)	1 Set
	2	Power controller (It is absent, If the driver is the pneumatic type)	1 Pcs
	3	Power cord A (It is absent, If the driver is the pneumatic type)	1 Pcs
	4	Power cord B (It is absent, If the driver is the pneumatic type)	1 Pcs
	5	Vacuum suction pipe, 2M	1 Pcs
	6	Air inlet pipe, 1M	1 Pcs
	7	Air outlet pipe, 1M	1 Pcs

Specification:				Simple type:
Item/Model	VSTS-200	VSTS-300	VSTS-400	
Torque (Kgf.cm ²)	0.15~5.0	2~16	7~50	
Driver type, Brand	Electric screwdriver, ASA	Electric screwdriver, ASA; Pneumatic screwdriver M&L		
Screw feeding pattern	Vacuum suction			
Cylinder brand	Airtac			
Magnet switch brand	F&C			
Appropriate screw (mm)	Ø1.5~2.5	Ø2.5~4.0	Ø4.0~6.0	NOTE: Front of sucker will touch the surface of workpiece.

Technical matters to be confirmed before ordering:	
① Cylinder and magnet switch brand required (Standard: Airtac);	
② Screw driver brand required (Standard: ASA and M&L);	
③ Whether allow the sucker touching the surface of workpiece during assembling?	
④ Value of "a", Value of "b" (Please refer the image in the right table);	
⑤ Value of "c", Value of "d" (Please refer the image in the right table);	
⑥ Please confirm whether all the screw hole are in the same plane;	

ENC Screw tightening system (Magnet picking up type)

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Features:	Reference image:
<ol style="list-style-type: none"> 1) Can meet all the screw in iron, cobalt, nickel texture. 2) The screwdriver bits is with strong magnet, Then it can pick up the screw from the screw feeder stably, So It can meet the screw assembling in deep hole but with little space between the screw head and hole in wall well. 3) Had matched all the necessary sensors as magnet switch, U photoelectric etc. You can connect them to your PLC with terminal directly. 4) 3D drawing in STEP is available to supply for your reference during design. 5) Had matched all the consumable as screw feeding pipe and screwdriver bits. 6) Matched with our special power controller for automation equipment, It owns the function of signal input and output, Which is convenient for PLC to get the brake signal and output startup signal to start screwdriver also. 	

Screw texture:			Installing:
Iron	Containing cobalt	Containing nickel	

Complimentary accessories:			
2/Power controller	3/Power cord A	4/Power cord B	5/Electromagnet (For big screw)

Shipping list:		
	<ol style="list-style-type: none"> 1 Body (Include all parts in the left 3D drawing) 1 Set 2 Power controller (It is absent, If the driver is the pneumatic type) 1 Pcs 3 Power cord A (It is absent, If the driver is the pneumatic type) 1 Pcs 4 Power cord B (It is absent, If the driver is the pneumatic type) 1 Pcs 5 6 7 	

Specification:				Simple type:	
Item/Model	SMTS-200	SMTS-300	SMTS-400	Standard	For big screw
Torque (Kgf.cm ²)	0.15~5.0	2~16	7~50		
Driver type, Brand	Electric screwdriver, ASA	Electric screwdriver, ASA; Pneumatic screwdriver M&L			
Screw feeding pattern	Strong magnet				
Cylinder brand	Airtac				
Magnet switch brand	F&C				
Appropriate screw (mm)	Ø1.5~2.5	Ø2.5~4.0	Ø4.0~6.0		

Technical matters to be confirmed before ordering:	
<ol style="list-style-type: none"> ① Cylinder and magnet switch brand required (Standard: Airtac); ② Screw driver brand required (Standard: ASA and M&L); ③ Screw size and texture; ④ Value of "a", Value of "b" (Please refer the image in the right table); ⑤ Value of "h" (Please refer the image in the right table); ⑥ Please confirm whether all the screw hole are in the same plane; 	