

ET-300

Technical Part

I、 Technique Specification

No.	Specification	Unit	ET-300	ET-300
1	Punch Force	KN	300	300
2	Max. Processing Size	mm	1250×2500	1500X5000
3	Max. Processing Thickness	mm	6.35	6.35
4	Max. Punch Diameter per Time	mm	ϕ 88.9	ϕ 88.9
5	No. of Station	No.	32	32
6	Accuracy	mm	±0.10	±0.10
7	Max. Feeding Speed	m/min	68	68
8	Turret Rotating Speed	rpm	30	30
9	Max. punch Hit per Minute	hpm	300	300
10	Controlling Axis	No.	4	4
11	Rotating Speed of AI	Rpm	60	60
12	CNC System		Fanuc	Fanuc
13	Air Pressure	Mpa	0.7	0.7
14	Main Motor Power	kW	11	11
15	Outline Dimension	mm	5020*2680*2600	5520*5000*2600
16	Machine Structure		O-Type	O-Type
17	Layout of Turret	10 nos. of A Station, 16 nos. of B stations, 2 nos. of C , 4 no,D stations		

II、Components List

Name	Model	Supplier
1、 Linear Guide way	HSR35A2SSC1+2360L	THK or INA
	HSR35A2SSC1+2060L	
2、 Ball screw	R32-25B1-FSV-L1-L2-0.012	HIWIN
	R32-25B1-FSV-L1-L2-0.012	
3、 Ball screw Bearing	25TAC62BDFC10PN7A	NSK
	25TAC62BDFC10PN7A	
4、 Triangle Belt	B2640	China Taiwan
5、 Clutch	KB-0400	OMPI
6、 Three-Joint	AC40A-06	SMC or FESTO
	KQL08-02S	SMC or FESTO
	KQL08-03S	SMC or FESTO
7、 Pipe Tie-in	KQH08-01S	SMC or FESTO
	KQH08-02S	SMC or FESTO
	KQH08-03S	SMC or FESTO
	KQT08-00	SMC or FESTO
	PLUG1/8	SMC or FESTO
10、 Flow Limiter	AS2201F-01-08S	SMC or FESTO
	AS2201F-02-08S	SMC or FESTO
11、 Solenoid Valve	SY7120-50D-30D	SMC or FESTO
	SY5120-5D-01	SMC or FESTO
	SY5120-5D-01	SMC or FESTO
12、 Muffler	AN500-06	SMC or FESTO
	AN103-01	SMC or FESTO
14、 Magnetic Switch	D-A73L	SMC or FESTO
15、 Rack	SX7000-16-1A	SMC or FESTO
16、 Pressure Switch	GP46-10-02L5	SMC or FESTO
17、 Cylinder	CDO2B50-30D	SMC or FESTO
18、 CNC System		FANUC
Display		FANUC
Power Module		FANUC
Driving Module		FANUC
Servo Motor		FANUC

Breaker		Schneider
Contactora		Schneider
19、Others	Paints	Holland

III、 Main Characteristics

(I)、 The turret with bushing is process in pairs

The turret is processed by special device to ensure the coaxiality of the upper and lower turret and expand the service life of tooling; the bushed turret simplifies the turret structure to extend the service life; long tooling can be used to increase the guiding accuracy and expand the tooling service life (for thick sheet).

(II)、 Imported pneumatic and electric components ensures the reliability of the whole machine.

(III)、 Large lead guide way and ball screw from Japan or Germany ensures high feeding precise.

(IV)、 Hard brush and ball mixed worktable reduces the noise and vibration during running and also protects the sheet surface.

(V)、 O-type welded frame has been vibrated for twice, the stress has been deleted completely.

(VI)、 Floating clamp with large clamping force ensures the stable feeding; integrated carriage ensures good rigidity and convenient movement of clamp.

(VII)、 Imported clutch enjoys the working life three times as much as that of clutch made in the local market in China, ensuring stable working condition.

(VIII)、 Integrated beam structure to make the carriage and beam into one part, increasing the rigidity and brings the accurate positioning. The machine can run much more stably during high speed feeding and it puts an end to the deflection of X and Y axes.

(IX)、 The auto-index adopts high accurate worm wheel and worm mechanism, ensuring high precise indexing. The max. tooling diameter can reach 88.9mm and the auto-index can be expanded to 4 nos.

IV、 Dispatch Documents, Spare Parts and Accessories

Dispatch Documents

No.	Description	Quantity	Remark
1	Packing List	1 no.	
2	Quality Certificate	1 no.	
3	Instruction	1 no.	
4	Programming Manual	1 no.	
5	Operation Manual	1 no.	
6	Tooling Drawing	1 Set	Made in China
7	Foundation Drawing	1 Set	
8	Electrical Principal	1 Set	
9	CNC System	1 Set	

Dispatch Accessories

No.	Description	Gauge	Quantity
1	Double Spanner	5.5×7 - 22×24	1 Set
2	Movable Spanner	200	1 no.
3	Hex Socket Spanner	S1.5-S10	1 Set
4	Cross Screwdriver	100×6	1 no.
5	Screwdriver	100×6	1 no.
6	Grease Gun		1 no.

Dispatch Spare Parts

No.	Description	Quantity
1	Clamp Board	2 nos.
2	Brush	20 nos.
3	Spring	20 nos.