

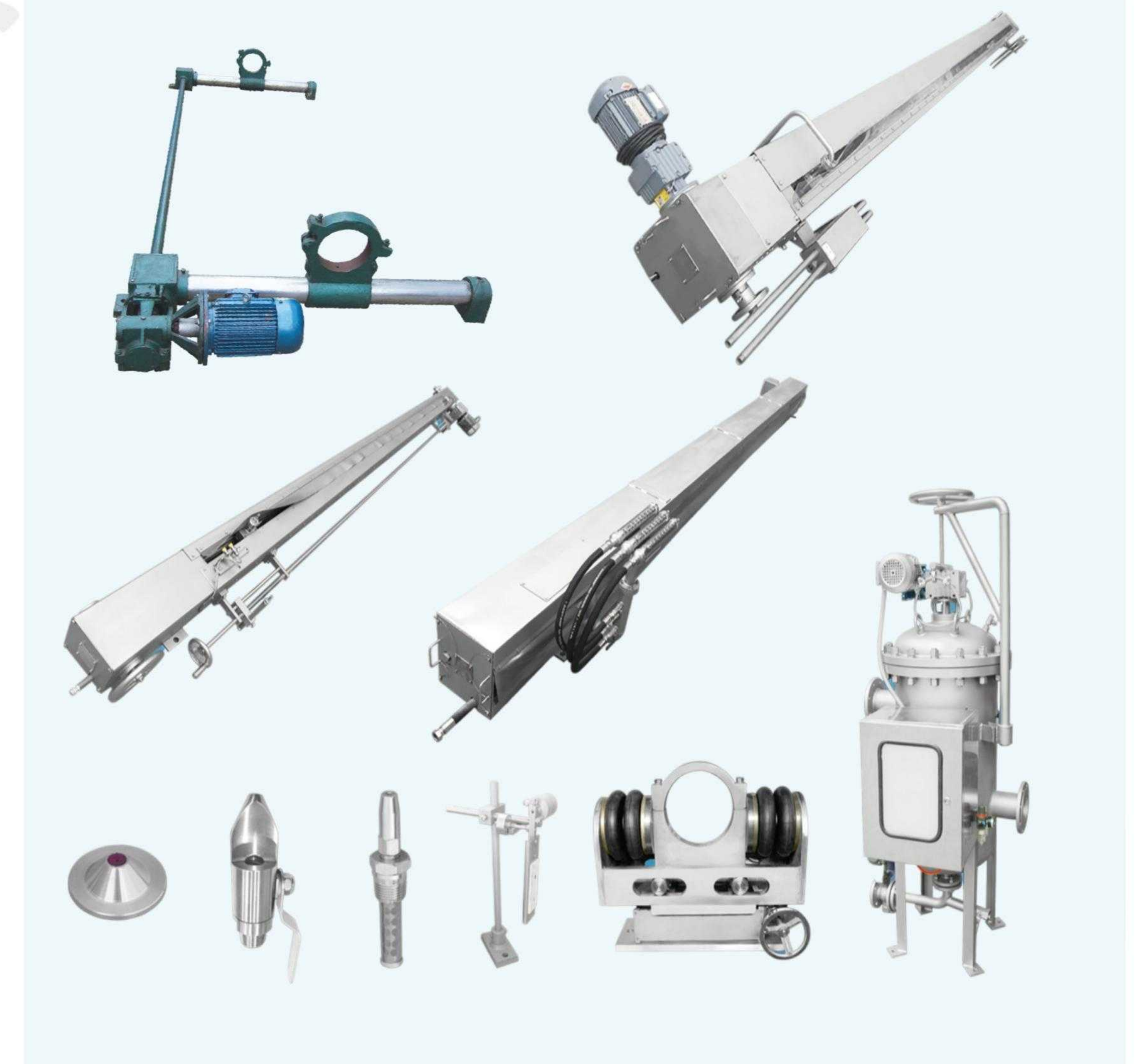


SUN HONG >>> Spray System for Paper Machine



SUN HONG specializes in producing equipment such as nozzles, online cleaning devices; cleaning system for forming fabric, press felt, dryer fabric; wire & felt wetting chemicals; automatic edge cutting water needles, correctors, tensioners, etc. for paper machines.

SUN HONG have over thirty years of manufacturing and production technology, rich manufacturing experience, strong technical strength, advanced process equipment, complete quality assurance system, and scientific management mode, always providing customers with higher quality, more practical, and more economical professional products.



Paper Cutting Needle - SHSZ Single Hole Needle

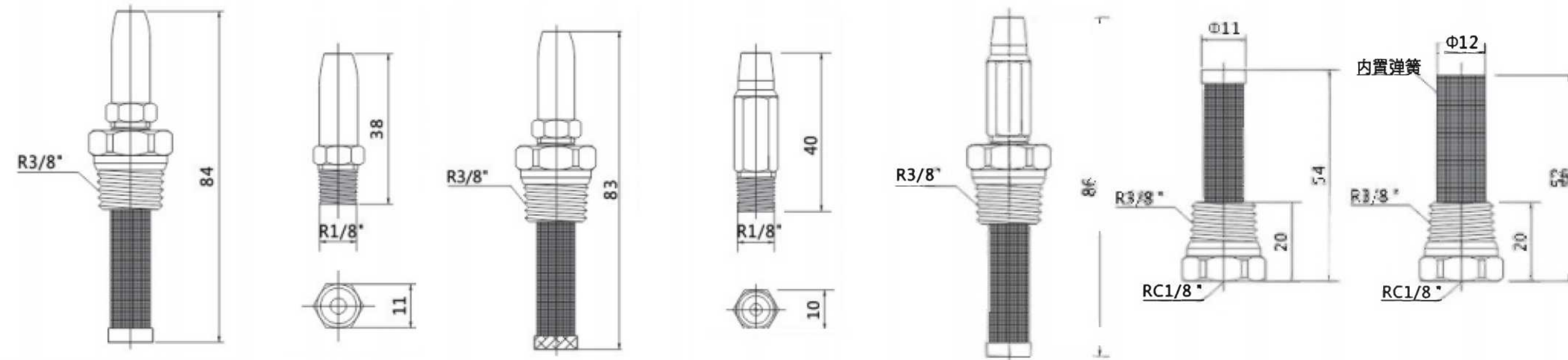
Application: cutting paper edge, correcting paper width, guiding paper, removing burrs, etc.

Aperture range: 0.3mm-0.5mm, with the use of filter net, it can prevent the nozzle from clogging

Thread interface: R3/8", R1/2", M14*1.5, M18*1... (external thread with net type)
RC1/8", RC10*1, RC18*1, RC1/2" ... (internal thread without net type)



SHSZ001 SHSZ001-1 SHSZ002 SHSZ009 SHSZ010 SHSZ-A SHSZ-B



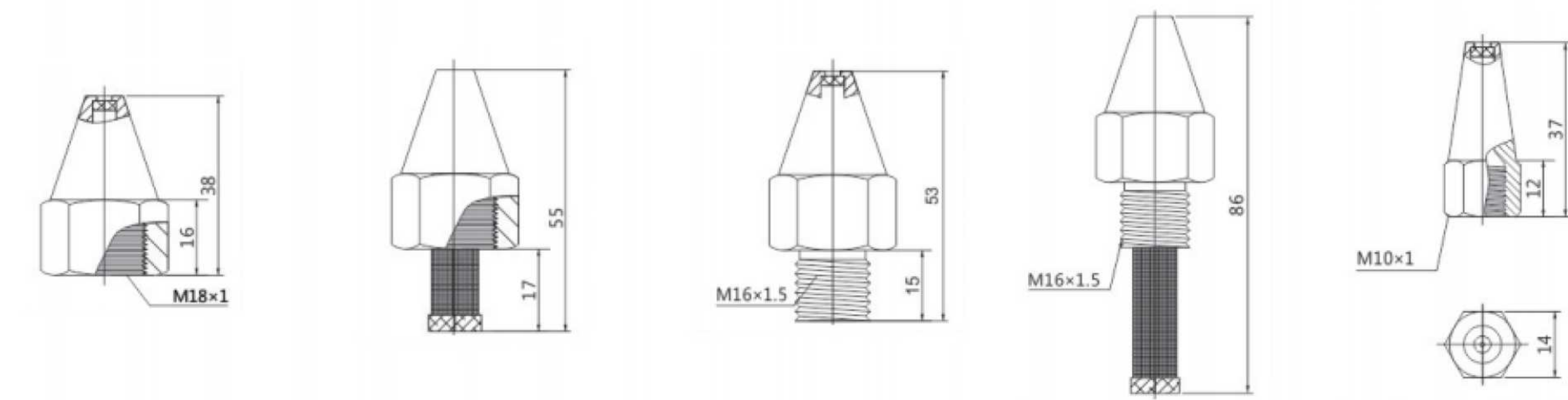
Paper cutting edge water needle flow table:

Spray Hole Hole Diameter	Flow: L/min									Filter Mesh
	0.3Mpa	0.5Mpa	1.0Mpa	1.5Mpa	2.0Mpa	2.5Mpa	3.0Mpa	4.0Mpa	5.0Mpa	
0.4mm	0.12	0.15	0.22	0.27	0.31	0.34	0.37	0.43	0.48	100 mesh
0.5mm	0.19	0.24	0.34	0.42	0.48	0.53	0.58	0.67	0.75	
0.6mm	0.27	0.35	0.49	0.60	0.68	0.77	0.84	0.97	1.09	80 mesh
0.7mm	0.36	0.47	0.66	0.81	0.97	1.05	1.15	1.33	1.48	
0.8mm	0.48	0.61	0.87	1.06	1.23	1.37	1.50	1.76	1.94	60 mesh
0.9mm	0.60	0.78	1.10	1.35	1.55	1.73	1.90	2.19	2.45	
1.0mm	0.74	0.96	1.36	1.66	1.92	2.14	2.35	2.71	3.03	
1.2mm	1.07	1.38	1.95	2.30	2.76	3.08	3.38	3.90	4.36	
1.5mm	2.10	2.80	3.30	4.00	4.60	5.10	5.70	6.60	7.30	

Selected aperture parameter table:

PM Machine Speed	Paper Weight				Pressure Mpa
	80g	80-150g	150g	200g	
< 500	0.5	0.6	0.7-0.9	0.8-1.0	1.2-1.6
500-1000	0.4	0.5	0.6	0.8-1.0	1.6-2.0
> 1000	0.4	0.5	0.6	0.8-1.0	2.0-3.0

The nozzle can provide a straight water flow under high pressure to guide the paper, cut the paper edge, and correct the paper width. It can avoid the paper edge pulling the whole paper and causing paper breakage and shutdown. The maximum pressure can reach 14Mpa, the maximum temperature can reach 120 degrees Celsius, the nozzle size ranges from 0.3mm-1.5mm, it is recommended to use clean water, and when using circulating water, a filter can be provided to prevent the nozzle from being blocked.



Order Information:

Whole set Spray Nozzle:		
SZ001	0.8	CER
Model	Hole Diameter	Inlay Material

Filter Mesh:	
SHSZ-A	
Model	

Nozzle Head:		
SZ001-1	0.8	CER
Model	Hole Diameter	Inlay Material

Nozzle and filter body material:	
Cooper(Cu), Stainless Steel(304, 316)	

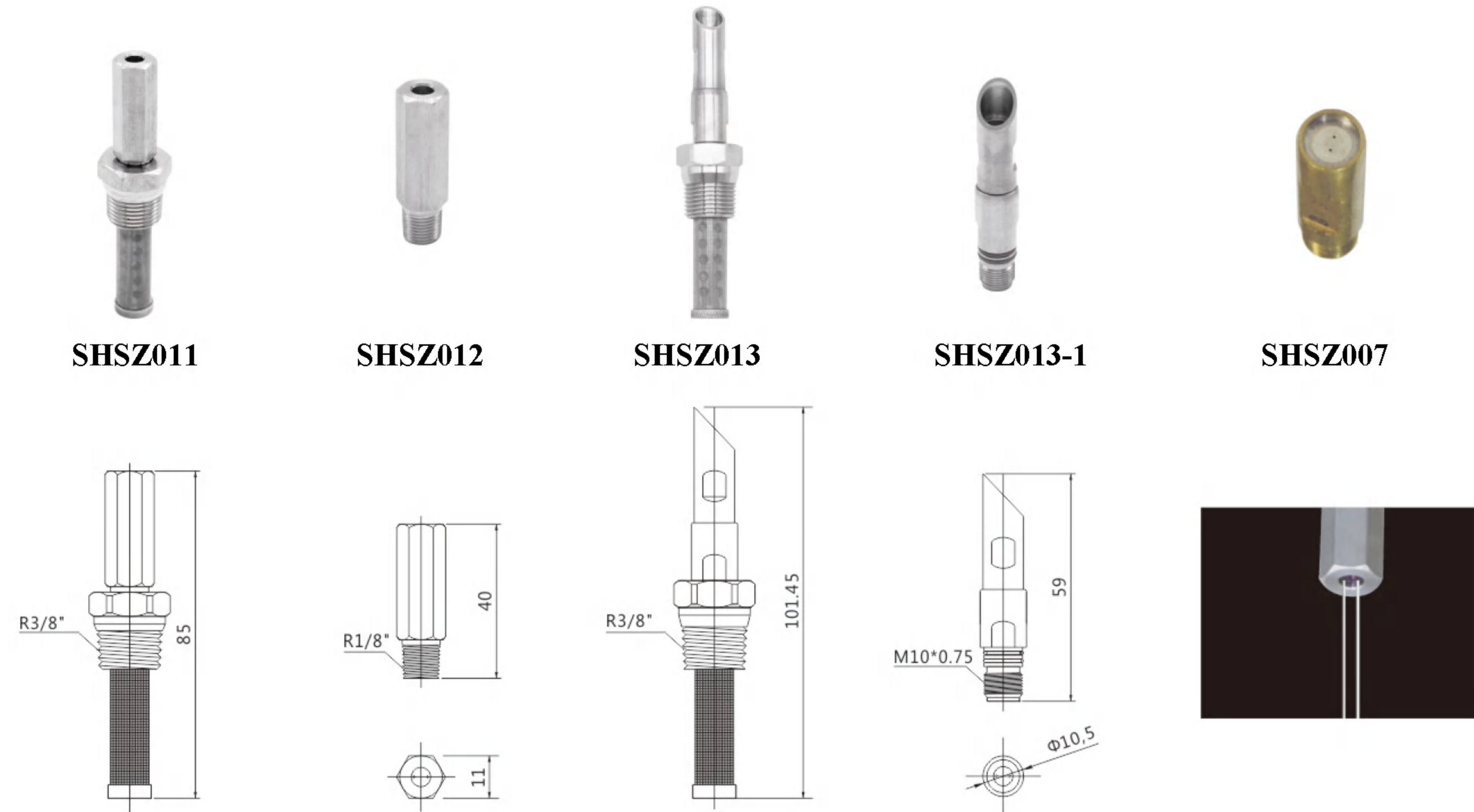
Inlay Material:		
CER	RBY	SSTC
Ceramic	Ruby	Tungsten Carbide



Paper Cutting Edge Water Needle - SHSZ Double Hole

Application: Cutting paper edge, correcting paper width, guiding paper, removing burrs, etc.

Aperture range: Medium 0.3mm-Φ1.2mm, use with filter to prevent nozzle blockage



Hole Diameter	Flow Rate: L/min									Filter Mesh
	0.3Mpa	0.5Mpa	1.0Mpa	1.5Mpa	2.0Mpa	2.5Mpa	3.0Mpa	4.0Mpa	5.0Mpa	
0.4mm	0.24	0.30	0.44	0.54	0.62	0.68	0.75	0.87	0.97	80 mesh
0.5mm	0.38	0.48	0.68	0.84	0.97	1.07	1.17	1.35	1.51	
0.6mm	0.54	0.71	0.99	1.21	1.39	1.54	1.79	1.86	2.18	
0.7mm	0.73	0.95	1.23	1.63	1.95	2.21	2.32	2.68	2.98	60 mesh
0.8mm	0.97	1.23	1.75	2.14	2.46	2.77	3.03	3.49	3.92	
0.9mm	1.21	1.58	2.23	2.73	3.13	3.46	3.84	4.42	4.95	
1.0mm	1.48	1.94	2.75	3.35	3.84	4.34	4.76	5.47	6.12	
1.2mm	2.16	2.79	3.94	4.61	5.57	6.23	6.83	7.88	8.81	

Order Information

Whole Set Water Needle		
SHSZ013	0.8×2	RBY
Model	Hole Diameter	Inlay Material

Inlay Material		
CER	RBY	SSTC
Ceramic	Ruby	Tungsten Carbide

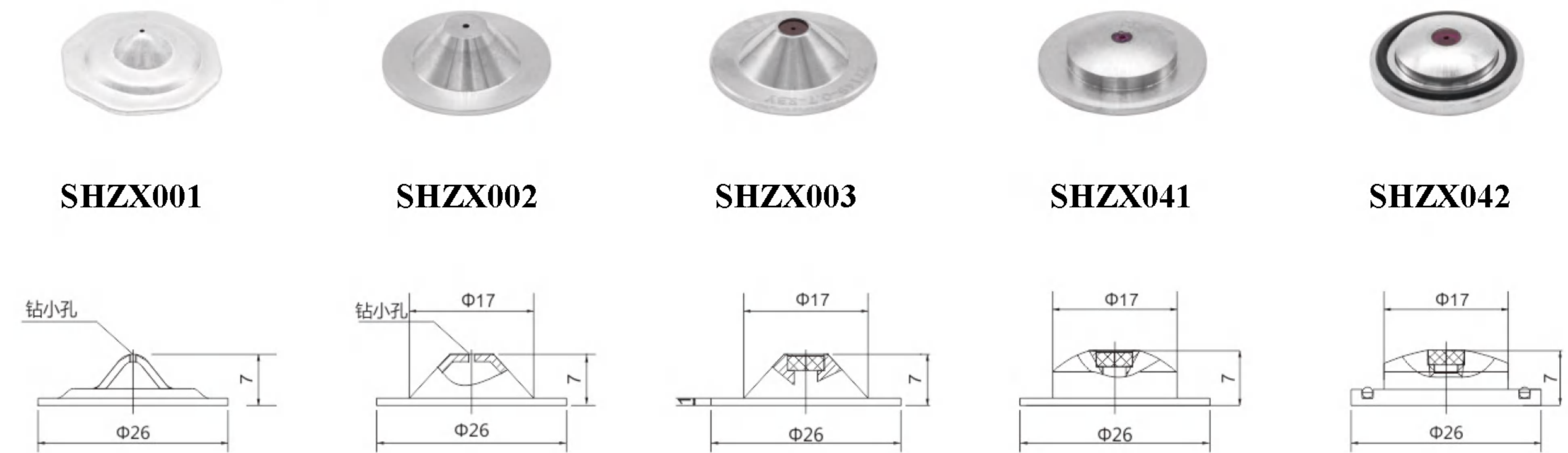
Needle Head		
SHSZ013-1	0.8×2	RBY
Model	Hole Diameter	Inlay Material

Filter Mesh	
SHSZ-A	
Select Model	

Nozzle & Filter Mesh Material
Copper (Cu), Stainless Steel (304,316)

Needle Type Nozzle - Chip Type

Application: Assembled on a brush moveable spray pipe, it is used for cleaning felts & wire, cylinder mould, dany rollers, and suction rollers. It uses high-pressure water impact force to wash away dirt adhered to felts and wire, improve the water filtration and service life of the PMC, improve the surface performance of paper, and achieve the best washing effect with the least amount of water used.



Nozzle Model	Shell Material	Inlay Material	Outsize Dimension		
			d (mm)	h	h2
SHZX001	Stainless Steel		26.4	8	0.9
SHZX002	Stainless Steel		26	8	1.2
SHZX003	Stainless Steel	Ruby	26	8	1.2
SHZX041	Stainless Steel	Ruby	26	8	1.2

Hole Diameter	Flow Rate: L/min											
	0.3Mpa	0.5Mpa	0.7Mpa	1.0Mpa	1.5Mpa	2.0Mpa	3.0Mpa	4.0Mpa	5.0Mpa	6.0Mpa	7.0Mpa	8.0Mpa
0.4mm	0.12	0.15	0.18	0.22	0.27	0.31	0.37	0.43	0.48	0.53	0.59	0.64
0.5mm	0.19	0.24	0.29	0.34	0.42	0.48	0.53	0.67	0.75	0.83	0.91	1.10
0.6mm	0.27	0.35	0.42	0.49	0.60	0.69	0.84	0.97	1.09	1.15	1.23	1.31
0.7mm	0.36	0.47	0.54	0.66	0.81	0.97	1.15	1.33	1.48	1.55	1.62	1.80
0.8mm	0.50	0.70	0.80	1.00	1.20	1.40	1.70	2.00	2.30	2.50	2.70	2.90
0.9mm	0.70	0.90	1.10	1.30	1.60	1.80	2.20	2.60	2.90	3.10	3.40	3.60
1.0mm	0.90	1.10	1.30	1.60	1.90	2.20	2.70	3.20	3.50	3.90	4.20	4.50
1.2mm	1.20	1.60	1.90	2.30	2.80	3.20	3.90	4.50	5.10	5.60	6.00	6.40
1.5mm	1.90	2.50	3.00	3.50	4.30	5.00	6.20	7.10	7.90	8.70	9.40	10.40
1.8mm	2.80	3.60	4.30	5.10	6.30	7.20	8.90	10.20	11.40	12.50	13.50	14.40

Needle Type Nozzle		
SHZX001	0.8	CER
Model	Hole Diameter	Inlay Material

Inlay Material		
CER	RBY	SSTC
Ceramic	Ruby	Tungsten Carbide

Nozzle & Filter Mesh Material
Copper (Cu), Stainless Steel (304,316)

Needle Type Nozzle - SHZX

Application: This type of nozzle can ensure the continuity of linear needle like spraying and is suitable for cleaning wire, felt and suction rollers. It uses high-pressure water impact force to wash away dirt adhered to the felt & wire, improve the water filtration and service life of PMC, improve the surface performance of paper, and achieve the best washing effect with the least amount of water used.

Thread contaction:M8、M10、M14*1、M14*1.5、M18*1、M27*1.5、M16*1、M16*2、M18*1.5、M22*1.5.M22*2、G1/8"、G1/4"、G3/8"、G3/4"、G1"、R1/8"、R1/4"、R3/8"、R1/2"、R3/4"、R1"



SHZX004



SHZX005-CER



SHZX005-RBY



SHZX006



SHZX007



SHZX008-CER



SHZX008-RBY



SHZX008-SSTC



SHZX008-SRBY



SHZX008-SS



SHZX008-CER-25L



SHZX008-RBY-25L



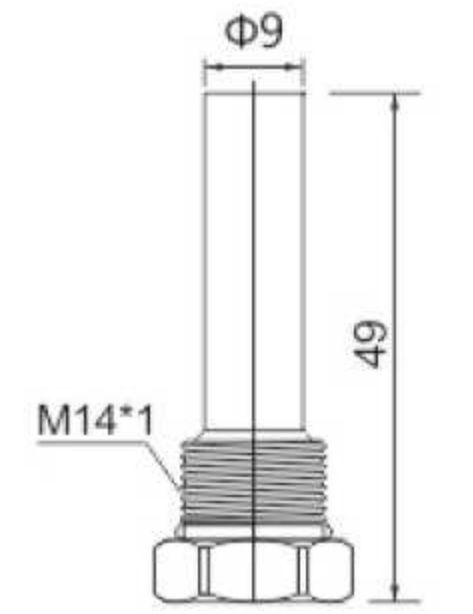
SHZX008-SSTC-25L



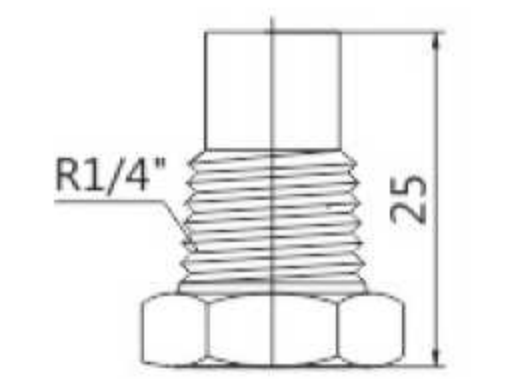
SHZX008-SS-25L



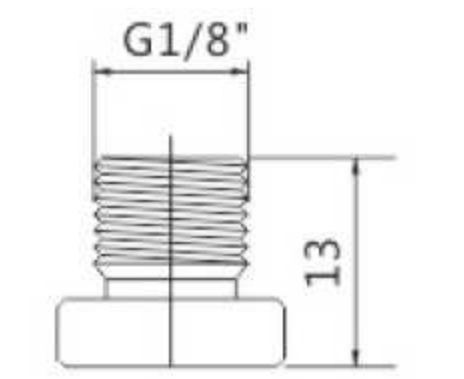
SHZX008-RBY-30L



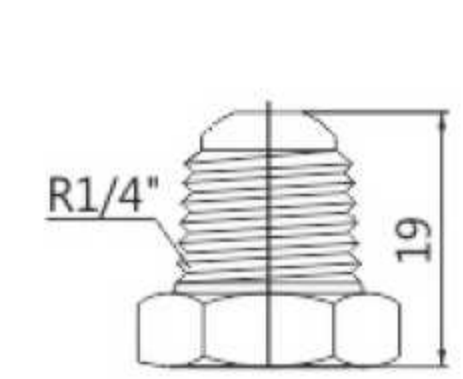
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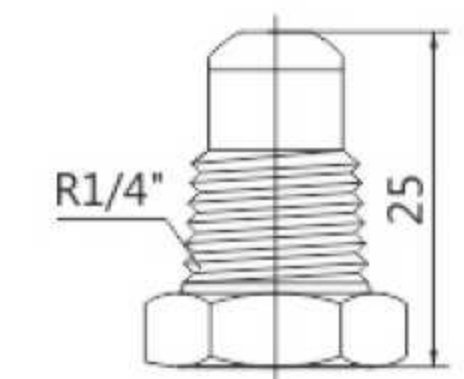
SHZX005-CER



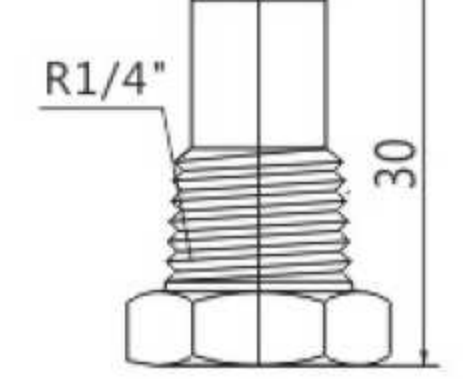
SHZX006



SHZX008-CER



SHZX008-25L



SHZX008-30L



SHZX009



SHZX010



SHZX011



SHZX012



SHZX013



SHZX014



SHZX015



SHZX016



SHZX017



SHZX018



SHZX019



SHZX020



SHZX021



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SHZX031



SHZX032



SHZX033



SHZX034



SHZX035



SHZX036



SHZX037



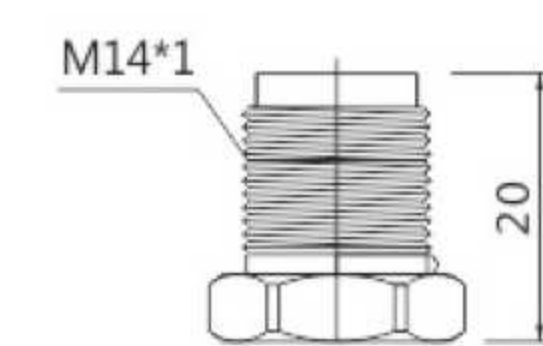
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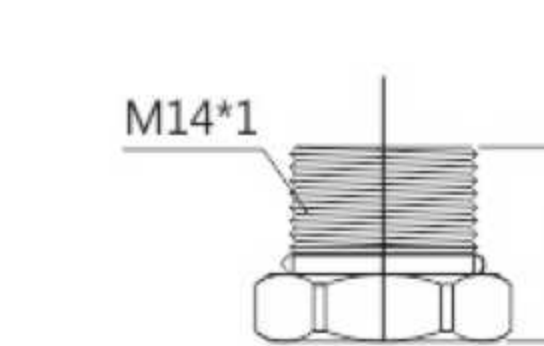
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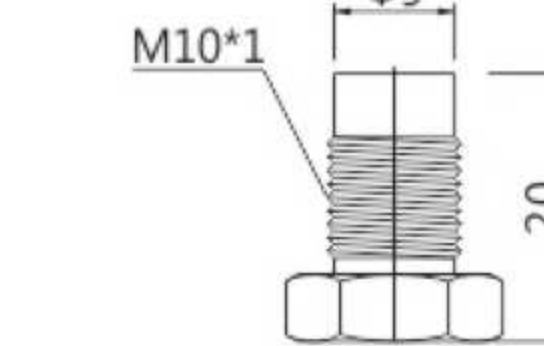
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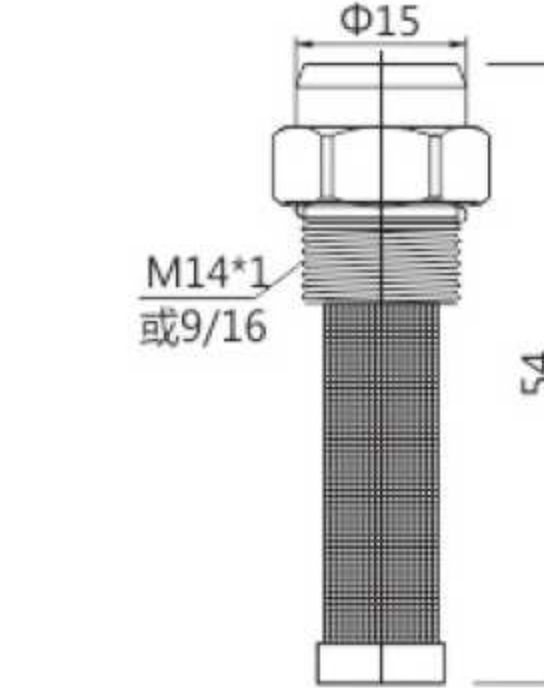
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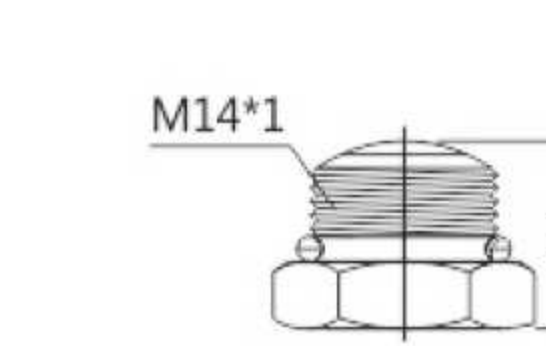
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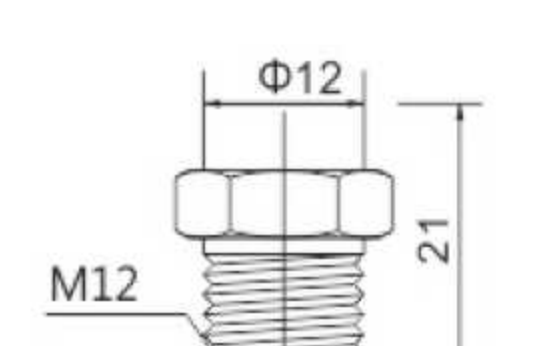
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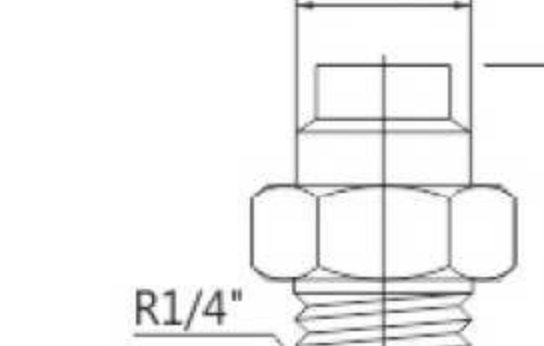
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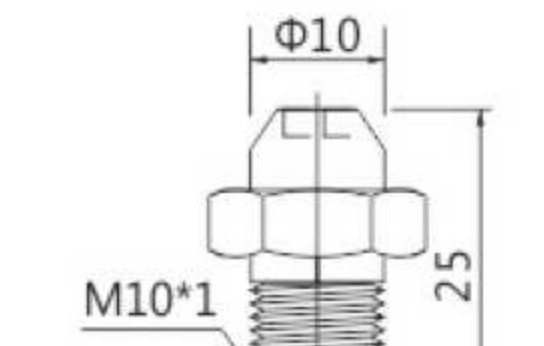
SHZX017



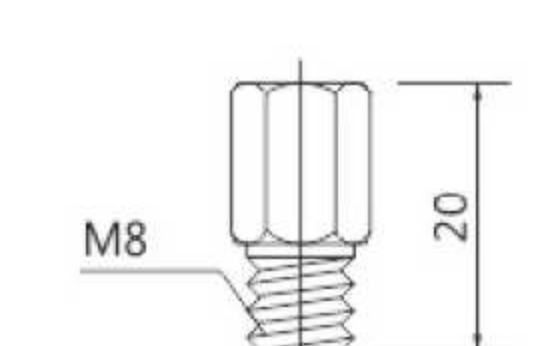
SHZX018



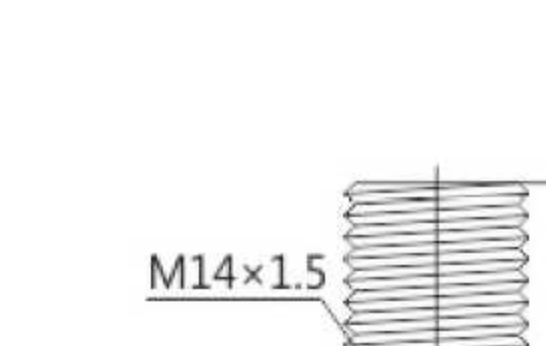
SHZX024



SHZX027



SHZX029



SHZX033

用内六角
扳手固定

Needle Type Nozzle Flow Rate Date

Hole Diameter	Flow Rate : L/min											
	0.3Mpa	0.5Mpa	0.7Mpa	1.0Mpa	1.5Mpa	2.0Mpa	3.0Mpa	4.0Mpa	5.0Mpa	6.0Mpa	7.0Mpa	8.0Mpa
0.6mm	0.27	0.35	0.42	0.49	0.60	0.68	0.84	0.97	1.09	1.15	1.23	1.31
0.7mm	0.36	0.47	0.54	0.66	0.81	0.97	1.15	1.33	1.48	1.55	1.62	1.80
0.8mm	0.54	0.70	0.83	1.00	1.22	1.41	1.73	2.00	2.23	2.45	2.64	2.83
0.9mm	0.69	0.89	1.05	1.26	1.55	1.79	2.19	2.53	2.83	2.10	3.35	3.58
1.0mm	0.85	1.10	1.30	1.56	1.91	2.21	2.70	3.12	3.49	3.83	4.13	4.42
1.2mm	1.23	1.59	1.88	2.25	2.75	3.18	3.90	4.50	5.03	5.51	5.95	6.36
1.5mm	1.92	2.48	2.94	3.51	4.30	4.97	6.09	7.03	7.86	8.61	9.30	9.95
1.8mm	2.77	3.58	4.23	5.06	6.20	7.16	8.77	10.10	11.30	12.40	13.40	14.30
2.0mm	3.42	4.42	5.23	6.25	7.66	8.84	10.80	12.50	13.90	15.30	16.50	17.60

Needle Type Nozzle Flow Rate Date (Inlaid Ceramic,Ruby,Tungsten Carbide)

Hole Diameter	Flow Rate : L/min										Filter Mesh
	3巴	5巴	10巴	15巴	20巴	25巴	30巴	40巴	50巴		
0.4mm	0.12	0.15	0.22	0.27	0.31	0.34	0.37	0.43	0.48	80 mesh	
0.5mm	0.19	0.24	0.34	0.42	0.48	0.53	0.58	0.67	0.75		
0.6mm	0.27	0.35	0.49	0.60	0.69	0.77	0.84	0.97	1.09	60 mesh	
0.7mm	0.36	0.47	0.66	0.81	0.97	1.05	1.15	1.33	1.48		
0.8mm	0.48	0.61	0.87	1.06	1.23	1.37	1.50	1.73	1.94		
0.9mm	0.60	0.78	1.10	1.35	1.55	1.73	1.90	2.19	2.45		
1.0mm	0.74	0.96	1.36	1.66	1.92	2.14	2.35	2.71	3.03		
1.2mm	1.07	1.38	1.95	2.30	2.76	3.08	3.38	3.90	4.36		



Order Information

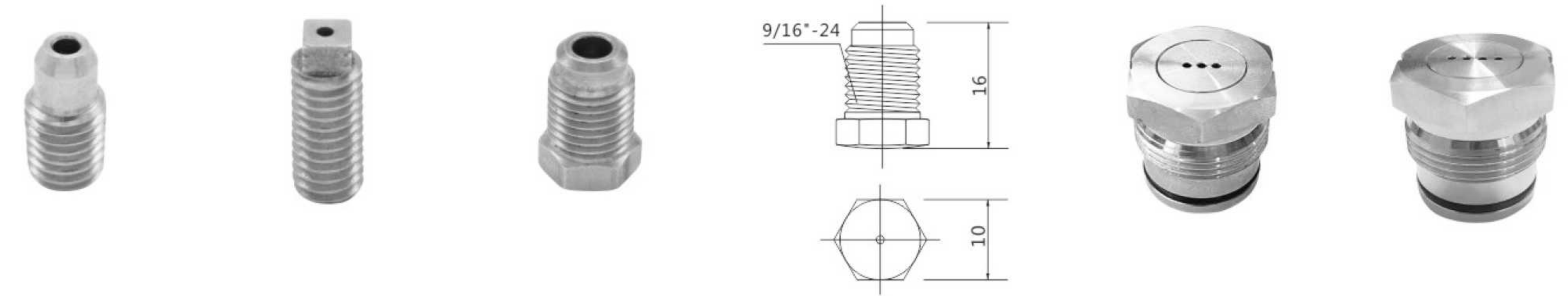
Needle Type Nozzle			
SHZX008	0.8	CER	L
Model	Diameter	Inlay Material	Lengthening

Inlay Material		
CER	RBY	SSTC
Ceramic	Ruby	Tungsten Carbide

Nozzle Material
Cooper (Cu), Stainless Steel (304,316)

High Pressure Nozzle

Made of 304 stainless steel, with a ruby pore size of 0.2-0.3mm, suitable for pressures ranging from 100kg to 500kg.



Hole Diameter	Flow Rate : L/min							
	200巴	500巴	750巴	1000巴	1500巴	2000巴	2500巴	3000巴
0.20	0.255	0.401	0.489	0.563	0.684	0.784	0.870	0.946
0.25	0.404	0.636	0.776	0.892	1.084	1.242	1.379	1.501

Order Information

High Pressure Nozzle		
SHZX043	0.25	RBY
Model	Diameter	Inlay Material

Nozzle Material
Stainless Steel (304,316)

Fan Type Nozzle - SHSX

Application: It is used for felt cleaning, blade lubrication, humidification, chemical spray, and can produce a fan-shaped spray with zero shape and high pressure impulse. Low pressure fan-shaped nozzle designed specifically for brush spraying, with angles of 30°, 60°, and 75°.

Chip Type



Nozzle Seat



Fan Type Nozzle Flow Rate Data

Flow No.	Diameter	Flow Rate: L/min					Spray Angle (0.4MPa)
		0.15Mpa	0.3Mpa	0.7Mpa	2.0Mpa	5.5Mpa	
3002	1.0	0.64	0.91	1.40	2.30	3.90	30°
3003	1.2	0.92	1.30	2.00	3.40	5.60	
3004	1.5	1.20	1.70	2.60	4.40	7.30	
3006	1.8	1.70	2.40	3.70	6.20	10.30	
3008	2.0	2.20	3.10	4.80	8.10	13.40	
3010	2.2	2.80	4.00	6.20	10.40	17.20	
3012	2.5	3.50	4.90	7.50	12.60	21.00	
3016	2.8	4.50	6.30	9.70	16.40	27.00	
3020	3.0	5.50	7.80	11.90	20.00	33.00	
3025	3.5	7.20	10.10	15.50	26.00	43.00	
3031	4.0	8.80	12.40	18.90	32.00	53.00	
3040	4.5	11.30	15.90	24.00	41.00	68.00	
3049	5.0	13.70	19.40	30.00	50.00	83.00	
3078	6.0	22.00	31.00	48.00	81.00	135.00	
3099	7.0	28.00	39.00	60.00	101.00	167.00	
30124	8.0	35.00	49.00	75.00	126.00	210.00	
6002	1.0	0.64	0.91	1.40	2.30	3.90	60°
6003	1.2	0.92	1.30	2.00	3.40	5.60	

Flow No.	Diameter	Flow Rate: L/min					Spray Angle (0.4MPa)
		0.15Mpa	0.3Mpa	0.7Mpa	2.0Mpa	5.5Mpa	
6004	1.5	1.20	1.70	2.60	4.40	7.30	60°
6006	1.8	1.70	2.40	3.70	6.20	10.30	
6008	2.0	2.20	3.10	4.80	8.10	13.40	
6010	2.2	2.80	4.00	6.20	10.40	17.20	
6012	2.5	3.50	4.90	7.50	12.60	21.00	
6016	2.8	4.50	6.30	9.70	16.40	27.00	
6020	3.0	5.50	7.80	11.90	20.00	33.00	
6025	3.5	7.20	10.10	15.50	26.00	43.00	
6031	4.0	8.80	12.40	18.90	32.00	53.00	
6040	4.5	11.30	15.90	24.00	41.00	68.00	
6049	5.0	13.70	19.40	30.00	50.00	83.00	
6078	6.0	22.00	31.00	47.00	80.00	133.00	
6099	7.0	28.00	39.00	60.00	101.00	167.00	
60124	8.0	35.00	49.00	75.00	126.00	210.00	
7502	1.0	0.64	0.91	1.40	2.30	3.90	75°
7503	1.2	0.92	1.30	2.00	3.40	5.60	
7504	1.5	1.20	1.70	2.60	4.40	7.30	
7506	1.8	1.70	2.40	3.70	6.20	10.30	
7508	2.0	2.20	3.10	4.80	8.10	13.40	
7510	2.2	2.80	4.00	6.20	10.40	17.20	
7512	2.5	3.50	4.90	7.50	12.60	21.00	
7516	2.8	4.50	6.30	9.70	16.40	27.00	
7520	3.0	5.50	7.80	11.90	20.00	33.00	
7525	3.5	7.20	10.10	15.50	26.00	43.00	
7531	4.0	8.80	12.40	18.90	32.00	53.00	
7540	4.5	11.30	15.90	24.00	41.00	68.00	
7549	5.0	13.70	19.40	30.00	50.00	83.00	
7578	6.0	22.00	31.00	48.00	81.00	133.00	
7599	7.0	28.00	39.00	60.00	101.00	167.00	
75124	8.0	35.00	49.00	75.00	126.00	210.00	

Order Information

Fan Type Nozzle		
SHSX050	6010	304SS
Model	Flow No.	Material

Body Material
304SS 316SS

Fan Shaped Button Nozzle - SHSX

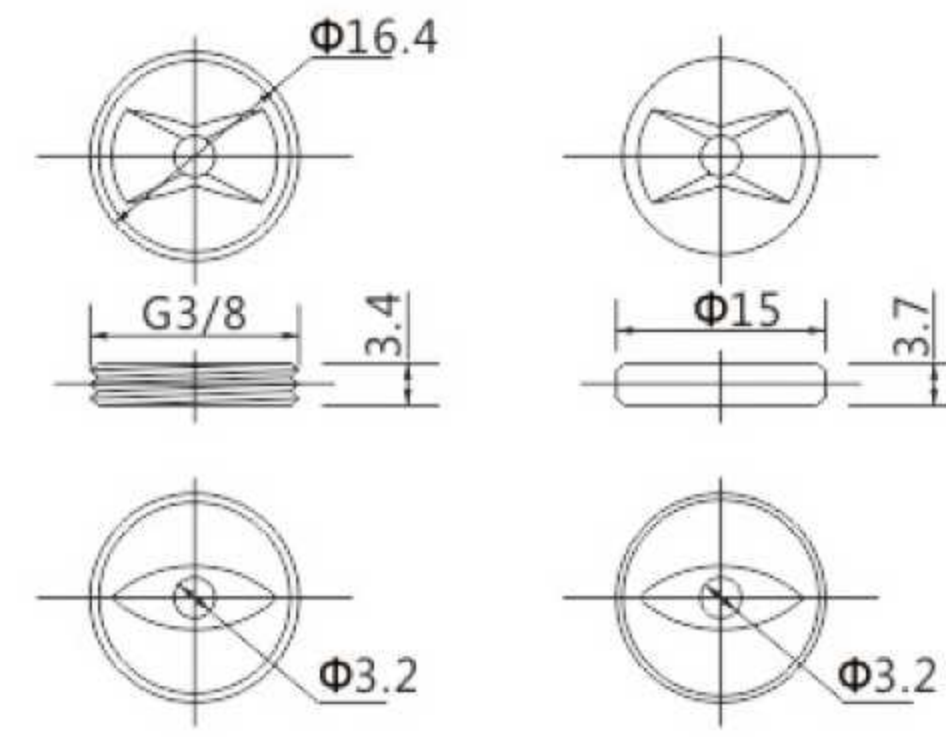
Suitable for: When the spray height between the spray rod and the wire and felt is very low, this product is the best choice.
Threaded interface: G3/8 M20*1.0



SHSX001



SHSX002-3/8



Spray Angle (0.4MPa)	Hole Diameter	Flow Rate L/min									
		0.05	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9	1.0
95°	2.0	1.5	2.2	3.0	3.7	4.3	4.8	5.7	6.1	6.5	6.8
80°	4.0	5.2	7.3	10.3	12.6	14.6	16.3	19.3	20.6	21.8	23.0
75°	4.2	6.1	8.5	11.9	14.6	16.8	18.8	22.1	23.6	25.0	26.4
70°	3.0	3.0	4.1	5.7	7.0	8.1	9.0	10.6	11.3	12.0	12.6
	3.0	3.2	4.4	6.2	7.6	8.8	9.8	11.8	12.3	13.0	13.7
	3.8	4.9	6.8	9.6	11.8	13.5	15.1	17.8	19.1	20.2	21.3
	3.9	5.0	7.0	9.9	12.1	14.0	15.6	18.4	19.6	20.8	21.8
	4.2	6.1	8.5	11.9	14.6	16.8	18.8	22.1	23.6	25.0	26.4
	4.3	6.4	9.0	12.6	15.5	18.0	19.9	23.4	25.1	26.5	28.0
	4.3	6.5	9.1	12.9	15.8	18.1	20.3	23.8	25.5	27.0	28.5
65°	2.0	1.5	2.2	3.0	3.7	4.3	4.8	5.7	6.1	6.5	6.8
	3.7	4.6	6.5	9.2	11.3	13.0	14.6	17.2	18.4	19.5	20.5
	4.4	6.5	9.1	12.9	15.8	18.1	20.3	23.8	25.5	27.0	28.5
	4.5	7.5	10.4	14.8	18.0	20.8	23.1	27.4	29.2	30.9	32.5
60°	1.4	0.7	1.0	1.4	1.7	1.9	2.2	2.5	2.8	2.9	3.1
	1.6	0.9	1.3	1.8	2.2	2.5	2.9	3.4	3.6	3.9	4.0
	2.4	2.1	2.8	4.0	5.0	5.7	6.5	7.5	8.1	8.6	9.1
	3.0	3.1	4.2	5.9	7.2	8.3	9.3	10.9	11.7	12.4	13.0
	3.1	3.2	4.4	6.2	7.6	8.8	9.8	11.8	12.3	13.0	13.7
	3.2	3.3	4.6	6.6	8.0	9.3	10.4	12.2	13.0	13.8	14.7
55°	2.0	1.5	2.2	3.0	3.7	4.3	4.8	5.7	6.1	6.5	6.8
	2.7	2.5	3.6	4.9	6.1	7.3	7.9	9.5	10.1	10.5	11.1
	3.0	3.1	4.2	5.9	7.2	8.3	9.3	10.9	11.7	12.4	13.0
	3.9	5.0	7.0	9.9	12.1	14.0	15.6	18.4	19.6	20.8	21.8
	4.0	5.3	7.5	10.6	12.9	14.9	16.7	19.7	21.0	22.2	23.3
50°	1.1	0.5	0.7	0.9	1.1	1.3	1.4	1.7	1.8	1.9	2.0
	3.0	3.0	4.1	5.7	7.0	8.1	9.0	10.6	11.3	12.0	12.6
	3.2	3.3	4.6	6.6	8.0	9.3	10.4	12.2	13.0	13.8	14.7
	4.1	5.6	7.9	11.1	13.5	15.6	17.4	20.5	21.8	23.1	24.5
30°	2.0	1.5	2.2	3.0	3.7	4.3	4.8	5.7	6.1	6.5	6.8

Order Information

Fan Type Nozzle			Body Material
SHSX001	6010	304SS	
Model	Flow No.	Material	304SS 316SS

Fan Type Nozzle - SHSX

Suitable for: Wire & Felts cleaning, Wetting, stripper, adhesive spray, cleaning, edging cutting, cooling.



SHSX008



SHSX020



SHSX025



SHSX025-with mesh



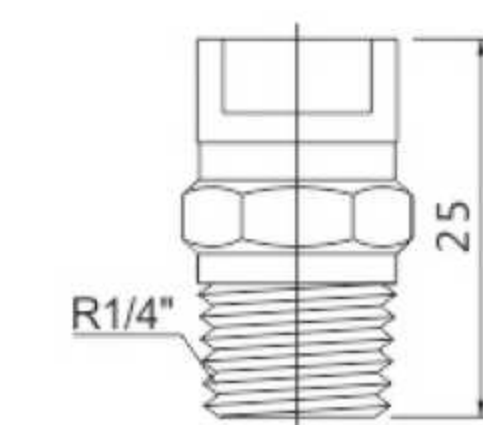
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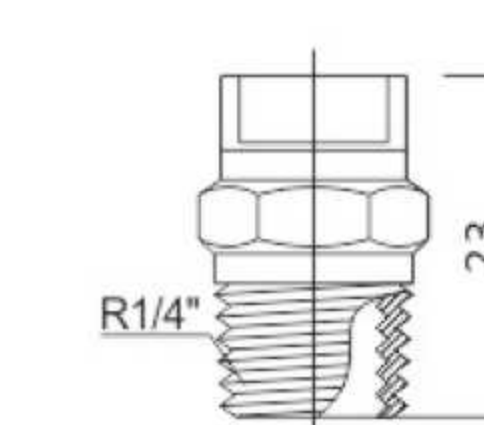
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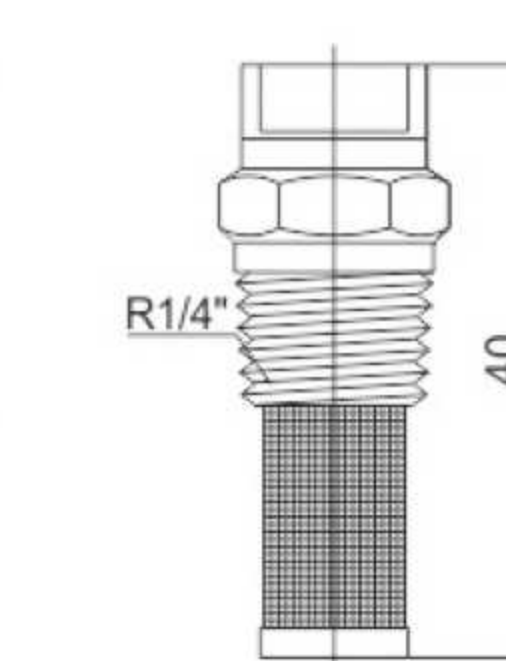
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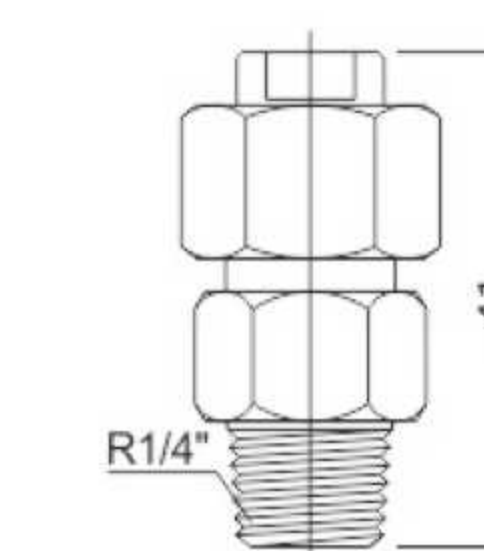
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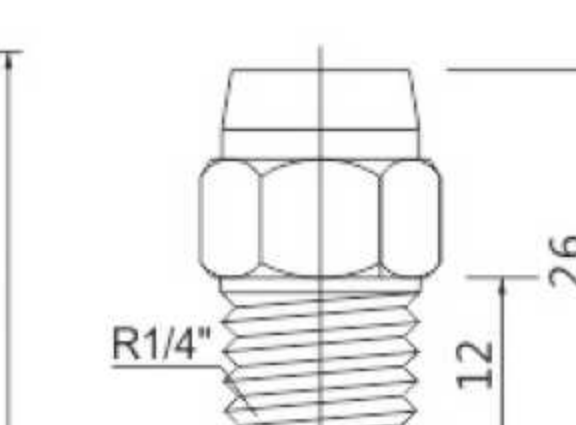
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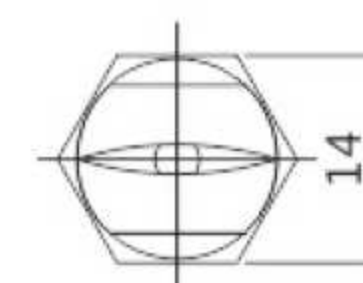
SHSX025-with mesh



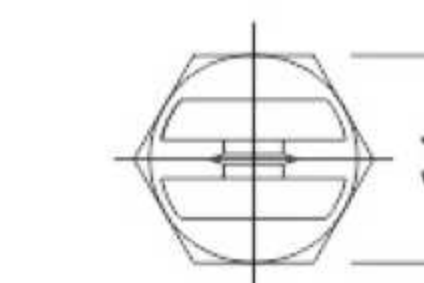
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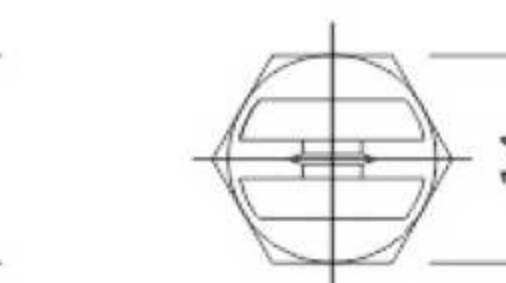
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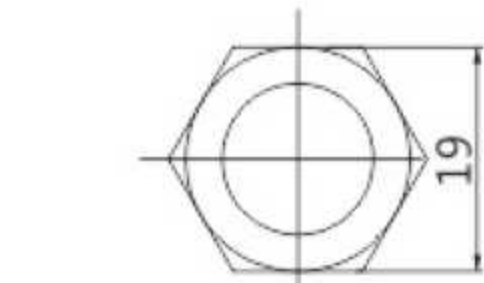
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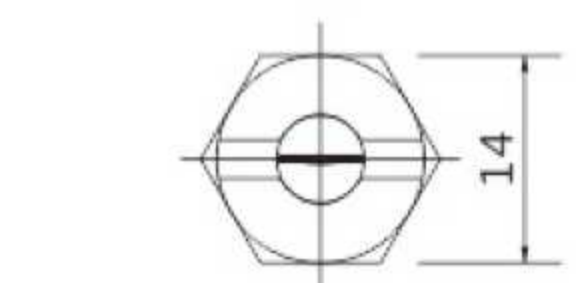
SHSX007



SHSX009



SHSX010



SHSX011



SHSX012



SHSX013



SHSX014



SHSX015



SHSX016



SHSX018



SHSX019



SHSX021



SHSX022



SHSX024



SHSX026



SHSX027



SHSX028



SHSX029



SHSX030



SHSX031



SHSX040



SHSX042



SHSX042-1



SHSX043



SHSX044



SHSX045



SHSX046

Fan Type Nozzle Flow Rate Parameter

Angle (3 MPa)	Flow No.	Diameter	Flow Rate L/min											Spray Angle			
			0.03Mpa	0.1Mpa	0.2Mpa	0.3Mpa	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	1Mpa	2Mpa	3.5Mpa	0.15Mpa	0.3Mpa	0.6Mpa	1.4Mpa
110°	11001	0.66	0.12	0.23	0.32	0.39	0.46	0.51	0.56	0.60	0.72	1.00	1.30	94°	110°	121°	124°
	110015	0.79	0.19	0.34	0.48	0.59	0.68	0.76	0.84	0.90	1.10	1.50	2.00	97°	110°	121°	124°
	11002	0.91	0.25	0.46	0.64	0.79	0.91	1.00	1.10	1.20	1.40	2.00	2.70	98°	110°	120°	123°
	11003	1.10	0.37	0.68	0.97	1.20	1.40	1.50	1.70	1.80	2.20	3.10	4.00	99°	110°	120°	123°
	11004	1.30	0.50	0.91	1.30	1.60	1.80	2.00	2.20	2.40	2.90	4.10	5.40	100°	110°	119°	122°
	11005	1.40	0.62	1.10	1.60	2.00	2.30	2.50	2.80	3.00	3.60	5.10	6.70	100°	110°	118°	122°
	11006	1.60	0.75	1.40	1.90	2.40	2.70	3.10	3.30	3.60	4.30	6.10	8.20	101°	110°	117°	122°
	11008	1.80	1.00	1.80	2.60	3.20	3.60	4.10	4.50	4.80	5.80	8.20	10.80	102°	110°	117°	121°
	11010	2.00	1.20	2.30	3.20	3.90	4.60	5.10	5.60	6.00	7.20	10.20	13.50	103°	110°	117°	119°
	11015	2.40	1.90	3.40	4.80	5.90	6.80	7.60	8.40	9.00	10.80	15.30	20.00	104°	110°	117°	118°
	950050	0.46			0.16	0.20	0.23	0.25	0.28	0.30	0.36	0.51	0.67	81°	95°	105°	113°
9501	0.66	0.12	0.23	0.32	0.39	0.46	0.51	0.56	0.60	0.72	1.00	1.30	81°	95°	105°	113°	
95015	0.79	0.19	0.34	0.48	0.59	0.68	0.76	0.84	0.90	1.10	1.50	2.00	82°	95°	105°	113°	
9502	0.91	0.25	0.46	0.64	0.79	0.91	1.00	1.10	1.20	1.40	2.00	2.70	82°	95°	105°	113°	
9503	1.10	0.37	0.68	0.97	1.20	1.40	1.50	1.70	1.80	2.20	3.10	4.00	83°	95°	104°	111°	
9504	1.30	0.50	0.91	1.30	1.60	1.80	2.00	2.20	2.40	2.90	4.10	5.40	84°	95°	103°	108°	
9505	1.40	0.62	1.10	1.60	2.00	2.30	2.50	2.80	3.00	3.60	5.10	6.70	84°	95°	102°	107°	
9506	1.60	0.75	1.40	1.90	2.40	2.70	3.10	3.30	3.60	4.30	6.10	8.10	86°	95°	101°	106°	
9508	1.80	1.00	1.80	2.60	3.20	3.60	4.10	4.50	4.80	5.80	8.20	10.80	87°	95°	100°	105°	
9510	2.00	1.20	2.30	3.20	3.90	4.60	5.10	5.60	6.00	7.20	10.20	13.50	89°	95°	100°	105°	
9515	2.40	1.90	3.40	4.80	5.90	6.80	7.60	8.40	9.00	10.80	15.30	20.00	90°	95°	100°	105°	
9520	2.80	2.50	4.60	6.50	7.90	9.10	10.20	11.20	12.10	14.40	20.00	27.00	90°	95°	100°	105°	
9530	3.60	3.70	6.80	9.70	11.80	13.70	15.30	16.70	18.10	22.00	31.00	40.00	91°	95°	101°	105°	
9540	4.00	5.00	9.10	12.90	15.80	18.20	20.00	22.00	24.00	29.00	41.00	54.00	92°	95°	100°	105°	
9550	4.40	6.20	11.40	16.10	19.70	23.00	25.00	28.00	30.00	36.00	51.00	68.00	93°	95°	99°	103°	
9560	4.80	7.50	13.70	19.30	24.00	27.00	31.00	33.00	36.00	43.00	61.00	81.00	93°	95°	99°	103°	
9570	5.20	8.70	16.00	23.00	28.00	32.00	36.00	39.00	42.00	50.00	71.00	91.00	93°	95°	99°	103°	
800050	0.46		0.11	0.16	0.20	0.23	0.25	0.28	0.30	0.36	0.51	0.67	61°	80°	95°	101°	
800067	0.53		0.15	0.22	0.26	0.31	0.34	0.37	0.40	0.48	0.68	0.90	67°	80°	94°	99°	
8001	0.66		0.23	0.32	0.39	0.46	0.51	0.56	0.60	0.72	1.00	1.30	68°	80°	89°	92°	
80015	0.79		0.34	0.48	0.59	0.68	0.76	0.84	0.90	1.10	1.50	2.00	68°	80°	89°	92°	
8002	0.91	0.25	0.46	0.64	0.79	0.91	1.00	1.10	1.20	1.40	2.00	2.70	69°	80°	88°	91°	
8003	1.10	0.37	0.68	0.97	1.20	1.40	1.50	1.70	1.80	2.20	3.10	4.00	70°	80°	87°	90°	
8004	1.30	0.50	0.91	1.30	1.60	1.80	2.00	2.20	2.40	2.90	4.10	5.40	71°	80°	86°	89°	
8005	1.40	0.62	1.10	1.60	2.00	2.30	2.50	2.80	3.00	3.60	5.10	6.70	71°	80°	86°	89°	
8006	1.60	0.75	1.40	1.90	2.40	2.70	3.10	3.30	3.60	4.30	6.10	8.10	72°	80°	85°	88°	
8008	1.80	1.00	1.80	2.60	3.20	3.60	4.10	4.50	4.80	5.80	8.20	10.80	72°	80°	84°	87°	
8010	2.00	1.20	2.30	3.20	3.90	4.60	5.10	5.60	6.00	7.20	10.20	13.50	73°	80°	84°	87°	
8015	2.40	1.90	3.40	4.80	5.90	6.80	7.60	8.40	9.00	10.80	15.30	20.00	74°	80°	83°	86°	
8020	2.80	2.50	4.60	6.50	7.90	9.10	10.20	11.20	12.10	14.40	20.00	27.00	74°	80°	83°	86°	
8030	3.60	3.70	6.80	9.70	11.80	13.70	15.30	16.70	18.10	22.00	31.00	40.00	74°	80°	83°	86°	
8040	4.00	5.00	9.10	12.90	15.80	18.20	20.00	22.00	24.00	29.00	41.00	54.00	74°	80°	83°	86°	
8070	5.20	8.70	16.00	23.00	28.00	32.00	36.00	39.00	42.00	50.00	71.00	91.00	75°	80°	83°	86°	
80200	8.70	25.00	46.00	64.00	79.00	91.00	102.00	112.00	121.00	144.00	205.00	270.00	74°	80°	82°	85°	
650017	0.28			0.05	0.06	0.07	0.08	0.09	0.10	0.12	0.17	0.23	44°	65°	77°	86°	
650033	0.38			0.11	0.13	0.15	0.17	0.18	0.20	0.24	0.34	0.44	47°	65°	76°	83°	
650067	0.53		0.15	0.22	0.26	0.31	0.34	0.37	0.40	0.48	0.68	0.90	50°	65°	75°	81°	
6501	0.66		0.23	0.32	0.39	0.46	0.51	0.56	0.60	0.72	1.00	1.30	51°	65°	74°	80°	
6502	0.91	0.25	0.46	0.64	0.79	0.91	1.00	1.10	1.20	1.40	2.00	2.70	52°	65°	73°	79°	
6503	1.10	0.37	0.68	0.97	1.20	1.40	1.50	1.70	1.80	2.20	3.10	4.00	53°	65°	72°	78°	
6504	1.30	0.50	0.91	1.30	1.60	1.80	2.00	2.20	2.40	2.90	4.10	5.40	53°	65°	72°	76°	

Angle (3 MPa)	Flow No.	Diameter	Flow Rate L/min											Spray Angle			
			0.03Mpa	0.1Mpa	0.2Mpa	0.3Mpa	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	1Mpa	2Mpa	3.5Mpa	0.15Mpa	0.3Mpa	0.6Mpa	1.4Mpa
65°	6505	1.40	0.62	1.10	1.60	2.00	2.30	2.50	2.80	3.00	3.60	5.10	6.70	53°	65°	72°	76°
	6506	1.60	0.75	1.40	1.90	2.40	2.70	3.10	3.30	3.60	4.30	6.10	8.10	54°	65°	72°	75°
	6508	1.80	1.00	1.80	2.60	3.20	3.60	4.10	4.50	4.80	5.80	8.20	10.80	55°	65°	71°	74°
	6510	2.00	1.20	2.30	3.20	3.90	4.60	5.10	5.60	6.00	7.20	10.20	13.50	56°	65°	71°	74°
	6515	2.40	1.90	3.40	4.80	5.90	6.80	7.60	8.40	9.00	10.80	15.30	20.00	56°	65°	70°	73°
	6520	2.80	2.50	4.60	6.50	7.90	9.10	10.20	11.20	12.10	14.40	20.00	27.00	57°	65°	70°	73°
	6530	3.60	3.70	6.80	9.70	11.80	13.70	15.30	16.70	18.10	22.00	31.00	40.00	58°	65°	69°	72°
	6540	4.00	5.00	9.10	12.90	15.80	18.20	20.00	22.00	24.00	29.00	41.00	54.00	59°	65°	68°	72°
	6550	4.40	6.20	11.40	16.10	19.70	23.00	25.00	28.00	30.00	36.00	51.00	68.00	60°	65°	68°	71°
	6560	4.80	7.50	13.70	19.30	24.00	27.00	31.00	33.00	36.00	43.00	61.00	81.00	60°	65°	68°	71°
	5010	2.00	1.20	2.30	3.20	3.90	4.60	5.10	5.60	6.00	7.20	10.20	13.50	45°	50°	55°	59°
5015	2.40	1.90	3.40	4.80	5.90	6.80	7.60	8.40	9.00	10.80	15.30	20.00	45°	50°	55°	59°	
5020	2.80	2.50	4.60	6.50	7.90	9.10	10.20	11.20	12.10	14.40	20.00	27.00	45°	50°	55°	59°	
5030	3.60	3.70	6.80	9.70	11.80	13.70	15.30	16.70	18.10	22.00	31.00	40.00	45°	50°	55°	59°	
5040	4.00	5.00	9.10	12.90	15.80	18.20	20.00	22.00	24.00	29.00	41.00	54.00	46°	50°	54°	59°	
5050	4.40	6.20	11.40	16.10	19.70	23.00	25.00	28.00	30.00	36.00	51.00	68.00	46°	50°	54°	59°	
5060	4.80	7.50	13.70	19.30	24.00	27.00	31.00	33.00	36.00	43.00	61.00	81.00	46°	50°	54°	59°	
50200	8.70	25.00	46.00	64.00	79.00	91.00	102.00	112.00	121.00	144.00	205.00	270.00	46°	50°	52°	55°	
50500	#####	62.00	114.00	161.00	197.00	230.00	255.00	280.00	300.00	360.00	510.00	680.00	49°	50°	51°	54°	
50750	#####	94.00	171.00	240.00	295.00	340.00	385.00	420.00	455.00	540.00	770.00	1010.00	49°	50°	51°	53°	
501000	#####	125.00	230.00	325.00	395.00	455.00	510.00	560.00	610.00	720.00	1020.00	1350.00	49°	50°	51°	53°	
4008	1.80	1.00	1.80	2.60	3.20	3.60	4.10	4.50	4.80	5.80	8.20	10.80	31°	40°	47°	53°	
4010	2.00	1.20	2.30	3.20	3.90	4.60	5.10	5.60	6.00</								

Wide Angle Fan Type Nozzle - SHSX

Application: Low pressure cleaning of wire and felts, lubrication of rollers and doctor blades, and cooling. This kind of nozzle can produce a wide angle fan spray shape with medium high impact force, and the spray is evenly distributed, with medium size droplets **Threaded interface:** R1/4", R3/8", G1/2".



SHSX032



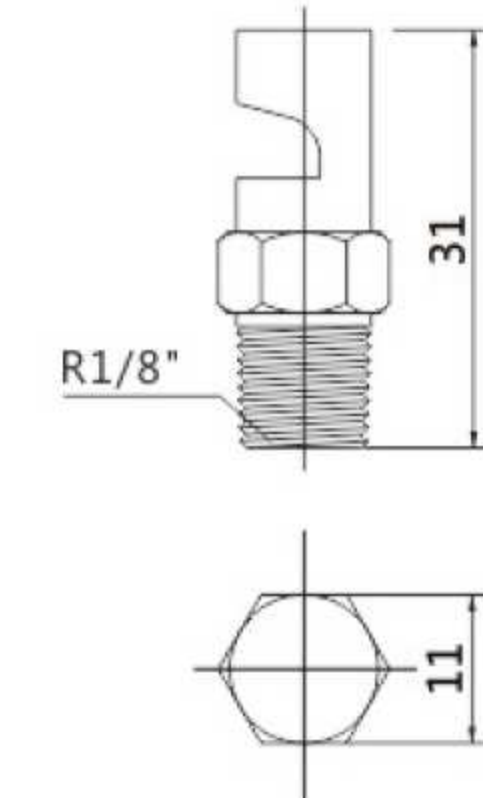
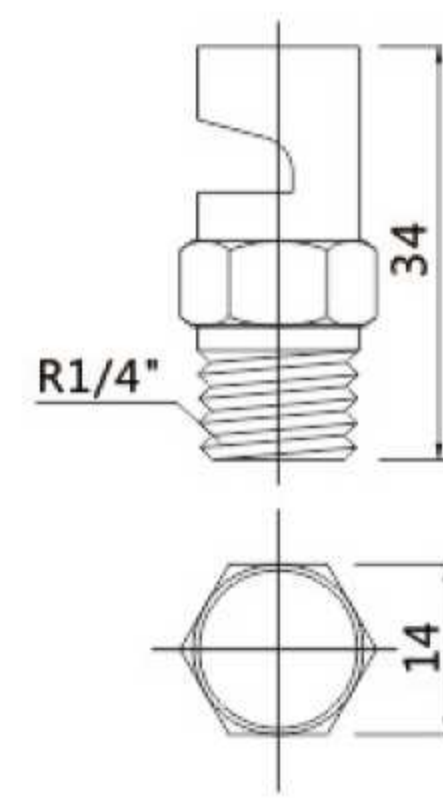
SHSX033



SHSX034



SHSX041



Wide Angle Fan Type Nozzle Flow Rate

Flow Size	Diameter	Flow Rate (L/min)									Spray Angle		
		0.2Mpa	0.3Mpa	0.5Mpa	0.7Mpa	1Mpa	1.5Mpa	2Mpa	3Mpa	4Mpa	0.5Mpa	1.5Mpa	4Mpa
1	0.84				0.38	0.46	0.56	0.64	0.79	0.91		109°	128°
1.5	1.00			0.48	0.57	0.68	0.84	0.97	1.20	1.40	73°	108°	125°
2	1.20			0.64	0.76	0.91	1.10	1.30	1.60	1.80	83°	113°	129°
2.5	1.30		0.62	0.81	0.95	1.10	1.40	1.60	2.00	2.30	98°	122°	133°
3	1.40		0.75	0.97	1.10	1.40	1.70	1.90	2.40	2.70	86°	112°	126°
4	1.70		1.00	1.30	1.50	1.80	2.20	2.60	3.20	3.60	97°	123°	132°
5	1.90	1.00	1.20	1.60	1.90	2.30	2.80	3.20	3.90	4.60	114°	128°	142°
7.5	2.30	1.50	1.90	2.40	2.90	3.40	4.20	4.80	5.90	6.80	101°	119°	134°
10	2.60	2.00	2.50	3.20	3.80	4.60	5.60	6.40	7.90	9.10	115°	133°	145°
12	2.90	2.40	3.00	3.90	4.60	5.50	6.70	7.70	9.50	10.90	128°	139°	153°
15	3.30	3.10	3.70	4.80	5.70	6.80	8.40	9.70	11.80	13.70	98°	113°	123°
18	3.60	3.70	4.50	5.80	6.90	8.20	10.00	11.60	14.20	16.40	106°	120°	131°
20	3.80	4.10	5.00	6.40	7.60	9.10	11.20	12.90	15.80	18.20	110°	122°	133°
22	4.00	4.50	5.50	7.10	8.40	10.00	12.30	14.20	17.40	20.00	113°	125°	136°
24	4.10	4.90	6.00	7.70	9.20	10.90	13.40	15.50	18.90	22.00	115°	131°	144°

Order Information

Fan Nozzle			
SHSX032	R1/4	1.0	304SS
Model	Thread Size	Spray Diameter	Material

Material
304SS
316SS

Narrow Angle Fan Type Nozzle - SHSX Thread Connection

Application: This kind of nozzle can produce high impact fan-shaped spray shape with narrow angle. The spray is evenly distributed, the size of droplets is moderate, and the shape of the edge is clear and definite, reducing clogging.



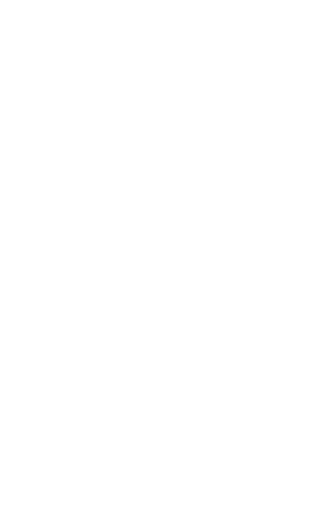
SHSX038



SHSX053



SHSX056



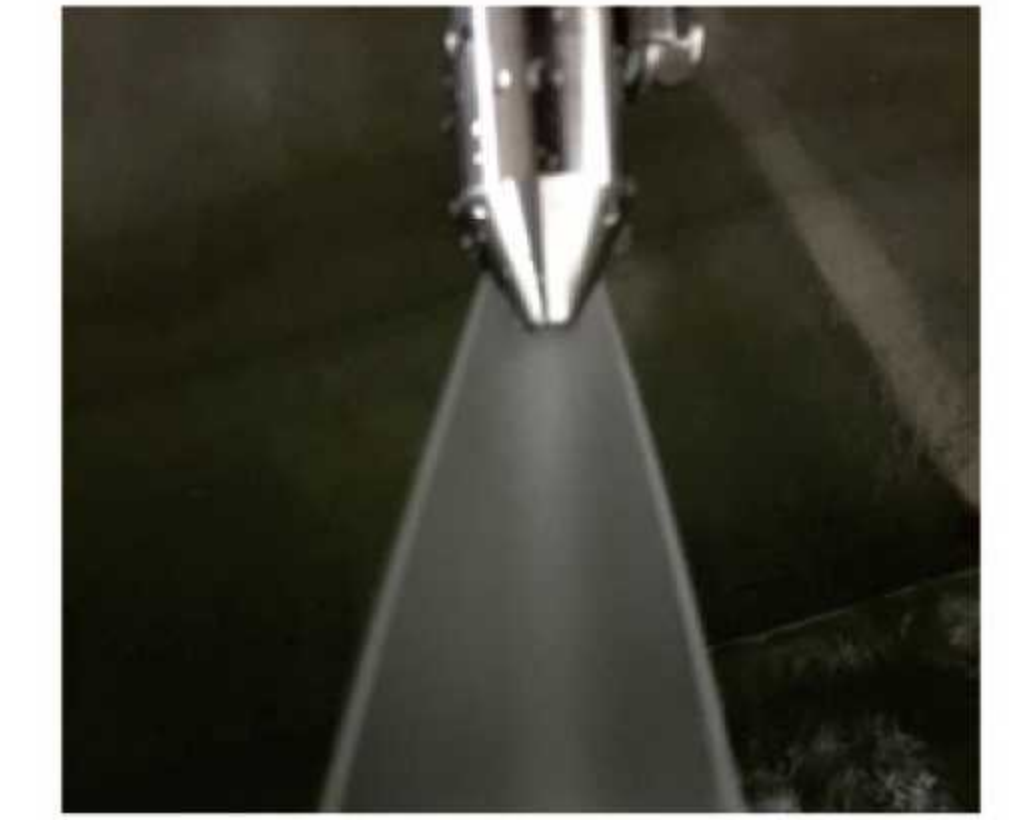
SHSX057



SHSX058



SHSX059



Narrow Angle Fan Type Nozzle - SHSX

Application: This kind of nozzle can produce high impact fan-shaped spray shape with narrow angle.



SHSX060



SHSX061



SHSX062



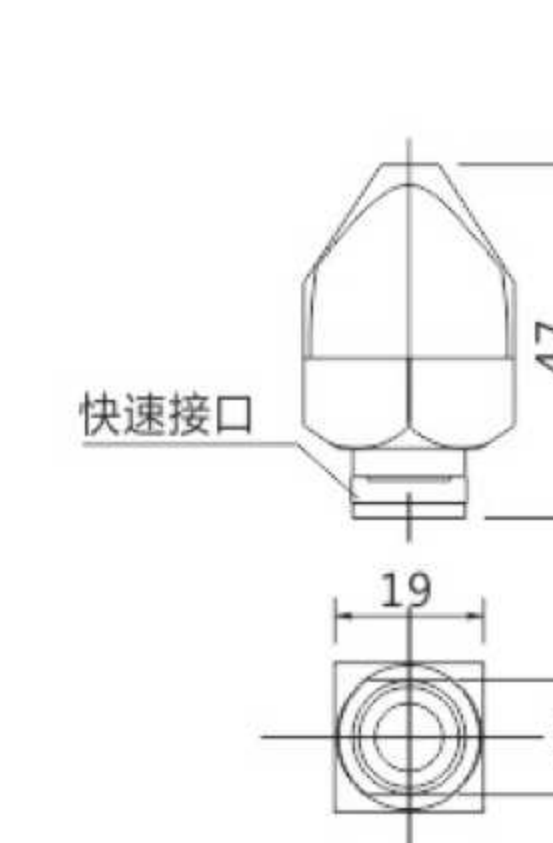
SHSX063



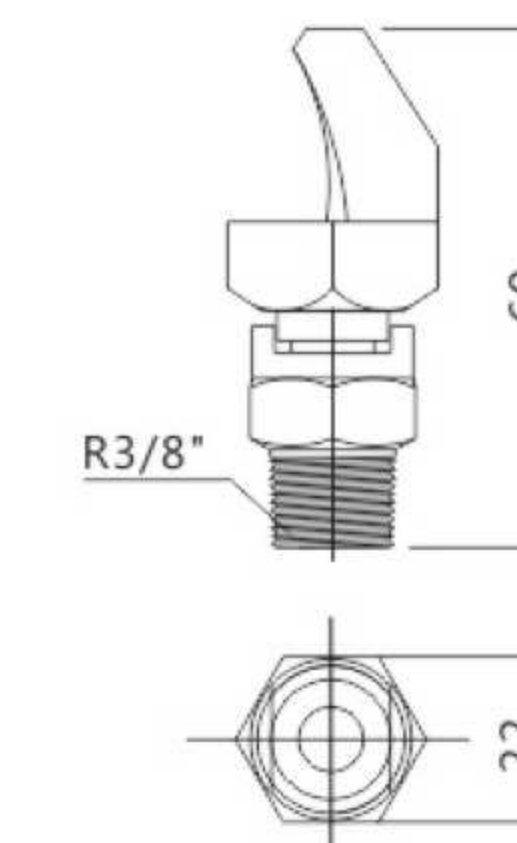
SHSX064



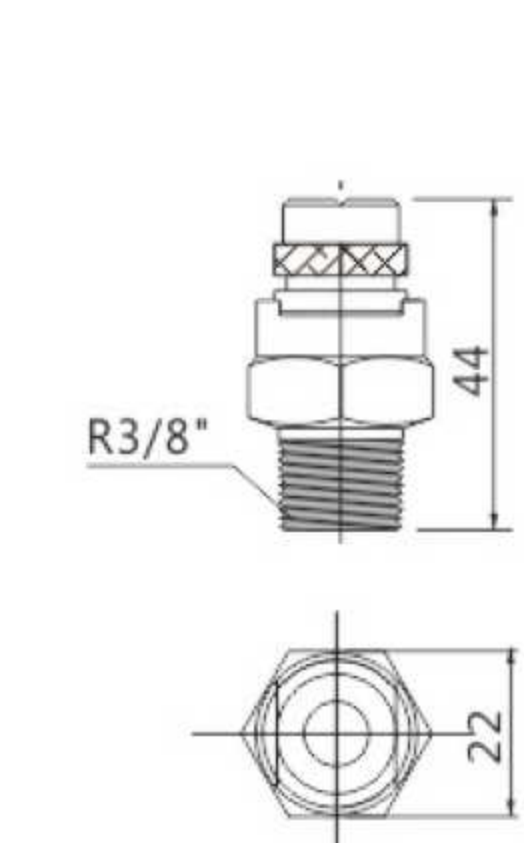
Sealing Ring



SHSX038



SHSX053



SHSX056

Backwashing Nozzle

Application: This type of nozzle can backwash, making it easy to clean blockages during flushing.



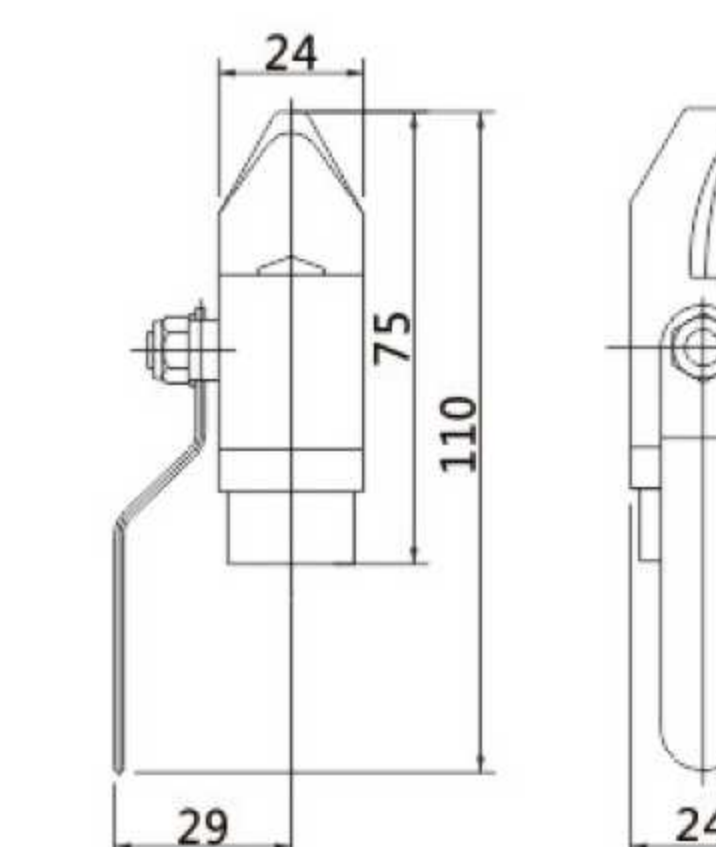
SHSX047



SHSX054



SHSX055



Narrow Angle Fan Type Nozzle Flow Rate Date

Spray Angle (3Mpa)	Flow No.	Diameter	Flow Rate (L/min)								Spray Angle		
			0.1Mpa	0.2Mpa	0.3Mpa	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	1.0Mpa	0.1Mpa	0.3Mpa	0.7Mpa
50°	5010	2.00	2.30	3.20	3.90	4.60	5.10	5.60	6.00	7.20	34°	50°	60°
	5025	2.80	5.70	8.10	9.90	11.40	12.70	14.00	15.10	18.00	42°	50°	59°
	5040	3.60	9.10	12.90	15.80	18.20	20.00	22.00	24.00	29.00	39°	50°	60°
	5060	4.80	13.70	19.30	24.00	27.00	31.00	33.00	36.00	43.00	42°	50°	53°
40°	4040	3.60	9.10	12.90	15.80	18.20	20.00	22.00	24.00	29.00	31°	40°	50°
	4050	4.00	11.40	16.10	19.70	23.00	25.00	28.00	30.00	36.00	31°	40°	49°
	4060	4.40	13.70	19.30	24.00	27.00	31.00	33.00	36.00	43.00	32°	40°	49°
	4070	5.20	16.00	23.00	28.00	32.00	36.00	39.00	42.00	50.00	32°	40°	49°
35°	3504	1.20	0.91	1.30	1.60	1.80	2.00	2.20	2.40	2.90	20°	35°	41°
	3510	2.00	2.30	3.20	3.90	4.60	5.10	5.60	6.00	7.20	18°	35°	39°
	3520	2.80	4.60	6.40	7.90	9.10	10.20	11.20	12.10	14.40	24°	35°	40°
	3525	2.80	5.70	8.10	9.90	11.40	12.70	14.00	15.10	18.00	24°	35°	39°
	3530	3.20	6.80	9.70	11.80	13.70	15.30	16.70	18.10	22.00	26°	35°	41°
	3540	3.60	9.10	12.90	15.80	18.20	20.00	22.00	24.00	29.00	28°	35°	38°
	3550	4.00	11.40	16.10	19.70	23.00	25.00	28.00	30.00	36.00	31°	35°	38°
	3560	4.40	13.70	19.30	24.00	27.00	31.00	33.00	36.00	43.00	29°	35°	39°
15°	1540	3.60	9.10	12.90	15.80	18.20	20.00	22.00	24.00	29.00	8°	15°	21°
	1550	4.40	11.40	16.10	19.70	23.00	25.00	28.00	30.00	36.00	9°	15°	20°

Order Information

Narrow Fan Type Nozzle				Material
SHSX039	3/8	5040	304SS	304SS 316SS
Model	Thread Size	Flow No.	Material	

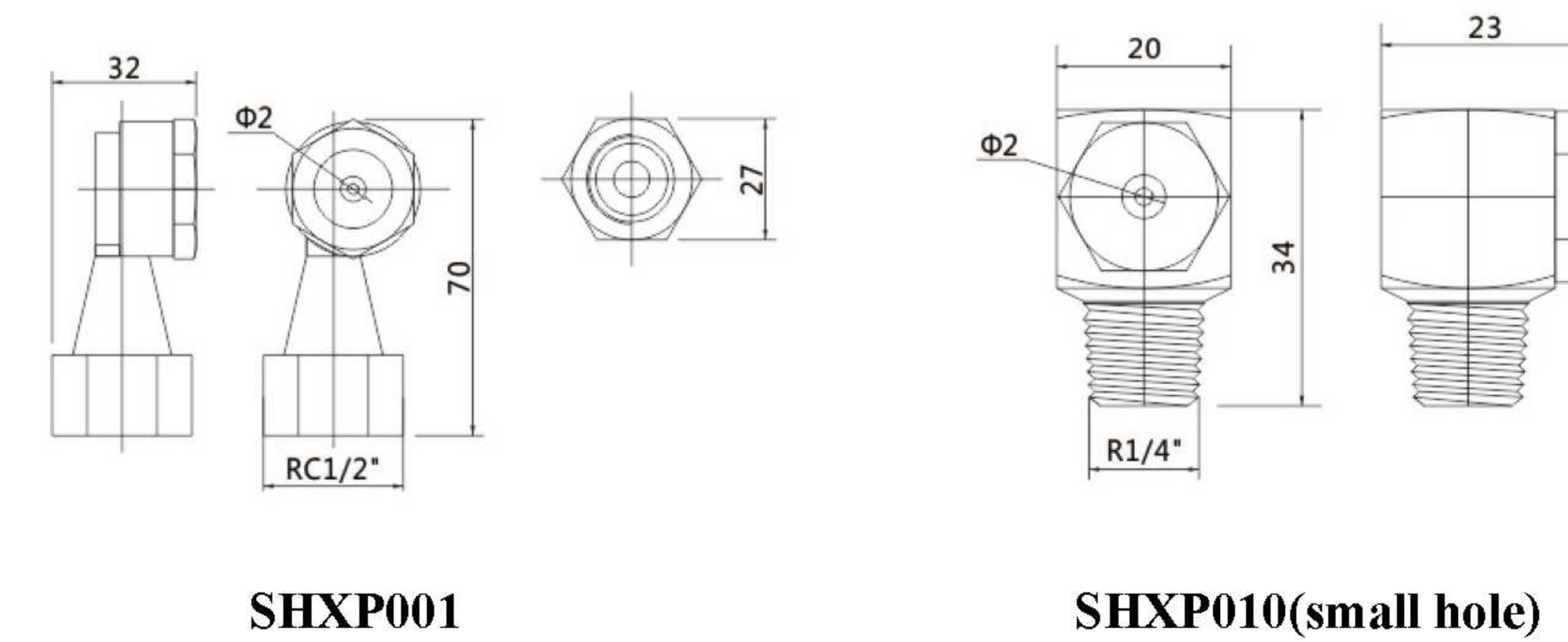
Bent Pipe for Double Disc Thinkener



Defoaming Spray Nozzle - SHXP

Application: Headbox defoaming, water cooling, dust removal, starch spray, and sizing agent spraying. By precisely controlling the liquid swirl in the nozzle flow cavity, the hollow cone spray shape is generated, and the spraying area is annular. At 80° temperature, it has high strength and corrosion resistance, a wide range of flow rates, and smooth water flow channels, which can effectively eliminate the plug phenomenon. Under a wide range of flow rates and pressures, it can produce spray with uniform distribution and small to medium drop size. Especially in applications that require rapid heat exchange or efficient movement of suspended droplets.

Threaded interface: G1/4", G3/8", G1/2"



Defoaming Spray Nozzle Flow Rate Date

Inlet Connection	Flow Size	Diameter	Hole Diameter	Flow Rate (L/min)										Spray Angle			
				0.02Mpa	0.05Mpa	0.1Mpa	0.15Mpa	0.2Mpa	0.3Mpa	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	0.05MPa	0.15MPa	0.6MPa	
1/8	0.5	0.79	1.20		0.16	0.23	0.28	0.32	0.39	0.46	0.51	0.56	0.60		58°	69°	
	1	1.6	1.60		0.32	0.46	0.56	0.64	0.79	0.91	1.00	1.10	1.20		64°	76°	
	2	2	2.00		0.64	0.91	1.10	1.30	1.60	1.80	2.00	2.20	2.40		52°	61°	69°
	3	2.4	2.40		0.97	1.40	1.70	1.90	2.40	2.70	3.10	3.30	3.60		52°	64°	77°
	5	3.2	3.20	1.00	1.60	2.30	2.80	3.20	3.90	4.60	5.10	5.60	6.00		56°	67°	76°
	8	4	4.00	1.60	2.60	3.60	4.50	5.20	6.30	7.30	8.20	8.90	9.60		56°	65°	70°
	10	4.4	4.40	2.00	3.20	4.60	5.60	6.40	7.90	9.10	10.20	11.20	12.10		55°	65°	72°
1/4	1	1.6	1.60			0.46	0.56	0.64	0.79	0.91	1.00	1.10	1.20		53°	67°	
	2	2	2.00		0.64	0.91	1.10	1.30	1.60	1.80	2.00	2.20	2.40		62°	71°	
	3	2.4	2.40		0.97	1.40	1.70	1.90	2.40	2.70	3.10	3.30	3.60		51°	65°	78°
	5	3.6	3.60	1.00	1.60	2.30	2.80	3.20	3.90	4.60	5.10	5.60	6.00		63°	73°	79°
	8	4	4.00	1.60	2.60	3.60	4.50	5.20	6.30	7.30	8.20	8.90	9.60		61°	69°	73°
	10	4.8	4.40	2.00	3.20	4.60	5.60	6.40	7.90	9.10	10.20	11.20	12.10		63°	70°	74°
	15	5.9	5.20	3.10	4.80	6.80	8.40	9.70	11.80	13.70	15.30	16.70	18.10		63°	71°	72°
	5-5W	3.6	3.20		1.60	2.30	2.80	3.20	3.90	4.60	5.10	5.60			114°	113°	104°
	5-10W	3.6	4.40	1.60	2.10	3.00	3.60	4.20	5.10	5.90	6.60	7.30			130°	130°	119°
3/8	5	3.6	3.2	1	1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6		64°	73°	79°
	8	4.4	4	1.6	2.6	3.6	4.5	5.2	6.3	7.3	8.2	8.9	9.6		62°	70°	74°
	10	5.2	4.4	2	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.1		64°	72°	75°
	15	5.9	5.6	3.1	4.8	6.8	8.4	9.7	11.8	13.7	15.3	16.7	18.1		64°	72°	74°
	20	7.1	6.4	4.1	6.4	9.1	11.2	12.9	15.8	18.2	20	22	24		63°	70°	74°
	25	7.5	7.5	5.1	8.1	11.4	14	16.1	19.7	23	25	28	30		63°	70°	74°
	30	8.3	7.9	6.1	9.7	13.7	16.7	19.3	24	27	31	33	36		63°	70°	74°
	10-10W	5.2	4.4	2.5	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2			116°	108°	93°
	15-15W	6.0	5.6	3.7	4.8	6.8	8.4	9.7	11.8	13.7	15.3	16.7			116°	106°	95°
20-20W	7.1	6	5	6.4	9.1	11.2	12.9	15.8	18.2	20	22			106°	102°	95°	
1/2	25	9.5	6.4	5.1	8.1	11.4	14	16.1	19.7	23	25	28	30		63°	66°	71°
	30	9.5	7.5	6.1	9.7	13.7	16.7	19.3	24	27	31	33	36		67°	71°	75°
	40	9.5	9.1	8.2	12.9	18.2	22	26	32	36	41	45	48		72°	76°	78°
	50	9.5	11.1	10.2	16.1	23	28	32	39	46	51	56	60		74°	79°	82°
	60	9.5	13.1	11.2	19.3	27	33	39	47	55	61	67	72		77°	82°	86°

Order Information

Defoaming Spray Nozzle				Material
SHXP010	1/4	2.0mm	304SS	304SS 316SS
Model	Thread Size	Spray Hole	Material	

Spray Spiral Nozzle - SHLX

Application: Smoke dedusting or chimney, boiler dedusting, desulfurization, fire prevention and fire extinguishing nozzles can produce solid conical spray nozzles with a spray angle of 60-180 degrees. At the same time, it can enable the liquid to reach the maximum flow and unblocked channel design on pipes of given size, and minimize blocking.

Threaded interface: R1/2", R3/4", R1"



SHLX001 SHLX002 SHLX003 SHLX004 SHLX005 SHLX006

Spray Spiral Nozzle Flow Rate

Thread	Standard	Hole Dia. (mm)	Flow Rate (L/min)					Spray Angle (0.7 Mpa)				
			0.07Mpa	0.15Mpa	0.3Mpa	0.7Mpa	2.5Mpa	60°	90°	120°	150°	170°
1/4	07	2.4	2.60	3.90	5.50	8.40	16.00	60°	90°	120°	150°	170°
	13	3.2	4.90	7.30	10.30	15.70	30.00	60°	90°	120°	150°	170°
	20	4	7.60	11.20	15.80	24.00	46.00	60°	90°	120°	150°	170°
3/8	07	2.4	2.60	3.90	5.50	8.40	16.00	60°				
	13	3.2	4.90	7.30	10.30	15.70	30.00	60°	90°	120°	150°	170°
	20	4	7.60	11.20	15.80	24.00	46.00	60°	90°	120°	150°	170°
	30	4.8	11.40	16.70	24.00	36.00	68.00	60°	90°	120°	150°	170°
	40	5.6	15.10	22.00	32.00	48.00	91.00	60°	90°	120°	150°	170°
	53	6.4	20.00	30.00	42.00	64.00	121.00	60°	90°	120°	150°	170°
1/2	120	9.5	45.00	67.00	95.00	145.00	270.00	60°	90°	120°	150°	170°
	164	11.1	62.00	92.00	129.00	198.00	370.00	60°	90°	120°	150°	170°
3/4	210	12.7	80.00	117.00	166.00	255.00	480.00	60°	90°	120°	150°	170°
	340	15.9	130.00	190.00	270.00	410.00	775.00	60°	90°	120°	150°	170°
1	470	19.1	179.00	260.00	370.00	565.00	1070.00	60°	90°	120°	150°	170°
	640	22.2	245.00	355.00	505.00	770.00	1460.00	60°	90°	120°	150°	170°
	820	25.4	310.00	455.00	645.00	990.00	1870.00	60°	90°	120°	150°	170°
2	960	28.6	360.00	535.00	755.00	1160.00	2190.00	60°	90°	120°	150°	170°
	1400	34.9	535.00	780.00	1105.00	1690.00	3190.00	60°	90°	120°	150°	170°
3	1780	38.1	680.00	995.00	1405.00	2150.00	4060.00	60°	90°	120°	150°	170°
	2560	44.5	980.00	1430.00	2020.00	3090.00	5830.00	60°	90°	120°		
4	3360	50.8	1280.00	188.00	2650.00	4050.00	7660.00	60°	90°	120°		
	5250	63.5	2000.00	2930.00	4140.00	6330.00	11960.00	60°	90°	120°		

Order Information

Spray Spiral Nozzle				Material
SHLX001	R1/2	2.4mm	304SS	304SS 316SS
Model	Thread Size	Spray Hole	Material	

Starch Spray Nozzle - SHDF

Application: Starch spray, talcum powder spray, additives and other spray bottom hole discs and disc cores can be combined into different flow rates and spray angles. It is the most effective method to improve the physical efficiency of paper and paperboard in the production of paper, such as stiffness, ring compression strength, interlayer adhesion and surface strength. It can produce uniform and fine hollow cone atomization, which is suitable for newsprint, paperboard, sandpaper, corrugated paper, etc. The bottom layer of SHDF013 new starch nozzle is inlaid with zirconia ceramics, which has high resistance and is used for talcum powder spray.

Threaded interface: R1/4", M14*1, M14*1.5....



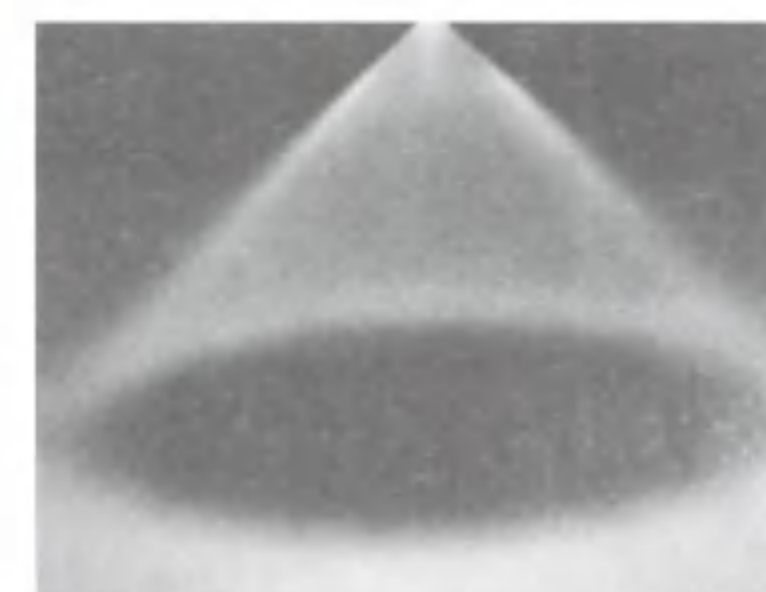
Starch Spray Nozzle Flow Rate

Plate No.	Core No.	Hole Dia.	Flow Rate (L/min)										Spray Angle		
			0.07Mpa	0.1Mpa	0.2Mpa	0.3Mpa	0.4Mpa	0.5Mpa	0.6Mpa	1.0Mpa	1.5Mpa	2.0Mpa	0.1MPa	1MPa	2MPa
3	23	1.20	0.25	0.29	0.39	0.46	0.52	0.58	0.62	0.78	0.93	1.10	56°	77°	77°
4	23	1.60	0.32	0.37	0.51	0.61	0.70	0.77	0.83	1.10	1.30	1.40	62°	88°	88°
5	23	2.00	0.37	0.44	0.59	0.72	0.82	0.91	0.98	1.30	1.50	1.70	73°	96°	95°
3	25	1.20	0.39	0.45	0.63	0.75	0.86	0.95	1.00	1.30	1.60	1.80	47°	69°	69°
4	25	1.60	0.57	0.68	0.94	1.10	1.30	1.40	1.60	2.00	2.40	2.80	63°	82°	82°
3	45	1.20	-	0.53	0.74	0.91	1.00	1.20	1.30	1.60	2.00	2.30	34°	62°	62°
4	45	1.60	0.67	0.80	1.10	1.40	1.60	1.80	2.00	2.50	3.10	3.60	59°	73°	72°
5	45	2.00	0.87	1.00	1.50	1.80	2.00	2.30	2.50	3.20	3.90	4.50	63°	76°	75°
6	45	2.40	1.10	1.30	1.90	2.30	2.70	3.00	3.30	4.30	5.30	6.10	70°	80°	79°

Order Information

Starch Spray Nozzle			
Model	Thread Size	Flow No.	Material
SHDF001	R1/4	4-25	304SS

Material
304SS
316SS

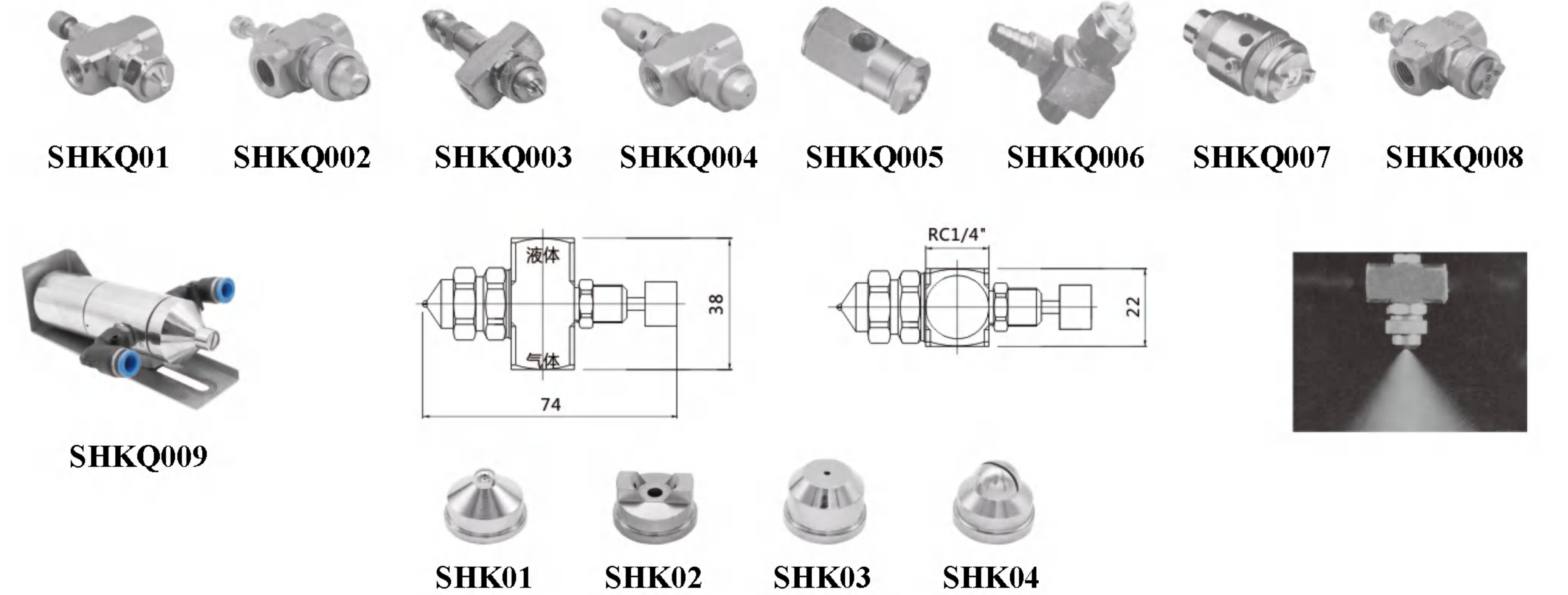


Core Model
3-23, 3-25, 3-45, 4-23, 4-25, 4-45, 5-25, 5-45, 6-45

Air Spray Nozzle - SHKQ

Application: Stripping agent spraying, paper web humidification, proper dyeing, surface sizing This nozzle is the most effective device for humidification, dosing, dyeing and surface sizing that can be fully adjusted by atomization at present. Improving the stripping effect of tissue paper and drying cylinder can overcome the damage of spray to the finished paper, improve the paper surface, and increase the strength of the paper.

Threaded interface: R1/4"(inner thread)....



Air Spray Nozzle (Needle Type) Flow Rate

Spray device compose of air cap & liquid cap	Flow Rate (L/min)														Air (Mpa)	Liquid (Mpa)	A cm	B cm	C cm	D cm		
	0.02Mpa		0.03Mpa		0.07Mpa		0.15Mpa		0.3Mpa		Air (Mpa)	Liquid (Mpa)	A cm	B cm							C cm	D cm
	Air Pressure (Mpa)	Water (L/h)	Air Pressure (Mpa)	Water (L/h)	Air Pressure (Mpa)	Water (L/h)	Air Pressure (Mpa)	Water (L/h)	Air Pressure (Mpa)	Water (L/h)												
Liquid Cap 35100 & Air Cap 122281 -60°	0.06	91.00	0.07	102.00	0.14	156.00	0.21	210.00	0.32	285.00	0.14	0.03	33	38	48	3.8						
	0.07	102.00	0.11	130.00	0.21	210.00	0.28	260.00	0.42	360.00	0.21	0.07	33	40	56	4.3						
	0.11	130.00	0.18	184.00	0.25	235.00	0.35	310.00	0.53	430.00	0.32	0.15	38	48	66	4.6						
	0.14	156.00	0.21	210.00	0.28	260.00	0.42	360.00	0.56	455.00	0.42	0.15	38	48	64	5.2						
												0.39	0.2	41	51	69	4.6					
Liquid Cap 40100 & Air Cap 134255 -45°	0.07	85.00	0.14	116.00	0.18	139.00	0.28	195.00	0.35	232.00	0.07	0.035	15	19	27	2.1						
	0.10	102.00	0.18	139.00	0.21	156.00	0.32	212.00	0.42	275.00	0.18	0.07	15	19	27	3						
	0.14	116.00	0.21	156.00	0.25	178.00	0.35	227.00	0.49	314.00	0.25	0.14	15	22	33	3.4						
	0.18	139.00	0.25	178.00	0.28	195.00	0.42	266.00	0.53	340.00	0.28	0.14	15	22	36	3.8						
	0.21	156.00	0.28	195.00	0.35	227.00	0.49	312.00	0.56	360.00	0.28	0.14	16.5	25	37	4						
	0.28	195.00	0.35	227.00	0.42	266.00	0.56	360.00	0.63	411.00	0.42	0.21	16.5	25	37	4.9						
	0.35	227.00	0.42	266.00	0.49	312.00	0.63	411.00	0.66	428.00	0.53	0.28	18	23	36	5.8						
Liquid Cap 60100 & Air Cap 134255 -45°	0.10	102.00	0.18	139.00	0.25	178.00	0.32	212.00	0.39	255.00	0.1	0.02	15	20	25	2.7						
	0.14	116.00	0.21	156.00	0.28	195.00	0.35	227.00	0.42	275.00	0.21	0.02	15	22	29	3						
	0.18	139.00	0.25	178.00	0.32	212.00	0.39	246.00	0.46	297.00	0.28	0.035	18	24	36	3.5						
	0.21	156.00	0.28	195.00	0.35	227.00	0.42	266.00	0.49	314.00	0.32	0.14	20	28	39	3.7						
	0.25	178.00	0.32	212.00	0.42	266.00	0.49	312.00	0.56	360.00	0.35	0.07	19	27	38	4						
	0.28	195.00	0.35	227.00	0.49	312.00	0.56	360.00	0.63	411.00	0.42	0.14	20	28	39	4.3						
	0.35	227.00	0.42	266.00	0.56	360.00	0.63	411.00	0.70	453.00	0.56	0.28	18	24	38	5.9						

Cone Type Spray Nozzle - SHWH Double Hole

Application: Deinking defoaming, smoke dedusting, fire fighting, air and waste cleaning The nozzle can produce a solid conical spray shape, which is evenly distributed under a certain pressure and flow rate, and the size of liquid droplets is medium to large, with spray effect threaded interface
Thread Connection: R1/8", R1/4", R3/8", R1/2"



Cone Type Spray Nozzle Flow Rate Date

Thread	Flow Size	Hole Dia. (mm)	Max. Diameter (mm)	Flow Rate (L/min)										Spray Angle		
				0.05Mpa	0.07Mpa	0.15Mpa	0.2Mpa	0.3Mpa	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	1.0Mpa	0.05Mpa	0.15Mpa	0.6Mpa
1/8 1/4 3/8 1/2	1.0	0.89	0.64		0.38	0.54	0.62	0.74	0.85	0.94	1.00	1.10	1.50		58°	53°
	1.5	1.2	0.64	0.49	0.57	0.81	0.93	1.10	1.30	1.40	1.50	1.70	1.90	52°	65°	59°
	2.0	1.2	1.0	0.65	0.76	1.10	1.20	1.50	1.70	1.90	2.00	2.20	2.60	43°	50°	46°
	3.0	1.5	1.0	0.89	1.10	1.60	1.90	2.20	2.50	2.80	3.10	3.30	3.90	52°	65°	59°
	3.5	1.6	1.3	1.10	1.30	1.90	2.20	2.60	3.00	3.30	3.60	3.90	4.50	43°	50°	46°
1/4 3/8 1/2	5.0	2.0	1.3	1.60	1.90	2.70	3.10	3.70	4.20	4.70	5.10	5.50	6.50	52°	65°	59°
	6.5	2.38	1.6	2.10	2.50	3.50	4.00	4.80	5.50	6.10	6.70	7.10	8.40	45°	50°	46°
3/8 1/2	10	3.18	1.6	3.30	3.80	5.40	6.20	7.40	8.50	9.40	10.20	11.00	13.00	58°	67°	61°
	9.5	2.6	2.4	5.10	3.60	5.10	5.90	7.10	8.10	8.90	9.70	10.40	12.30	45°	50°	46°
	15	3.6	2.4	4.90	5.70	8.10	9.30	11.20	12.70	14.10	15.40	16.50	19.40	64°	67°	61°
1/2	22	4.5	2.8	7.20	8.40	11.90	13.60	16.40	18.70	21.00	23.00	24.00	28.00	87°	90°	82°
	16	3.5	3.2	5.20	6.10	8.70	9.90	11.90	13.60	15.10	16.40	17.60	21.00	48°	50°	46°
	25	4.6	3.2	8.20	9.50	13.50	15.40	18.60	21.00	24.00	26.00	27.00	32.00	64°	67°	61°
	32	5.2	3.6	10.40	12.20	17.30	19.80	24.00	27.00	30.00	33.00	35.00	41.00	72°	75°	68°
1/2	40	6.2	3.6	13.10	15.20	22.00	25.00	30.00	34.00	38.00	41.00	44.00	52.00	88°	91°	83°

Order Information

Cone Type Spray Nozzle			
Model	Thread Size	Hole Diameter	Material
SHWH001	R1/4	4.9mm	304SS

Material
304SS
316SS



Self Cleaning Nozzle

Application: It's used for cleaning cylinder mould, felts, rollers. This nozzle is suitable for washing suspended solids in white water. By reducing the pipeline pressure, the flushing piston can retract to flush fibers and other suspended solids out of the clogged nozzle, which has the advantage of reducing daily maintenance of the spray.
Thread Connection: M27*1.5

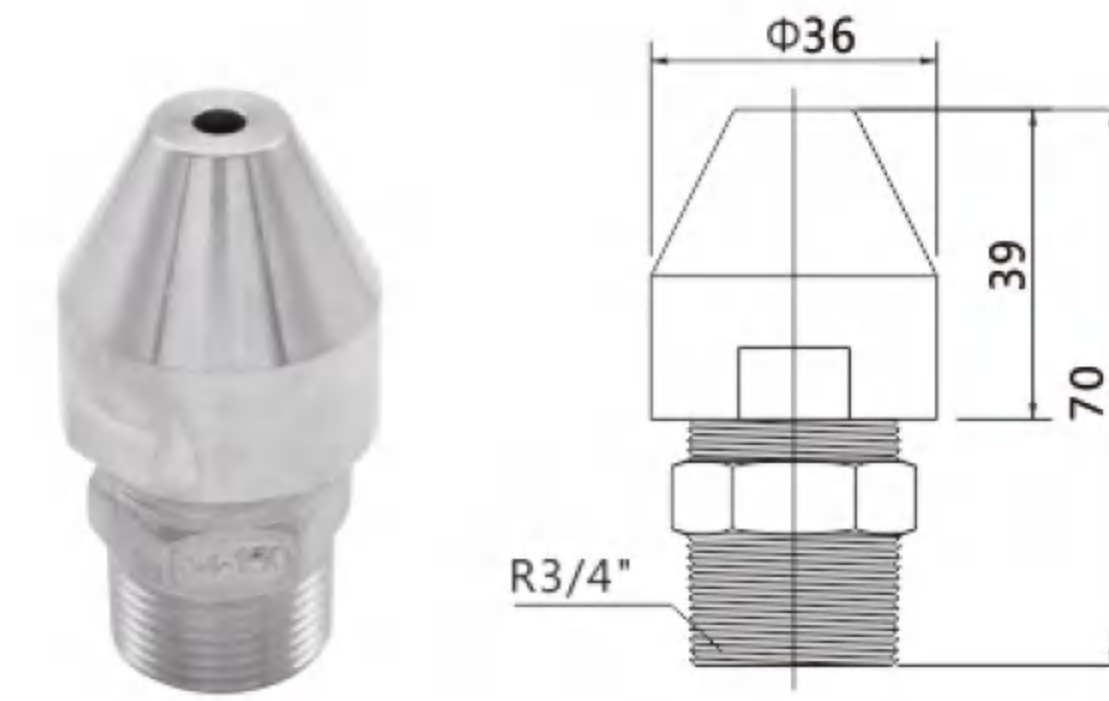


Spray Angle	Flow No.	Flow Rate (L/min)													
		0.15Mpa	0.2Mpa	0.25Mpa	0.3Mpa	0.35Mpa	0.4Mpa	0.45Mpa	0.5Mpa	0.55Mpa	0.6Mpa	0.7Mpa	0.8Mpa	1.0Mpa	1.5Mpa
0°	00012	0.034	0.039	0.043	0.047	0.051	0.055	0.058	0.061	0.064	0.067	0.072	0.077	0.086	0.11
	000026	0.073	0.084	0.094	0.10	0.11	0.12	0.125	0.13	0.14	0.15	0.16	0.17	0.19	0.23
	000053	0.15	0.17	0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.30	0.32	0.34	0.38	0.47
	0007	0.20	0.23	0.25	0.28	0.30	0.32	0.34	0.36	0.37	0.39	0.42	0.56	0.50	0.62
	0001	0.28	0.32	0.36	0.39	0.43	0.46	0.48	0.51	0.53	0.56	0.60	0.64	0.72	0.88
	00017	0.47	0.55	0.61	0.67	0.72	0.77	0.82	0.87	0.91	0.95	1.00	1.10	1.20	1.50
	0002	0.56	0.64	0.72	0.79	0.85	0.91	0.97	1.00	1.07	1.10	1.20	1.30	1.40	1.80
	00025	0.70	0.81	0.90	0.99	1.00	1.10	1.20	1.30	1.34	1.40	1.50	1.60	1.80	2.20
	00032	0.89	1.00	1.20	1.30	1.40	1.50	1.55	1.60	1.70	1.80	1.90	2.10	2.30	2.80
	00043	1.20	1.40	1.50	1.70	1.80	2.00	2.10	2.20	2.30	2.40	2.60	2.80	3.10	3.80
15°	0005	1.40	1.60	1.80	2.00	2.10	2.30	2.40	2.50	2.70	2.80	3.00	3.20	3.60	4.40
	0006	1.70	1.90	2.20	2.40	2.60	2.70	2.90	3.10	3.20	3.30	3.60	3.90	4.30	5.30
	0008	2.20	2.60	2.90	3.20	3.40	3.60	3.90	4.10	4.30	4.50	4.80	5.20	5.80	7.10
	0010	2.80	3.20	3.60	3.90	4.30	4.60	4.80	5.10	5.30	5.60	6.00	6.40	7.20	8.80
	3005	1.40	1.60	1.80	2.00	2.10	2.30	2.40	2.50	2.70	2.80	3.00	3.20	3.60	4.40
	3013	3.60	4.20	4.70	5.10	5.50	5.90	6.30	6.60	6.90	7.30	7.80	8.40	9.40	11.50
	3014	3.90	4.50	5.00	5.50	6.00	6.40	6.80	7.10	7.50	7.80	8.40	9.00	10.10	12.40
	3040	11.20	12.90	14.40	15.80	17.10	18.20	19.30	20.00	21.00	22.00	24.00	26.00	29.00	35.00
40°	4012	3.30	3.90	4.30	4.70	5.10	5.50	5.80	6.10	6.40	6.70	7.20	7.70	8.60	10.60
	4013	3.60	4.20	4.70	5.10	5.50	5.90	6.30	6.60	6.90	7.30	7.80	8.40	9.40	11.50
	4014	3.90	4.50	5.00	5.50	6.00	6.40	6.80	7.10	7.50	7.80	8.40	9.00	10.10	12.40
	4020	5.60	6.40	7.20	7.90	8.50	9.10	9.70	10.20	10.70	11.20	12.10	12.90	14.40	17.70
45°	4032	8.90	10.30	11.50	12.60	13.60	14.60	15.50	16.30	17.10	17.90	19.30	21.00	23.00	28.00
	4045	12.60	14.50	16.20	17.80	19.20	21.00	22.00	23.00	24.00	25.00	27.00	29.00	32.00	40.00
	4516	4.50	5.20	5.80	6.30	6.80	7.30	7.70	8.20	8.60	8.90	9.60	10.30	11.50	14.10
50°	4525	7.00	8.10	9.00	9.90	10.70	11.40	12.10	12.70	13.40	14.00	15.10	16.10	18.00	22.00
	4542	11.70	13.50	15.10	16.60	17.90	19.10	20.00	21.00	22.00	23.00	25.00	27.00	30.00	37.00
	5032	8.90	10.30	11.50	12.60	13.60	14.60	15.50	16.30	17.10	17.90	19.30	21.00	23.00	28.00
60°	6016	4.50	5.20	5.80	6.30	6.80	7.30	7.70	8.20	8.60	8.90	9.60	10.30	11.50	14.10
	6031	8.70	10.00	11.20	12.20	13.20	14.10	15.00	15.80	16.60	17.30	18.70	20.00	22.00	27.00
	6038	10.60	12.20	13.70	15.00	16.20	17.30	18.40	19.40	20.00	21.00	23.00	24.00	27.00	34.00
80°	8003	0.84	0.97	1.10	1.20	1.30	1.40	1.45	1.50	1.60	1.70	1.80	1.90	2.20	2.60
	8005	1.40	1.60	1.80	2.00	2.10	2.30	2.40	2.50	2.70	2.80	3.00	3.20	3.60	4.40
	8011	3.10	3.50	4.00	4.60	4.70	5.00	5.30	5.60	5.90	6.10	6.60	7.10	7.90	9.70
	8019	5.30	6.10	6.80	7.50	8.10	8.70	9.20	9.70	10.20	10.60	11.50	12.20	13.70	16.80
	8030	8.40	9.10	10.80	11.80	12.80	13.70	14.50	15.30	16.00	16.70	18.10	19.30	22.00	26.00
	8036	10.00	11.60	13.00	14.20	15.30	16.40	17.40	18.30	19.20	20.00	22.00	23.00	26.00	32.00
100°	8046	12.80	14.80	16.60	18.20	19.60	21.00	22.00	23.00	25.00	26.00	28.00	30.00	33.00	41.00
	10011	3.10	3.50	4.00	4.30	4.70	5.00	5.30	5.60	5.90	6.10	6.60	7.10	7.90	9.70
120°	10020	5.60	6.40	7.20	7.90	8.50	9.10	9.70	10.20	10.70	11.20	12.10	12.90	14.40	17.70
	12008	2.20	2.60	2.90	3.20	3.40	3.60	3.90	4.10	4.30	4.50	4.80	5.20	5.80	7.10
130°	13016	4.50	5.20	5.80	6.30	6.80	7.30	7.70	8.20	8.60	8.90	9.60	10.30	11.50	14.10

Smoke Dust Removal Nozzle - SHYW

Application: The nozzles for dedusting, flooding, quenching, cooling, fire fighting and chemical treatment of boiler chimneys use internal blades, have super large flow channels and a large outlet to ensure non blocking jet flow, and can produce solid conical spray shape. The spray area is circular with a spray angle of 50°-120°, and the droplets are very large.

Threaded interface: R3/4", R1"...



Smoke Dust Removal Nozzle Flow Rate Data

Thread	Flow Size	Hole Dia. (mm)	Max. Dia. (mm)	Flow Rate (L/min)											Spray Angle		
				0.05Mpa	0.07Mpa	0.15Mpa	0.2Mpa	0.3Mpa	0.4Mpa	0.5Mpa	0.6Mpa	0.7Mpa	1.0Mpa	0.05Mpa	0.15Mpa	0.6Mpa	
3/4	2.5	4.90	4.40	9.60	11.20	15.90	18.20	22.00	25.00	28.00	30.00	32.00	38.00	48°	50°	46°	
	4	6.40	4.40	15.40	18.00	26	29	35.00	40.00	44.00	48.00	52.00	61.00	67°	70°	63°	
1	4.2	6.00	5.60	16.20	18.90	27	31	37.00	42.00	47.00	51.00	54.00	64.00	48°	50°	46°	
	7	8.30	5.60	27.00	31.00	45	51	61.00	70.00	78.00	84.00	91.00	107.00	67°	68°	62°	
	8	9.50	5.60	31.00	36.00	51	58	70.00	80.00	89.00	97.00	104.00	122.00	72°	81°	82°	
1-1/2	10	11.90	5.60	38.00	45.00	64	73	88.00	100.00	111.00	121.00	130.00	163.00	78°	90°	94°	
	16	12.70	8.70	38.00	45.00	64	73	88.00	100.00	111.00	121.00	130.00	163.00	48°	50°	44°	
	16	12.70	8.70	62.00	72.00	102	116	140.00	160.00	178.00	193.00	210.00	245.00	72°	74°	64°	

Order Information

Smoke Dust Removal Nozzle				Material
Model	Thread Size	Hole Diameter	Material	
SHYW001	1/4	4.2mm	304SS	304SS 316SS CU

Fine Atomization Nozzle-SHWX

Application: Cooling, evaporation, wetting, and humidifying. The nozzle only uses liquid pressure to produce very small droplets, and the spray is shaped into a uniform solid cone, which can be unobstructed to obtain a wet fog effect.

Threaded interface: R1/8, R1/4"...



Fine Atomization Nozzle Flow Rate Data

Hole Dia (mm)	Core No.	Flow Rate (L/min)										Spray Angle		
		0.2Mpa	0.5Mpa	1.0Mpa	1.5Mpa	2.0Mpa	3.0Mpa	4.0Mpa	5.0Mpa	7.0Mpa	0.3Mpa	0.6Mpa	2.0Mpa	
0.41	206			4.30	5.30	6.10	7.50	8.60	9.70	11.40			35°	65°
0.51	210		5.10	7.20	8.80	10.20	12.50	14.40	16.10	19.10			45°	72°
0.51	216	4.80	7.60	10.80	13.20	15.30	18.70	22.00	24.00	29.00			65°	72°
0.71	216	6.40	10.20	14.40	17.70	20.00	25.00	29.00	32.00	38.00			70°	77°
0.71	220	9.70	15.30	22.00	26.00	31.00	37.00	43.00	48.00	57.00			65°	73°
1.10	220	12.90	20.00	29.00	35.00	41.00	50.00	58.00	64.00	76.00			72°	84°
1.10	225	19.30	31.00	43.00	53.00	61.00	75.00	86.00	97.00	114.00			73°	81°
1.50	225	26.00	41.00	58.00	71.00	82.00	100.00	115.00	129.00	153.00			85°	91°
1.60	420	32.00	51.00	72.00	88.00	102.00	125.00	144.00	161.00	191.00			82°	86°
1.90	420	39.00	61.00	86.00	106.00	122.00	150.00	173.00	193.00	230.00			78°	85°
1.90	421	45.00	71.00	101.00	124.00	143.00	175.00	200.00	225.00	265.00			85°	90°
1.90	422	58.00	92.00	130.00	159.00	183.00	225.00	260.00	290.00	345.00			81°	86°
1.90	625	71.00	112.00	159.00	194.00	225.00	275.00	320.00	355.00	420.00			70°	75°
2.20	625	84.00	133.00	187.00	230.00	265.00	325.00	375.00	420.00	495.00			73°	77°

Tank nozzle : Application: washing tank, washing pipeline

Threaded Connection: G3/8", G1", G1-1/4", G1-1/2", G2



Steam Nozzle

Application: Used for spraying gas and steam, the effective spray angle has a short duration and can achieve uniform spraying. Suitable for cleaning, humidifying, and wetting felts & wires.
Thread Connection: G1/4"



Fire Nozzle

For firefighting and extinguishing fires.



Siphon Tube Connector

Application: Drying cylinder suction elbow.
Thread Connection: G3/8", G1/2", G3/4", G1", G1-1/4", G1-1/2", G2"
Material: Cooper, Stainless Steel, Steel



Black Liquid Nozzle

Application: used for pulp black liquid spray, recover, thickner washing.
Thread Connection: G1/4"



Steel Nozzle

Application: used for black liquor alkali recovery, it has good corrosion resistance and heat resistance.



Oil Gun Nozzle

Application: Inject an equal amount of fuel into the hopper through five evenly distributed spray holes to evenly ignite the fuel.



Air Gun Nozzle

It's used for spray air.



Desulphurization Nozzle

Application: Exhaust gas desulfurization, dust removal, gas cooling.



360° Spiral Defoaming Nozzle

Application: used for cleaning tank and barrel inner.



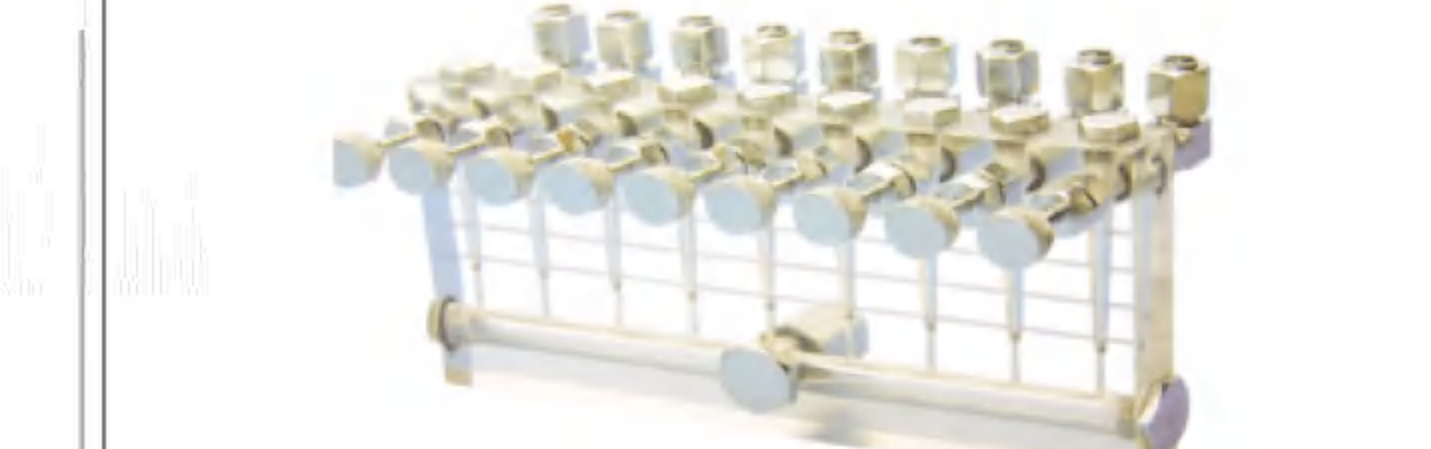
Blow Nozzle

This type of nozzle has the advantages of noise reduction and rectification, and the blowing effect is better than traditional air knives. It can achieve strong impact blowing effect under low pressure.



Oil Distributor

Concentrate and distribute the thin oil from the main oil circuit to each lubrication branch for quantitative control and monitoring



Water Knife

Application: used for cylinder mould edge cutting.

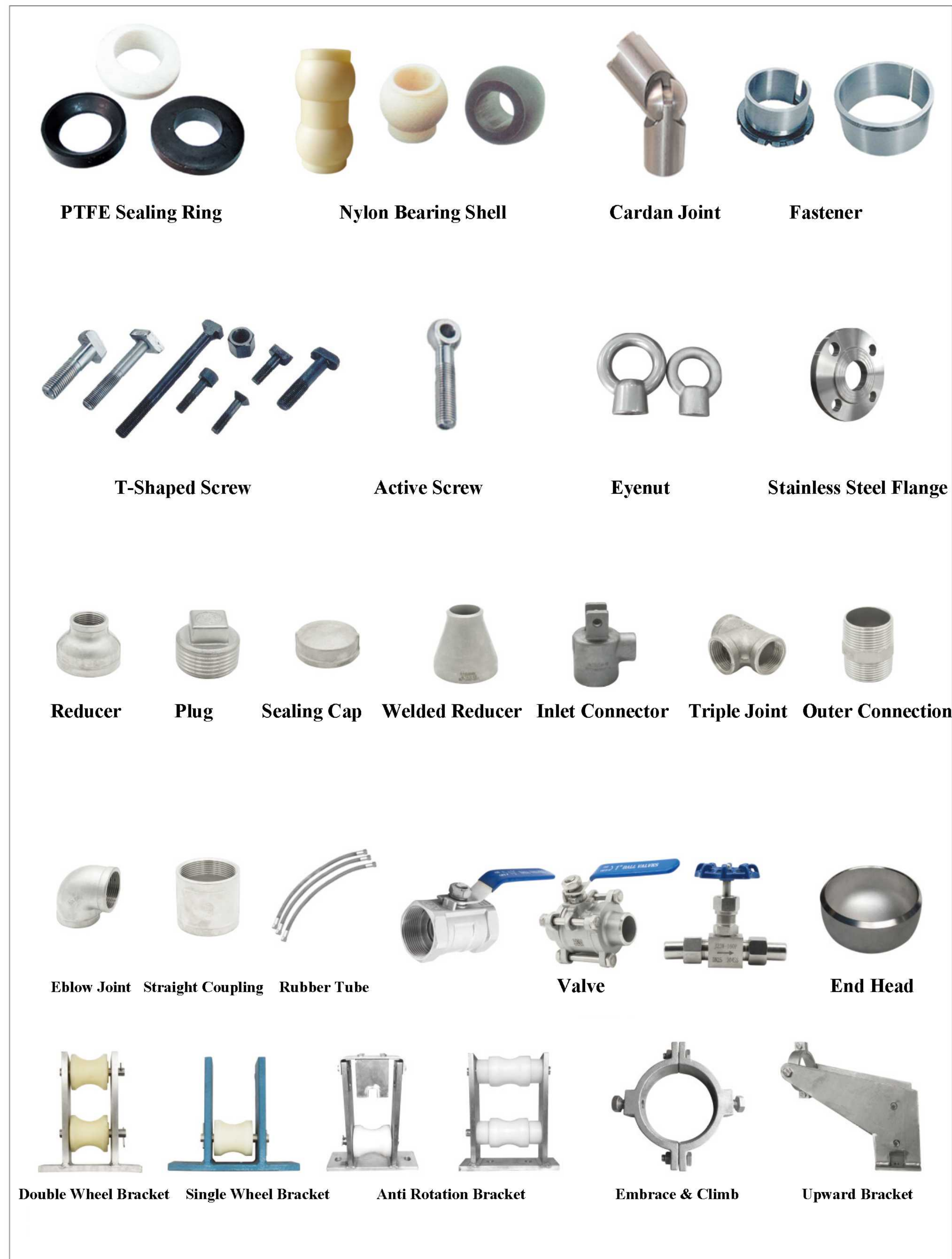


Cleaner

(Used in various pulp purification systems to remove small heavy impurities such as sand and dust from the pulp, and can also be used in de ink systems to remove larger ink particles, etc.)



- High tech research achievements using centrifugal purification technology.
- Less tail rotor, requiring fewer segments, thereby reducing power consumption and investment.
- High efficiency, ensuring the cleanliness of the pulp.
- Compact arrangement, reducing footprint.
- Each slag remover is equipped with valves at the inlet and outlet to reduce system downtime, increase system flexibility and reliability.
- Made of high-quality imported nylon or stainless steel materials, durable and long-lasting, and can also be equipped with wear-resistant ceramics.
- Vertebral body and slag discharge nozzle
- Pressure slag discharge method or development slag discharge method can be selected.
- The end section is equipped with a pulp regulator to reduce fiber loss. Models: 606, 600, 700, 300, 900.



Filter

Filter is an indispensable device on the pipeline for conveying media, mainly aimed at removing small amounts of solid impurities from liquids, protecting nozzles, spraying equipment, pumps and other equipment, and maintaining the normal operation of other equipment. After the filter cartridge has a certain specification of filter screen, its impurities are blocked. When cleaning is needed, simply remove the detachable filter cartridge, process it, and reinstall it. Therefore, it is extremely convenient to use and maintain.

Filter Mesh Accuracy

Filter Mesh Accuracy																			
Visibility →																			
Micron	5	10	15	25	30	40	50	80	100	120	150	200	300	400	600	800	1000	1500	3000
Mesh	3000	1500	1000	600	500	400	250	200	150	120	100	80	60	40	30	20	16	10	5
Inch	0.0002	0.0004	0.0006	0.001	0.0012	0.0016	0.003	0.004	0.005	0.006	0.008	0.008	0.012	0.016	0.025	0.032	0.04	0.06	0.12
Phycle Size																			

SHGL001, GL002 Convenient Filter

The main feature of this filter is its simplicity, and it is a low flow pipeline filtration device that can be installed. Due to its simple structure and low cost, it is widely used.



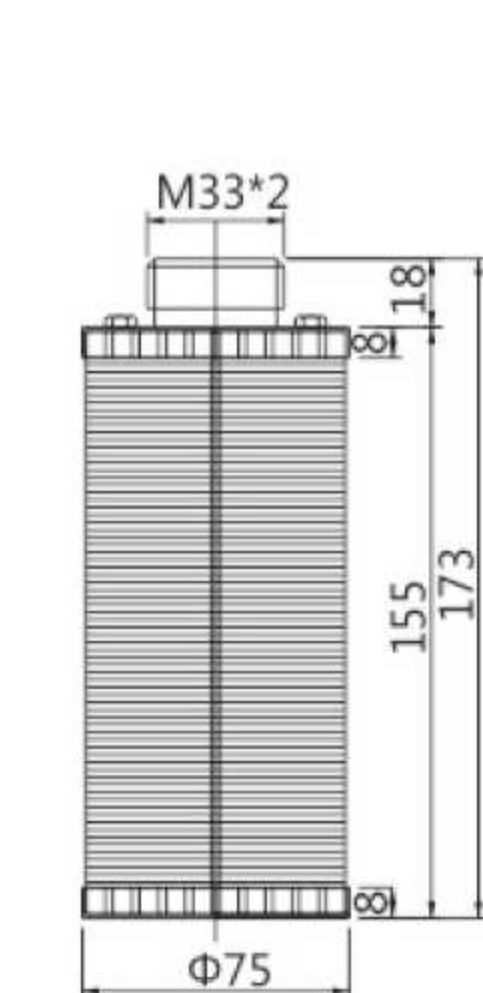
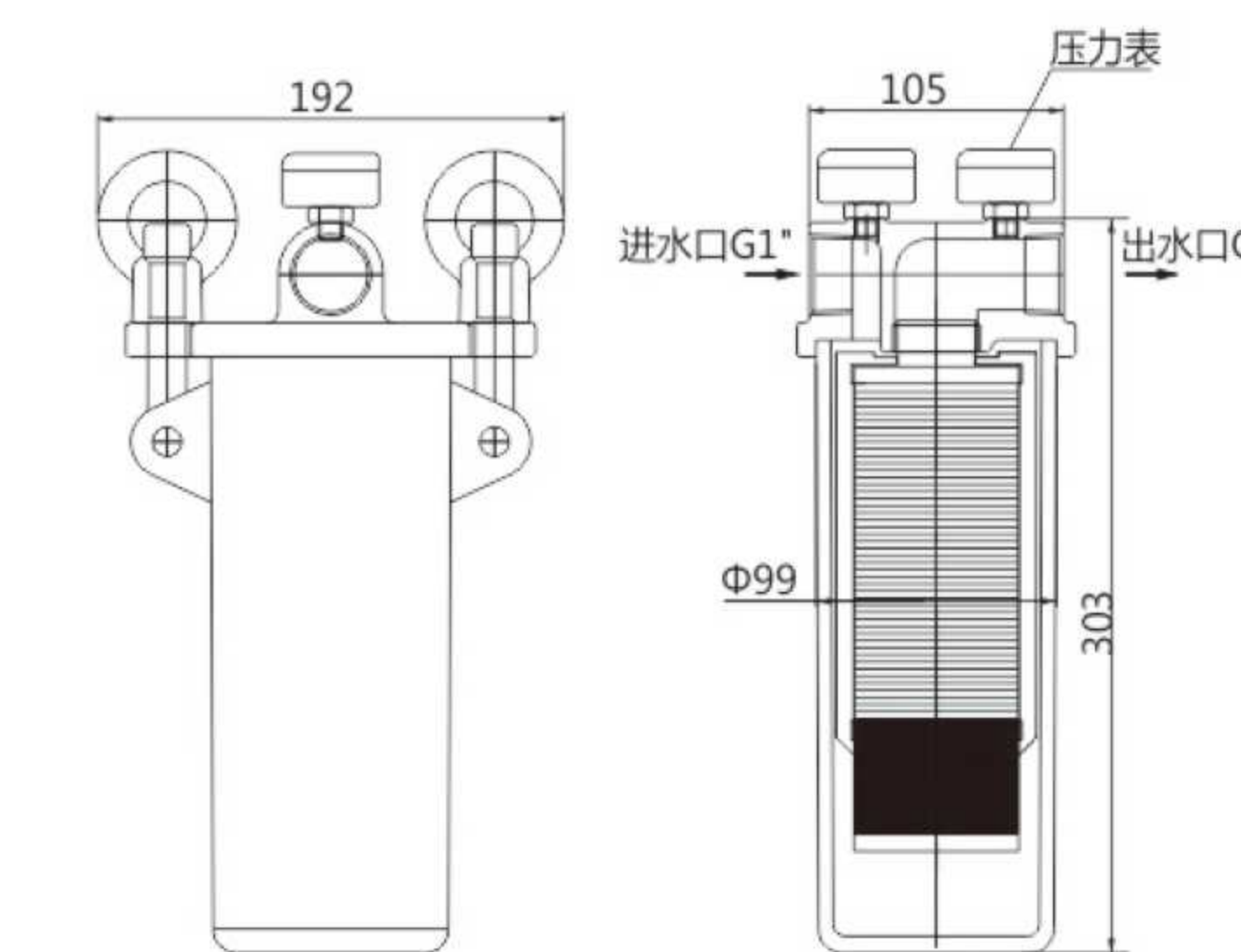
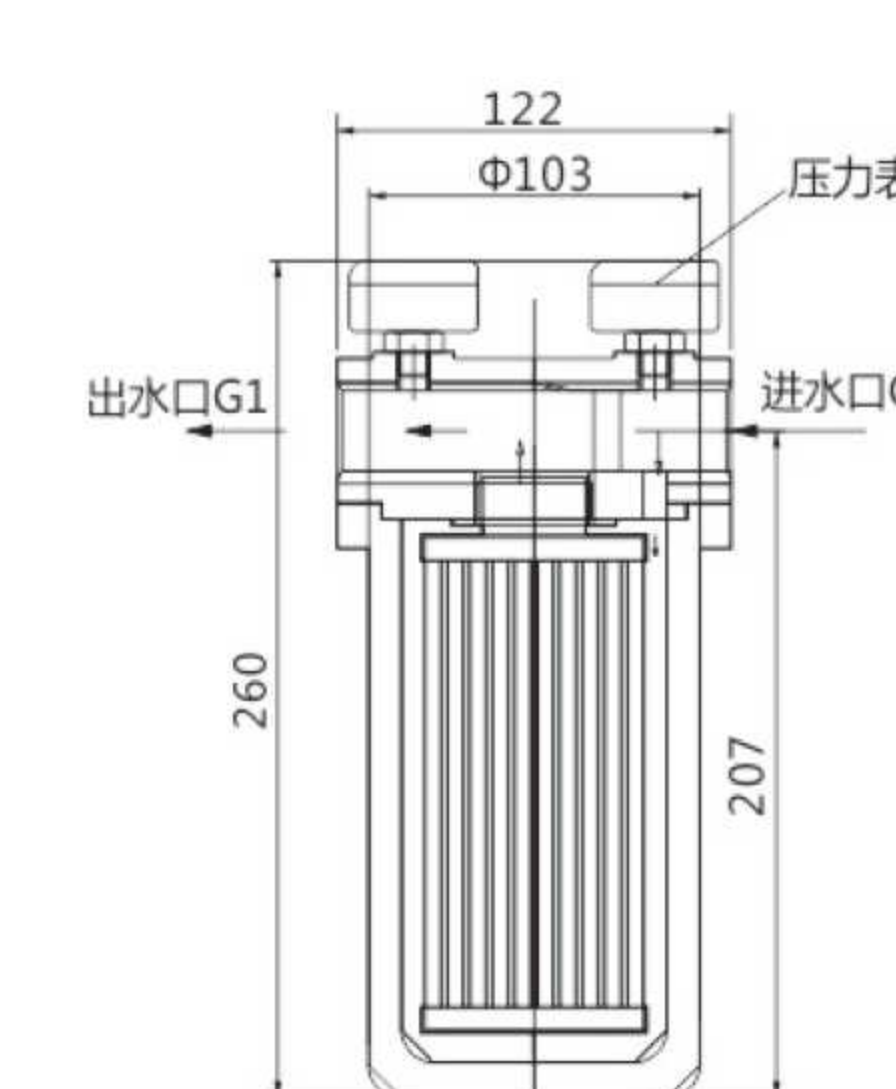
**SHGL001
(Stainless Steel)**



SHGL002



**Slot Filter Mesh
SHGL001**



Filter	SHGL001	SHGL002
Material	Stainless Steel, Cast Steel	Stainless Steel
Flow	5m ³ /h	5m ³ /h
Inlet/Outlet	1 inch/DN25	1 inch/DN25
Mesh Number	40-100 mesh	

Felt & Wire Cleaning Device

Introduction: In combination with the actual conditions of different paper machines, our company has developed various types of felt and wire cleaning devices, such as pneumatic felt and wire cleaning device, CNC electric felt and wire cleaning device, turbine electric felt and wire cleaning device, hydraulic felt and wire cleaning device, etc. to increase paper production and reduce sewage discharge, using different power to drive the piston shaft.

Advantages:

1. Improve paper quality and output, save chemical cleaning downtime and chemical washing pollution, and have a high yield rate.
2. Extend the service life of the felt and wore.
3. Save water. The water consumption per ton of paper is reduced from the traditional 100-300m³; to 10-50m³.
4. Small equipment investment and quick effect.

Main Technical Requirements

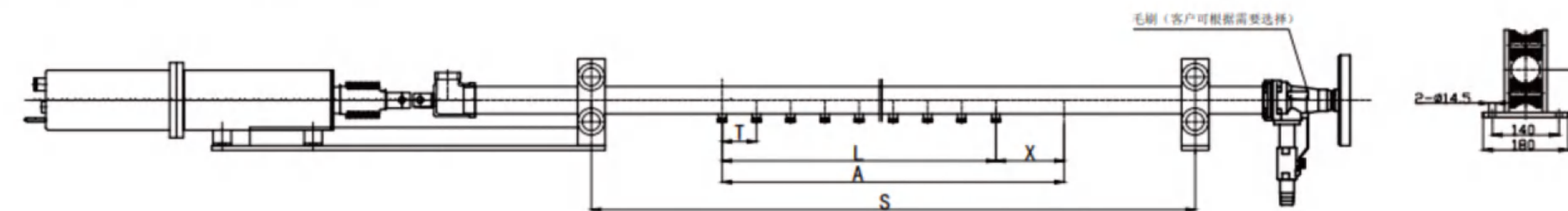
- (1) Working medium, clean water filtered through a 40~60 mesh screen, working temperature 2°C~80°C
- (2) The high-pressure filter flow rate is 5M³/h, and the inlet and outlet pipe diameter is Dg25 internal thread connection.
- (3) For the long screen, round screen, thickener screen and filter screen of the paper machine, a high-pressure water spray pipe can be installed on each screen.
- (4) For cleaning of felts, you can choose: needle-shaped flushing on the back; fan-shaped flushing on the front.
- (5) The distance from the nozzle to the wire or felts should be between 20 and 100 mm. It should be perpendicular to the wire and felt, and adjusted to just flush the edge of the wire and felt during its reciprocating stroke.
- (6) The moving device, high-pressure filter, hydraulic pressure gauge, and water pressure regulating valve should be installed on the operating side of the paper machine as much as possible. Use 4 bolts to fix the support frame to the bottom rail of the equipment or other bracket.
- (7) The center line of the piston shaft (screw, ball screw) and the water spray pipe should be consistent (concentric and horizontal).

Technical Parameter

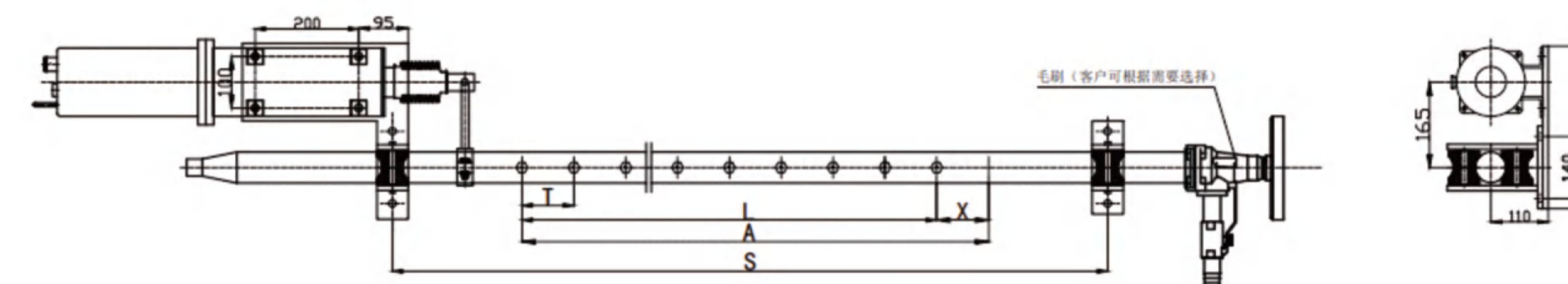
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Trim Width (mm)	1092	1575 1600	1760	1880	2100 2184	2360 2400	2640	3150	3520	3940	4600	5400	5400	6600	7000	7800	8800	9800
Wire Width (mm)	1350	1800	2100	2250	2400	2700	3150	3450	3900	4200	5000	5800	5800	7200	7300	8200	9000	10000
Effective Cleaning Width (mm)	1430	1880 2050	2150	2250	2500	2800	3300	3600	4100	4400	5200	6150	5900	7200	7400	8400	9200	10200
Gauge	1800 1900	2400	2600	2700	2850	3300 3400	3700	4300	4800	5250	5400	6400	6700	7800	8370	9200	10000	11000
Spray Pipe Diameter	G1 1/4"		G1 1/2"			G2", G2 1/2", G3"				G3", G4"								
Connection Thread	G1'		G1 1/4' / G1''			G1 1/4'、G1 1/2'				G1 1/2'、G2''								
Rubber Pipe Inner Thread	G1'		G1 1/4' / G1''			G1 1/4'、G1 1/2'				G1 1/2'、G2''								
Spray Pipe Water Pressure	网部: 0.3-1.5 (MPa) 毯部: 0.6-3.5 (MPa)																	
Reciprocating Stroke	0-400mm																	
Movable Power	水动压力0.15-0.5 (MPa) / 电动100W - 400W																	
Nozzle Distance	60-200mm																	
Nozzle Hole Diameter	针型: Φ0.8、Φ1.0、Φ1.2、Φ1.4 扇型: Φ2.5x60°、Φ0.4x120°、Φ0.6x90° Φ0.8x60°																	

Installation Diagram of CNC movable Device (Note: other movements can also refer to this diagram)

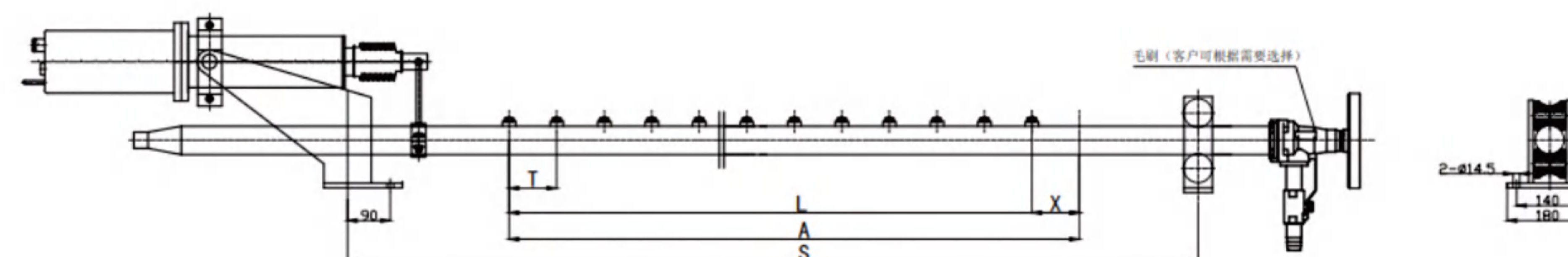
1. Straight Conect Type



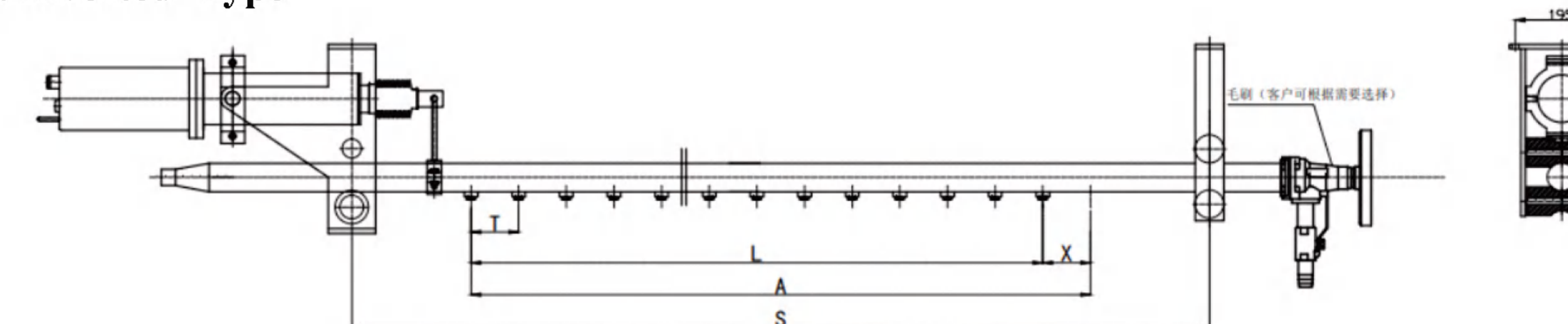
2. Parallel Type



3. Upward Type



4. Inverted Type

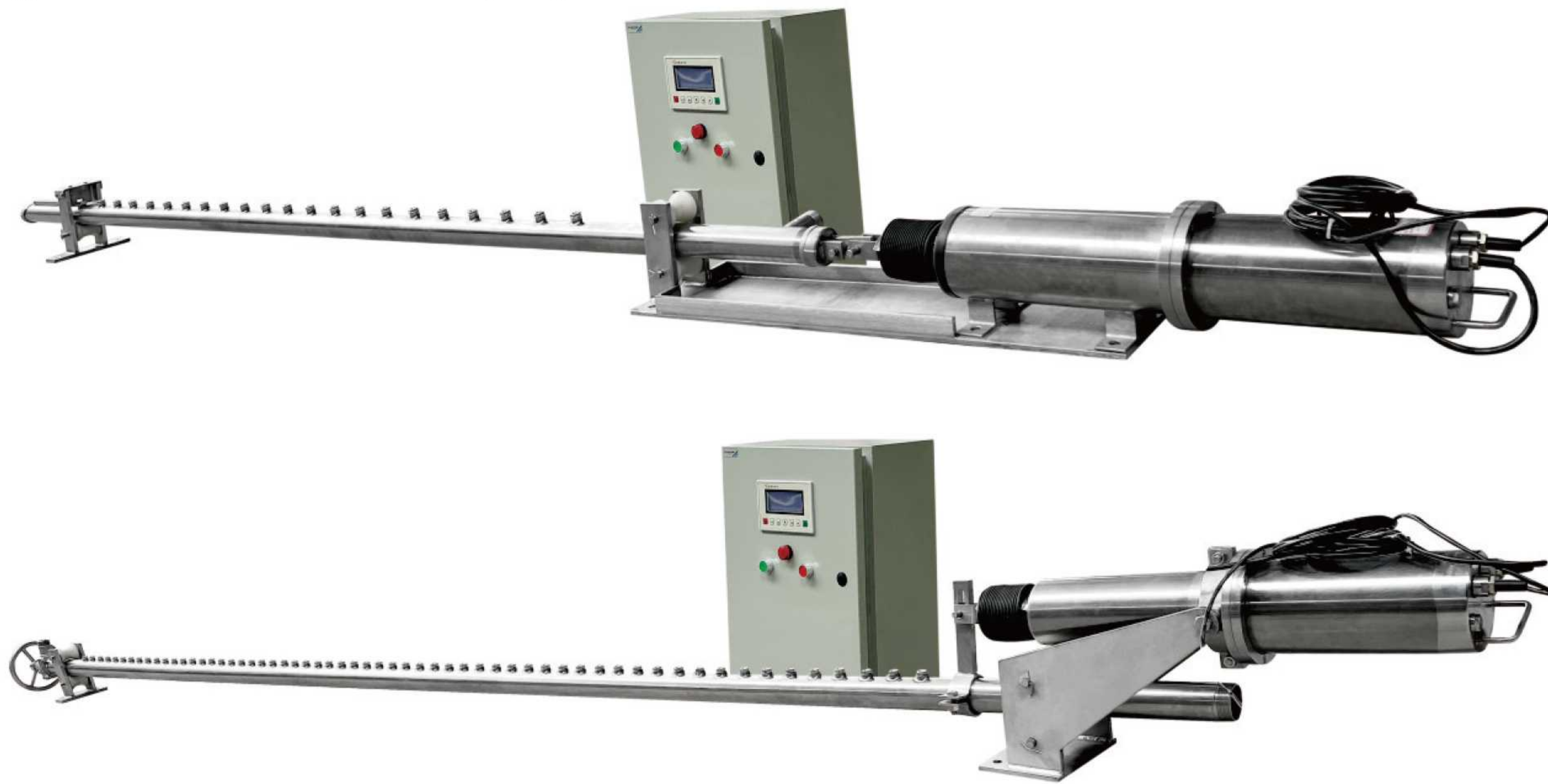


管径	A	B	带刷	不带刷
Φ42 Φ48	无	0-200	G1	G1
Φ60	有	0-200	G1-1/2	G1-1/2
Φ76 Φ89	有	0-200	G1-1/2	G1-1/2
Φ108	有	0-200	G1-1/2	G1-1/2
Φ133	有	0-200	G2	G2

Note: The following dimensions are provided by the user

1. Nozzle spacing: T
2. Net width: L
3. Center distance: S
4. Nozzle aperture and selection
5. Cleaning device: A
6. Travel itinerary: B

High Pressure Movable Spray Device



Moveable Head



VI-A New CNC Moveable Head

VI-A CNC Moveable Head

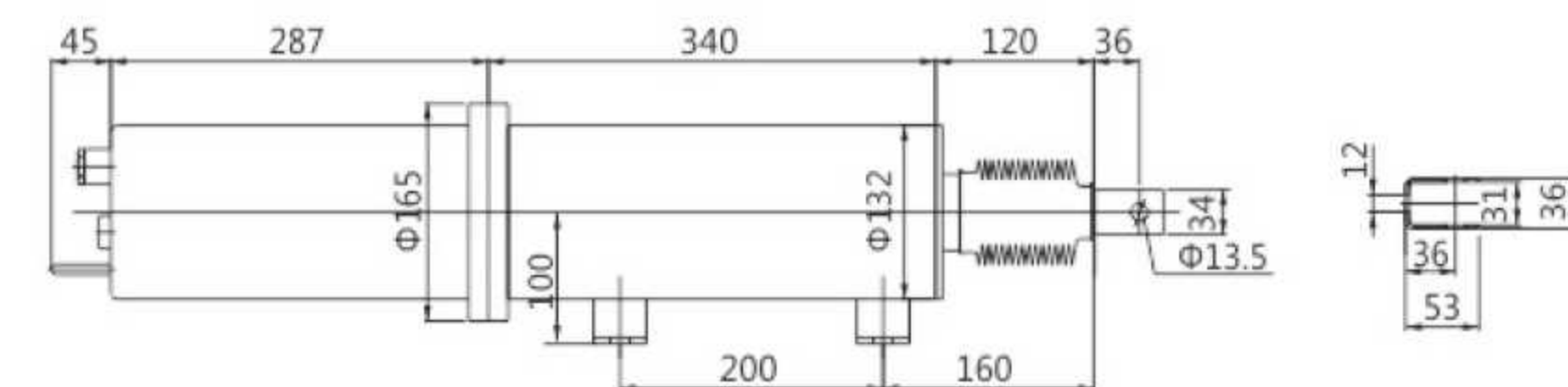
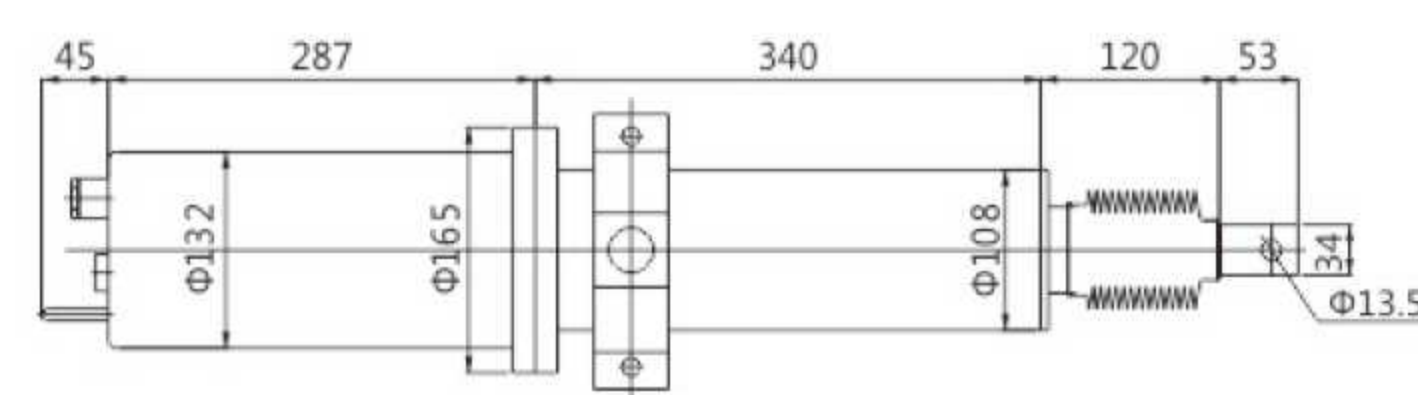
VI-B CNC Moveable Head



VI-B New CNC Moveable Head



VI-C CNC Moveable Head



CNC Control Box



Stainless Steel Single Group



Stainless Steel Double Group



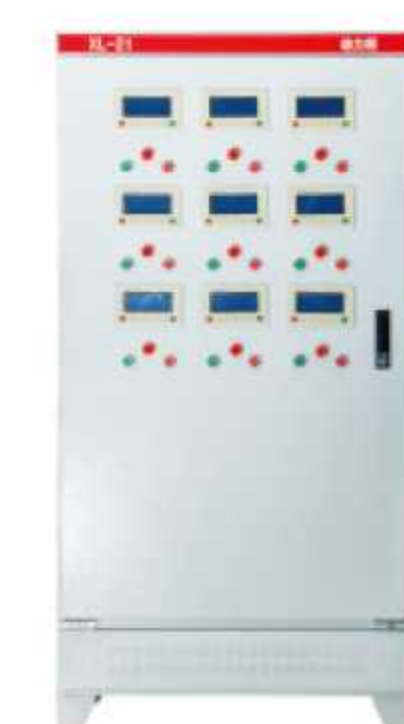
Stainless Steel Double Layer Water Proof



Single Group



Double Group



Multiple Group

Pneumatic Wire & Felts Cleaning Device

Description: Its working principle is to use a pressure gas source to drive the piston shaft, which drives the high-pressure spray pipe to make continuous periodic reciprocating motion. The motion speed can be regulated by throttling. The device has undergone hard oxidation treatment and is characterized by low wear, reliable sealing, stable operation, and long service life.

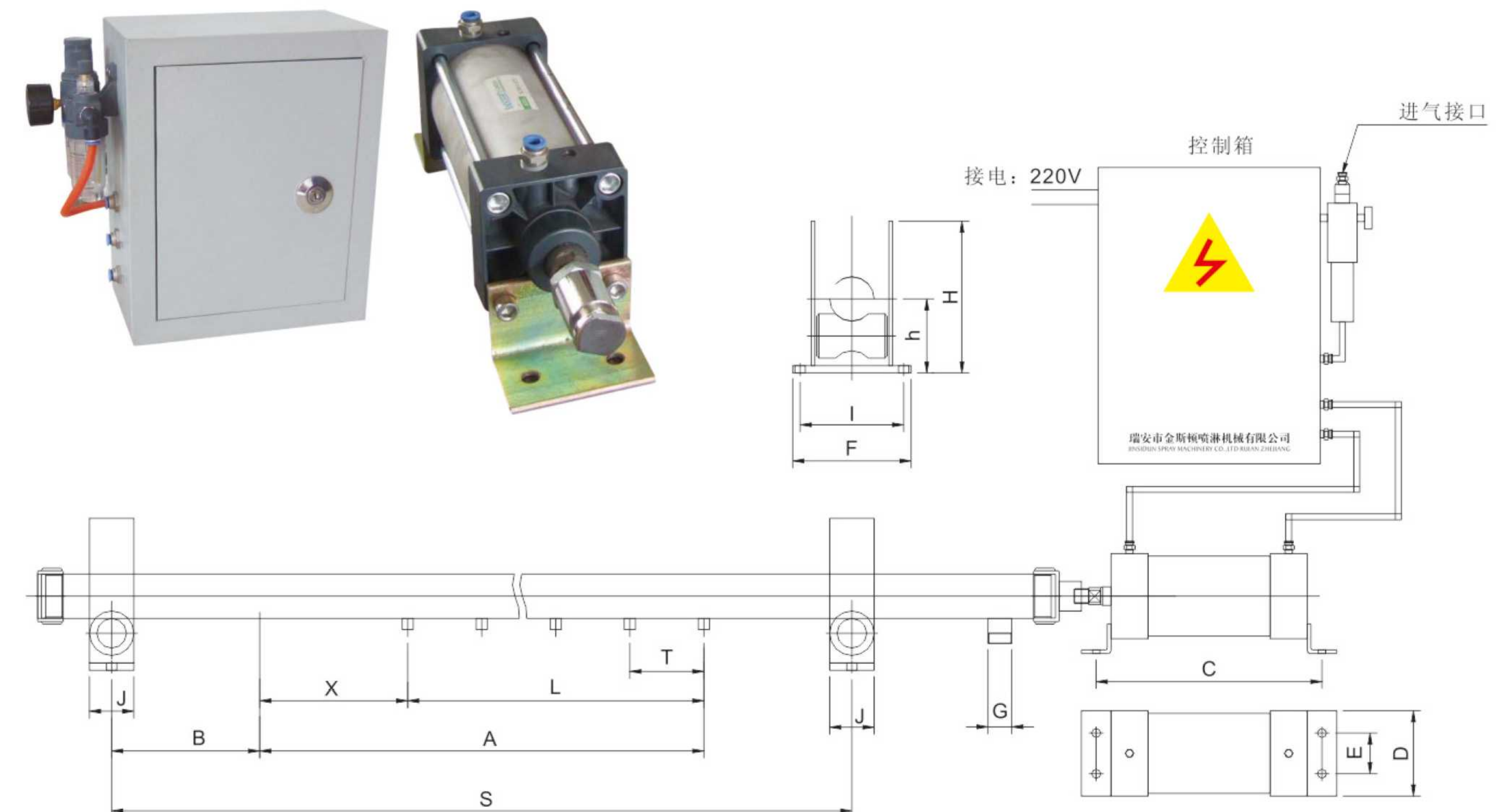
Technical Parameters: The voltage used is 220V, and the solenoid valve controls automatic switching. Compressed air is used as the driving pressure (0.3~0.4MPa).

Note: After filtering, the compressed air is connected to the regulating valve and strictly controlled within the maximum operating pressure range of 0.4MPa of the device. And fill the oil mist device with lubricating oil, adjust the dripping speed of the oil mist device to just one drop of oil, and make 1-2 reciprocating movements of the piston shaft in the cylinder; In order to ensure the normal operation of the polyurethane sealing ring in the oil lubricated cylinder, otherwise the piston sealing ring in the cylinder will wear out too quickly, causing unnecessary human faults.

Adjustment method: The extension and contraction axis time relay is generally adjusted to the 9-10 position, and the airflow valve should also be adjusted to the corresponding size to match the relay time and achieve the best effect (about 2 round trips per minute). If the airflow of the throttle valve is too large and the relay time is too long, it will result in a prolonged retention time of the telescopic shaft; On the contrary, if the airflow is too small and the relay time is too short, the travel of the telescopic shaft will change direction before reaching the desired length.

Note: The following dimensions are provided by the user

- 1. Track gauge: S
- 2. Effective flushing: A
- 3. Total nozzle spacing: L
- 4. Distance from mouth: T
- 5. Schedule: X
- 6. Mouth model, aperture, and inlay



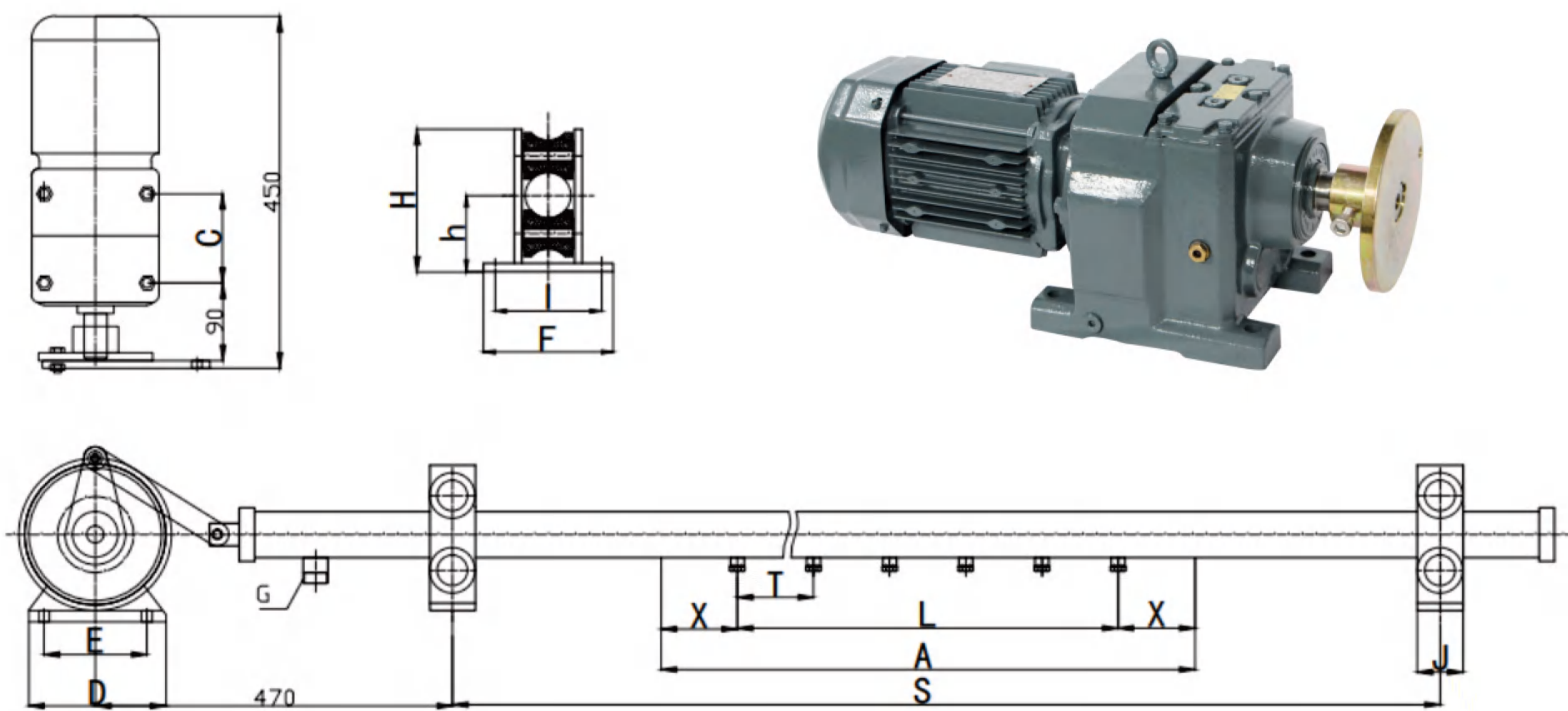
Turbine Wire & Felts Cleaning Device

Description: The worm gear electric wire and felt cleaning device is the most stable and reliable moveable device. The motor is equipped with a reducer and is a mechanical eccentric wheel structure used for reciprocating moving parts. It is divided into left and right types according to the installation position of the motor. Attention: The motor should be waterproof and moisture-proof. Before starting up, loosen or replace the ventilation cap to ensure good ventilation, ventilation, and heat dissipation conditions for the reducer; After using the new machine for one month (200-300 hours), the lubricating oil should be replaced with a new one and the internal oil stains should be cleaned; It can be updated once every six months to a year in the future. Using in a harsh environment In situations where the working hours are poor or continuous for more than eight hours, the service life of the lubricating oil should be shortened.

Technical Parameters: Equipped with electric motor: TR63-Y0.18-6P-159.74-W;
Input power: 0.18kw 0.37kw
Input speed: 850r/min;
Voltage: Three phase 380V.
Mobile frequency: 5.7 times/minute
Journey: 80-130mm;
Lubricating oil grade: N150 or N220;

Note: The following dimensions are provided by the user

1. Track gauge: S
2. Effective flushing: A
3. Total nozzle spacing: L
4. Distance from mouth: T
5. Schedule: X
6. Mouth model, aperture, and inlay
7. Brush



管径	C	D	E	F	J	I	h	H	G
φ42	165	158	130	130	50	105	100	130	1"
φ48	165	160	135	145	50	115	115	140	1"
φ60	165	160	135	145	50	115	115	150	1"
φ76	165	160	135	180	60	150	110	210	1 1/4
φ89	165	160	135	200	80	160	120	230	1 1/2
φ114	165	160	135	200	120	170	150	280	1 1/2
φ133	165	160	135	220	140	180	165	320	2"
φ159	165	160	135	240	140	220	180	350	2"

Water Powered Wire & Felts Cleaning Device

Description: The water powered wire and felt cleaning device adopts a siphon switch according to the law of medium water. Working principle: Use the pressure of water to drive the piston shaft. Drive the high-pressure spray pipe to move back and forth. This device ensures smooth reversing, no impact, and easy maintenance. Long service life.

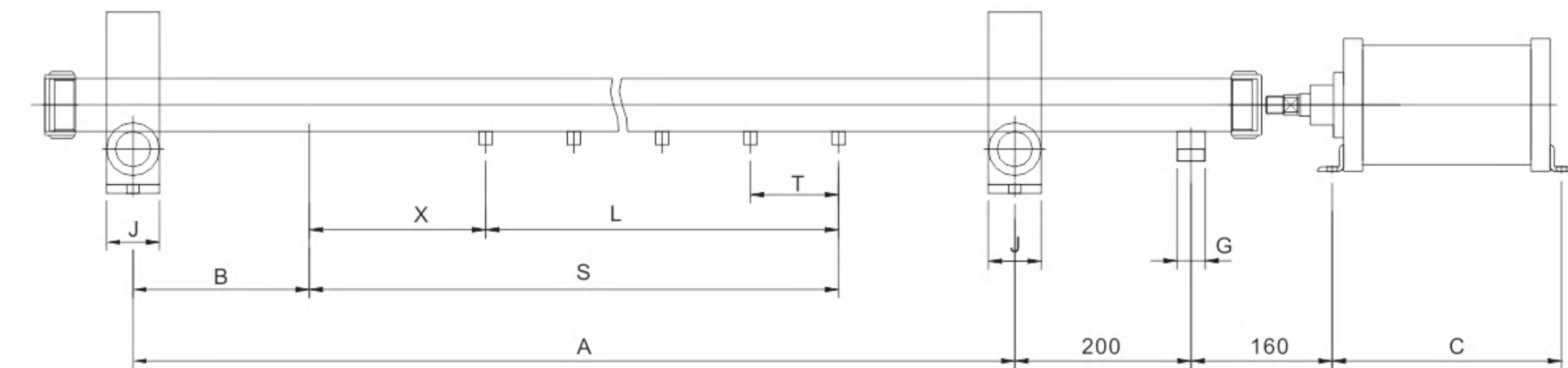
Notice: The switch board should be cleaned once every two months to prevent water and mineral substances from settling in the gaps of the switch board, causing shutdown faults. The pressure difference of the filter should be around 1-2kg. The filter screen inside the filter should be cleaned in a timely manner to avoid damage to the filter screen. The water pressure of the moving cylinder should be adjusted within 0.2-0.4 MPa to regulate the moving speed. The water pressure should not be too high to avoid causing water leakage and shutdown of the moving cylinder..

Note: The following dimensions are provided by the user

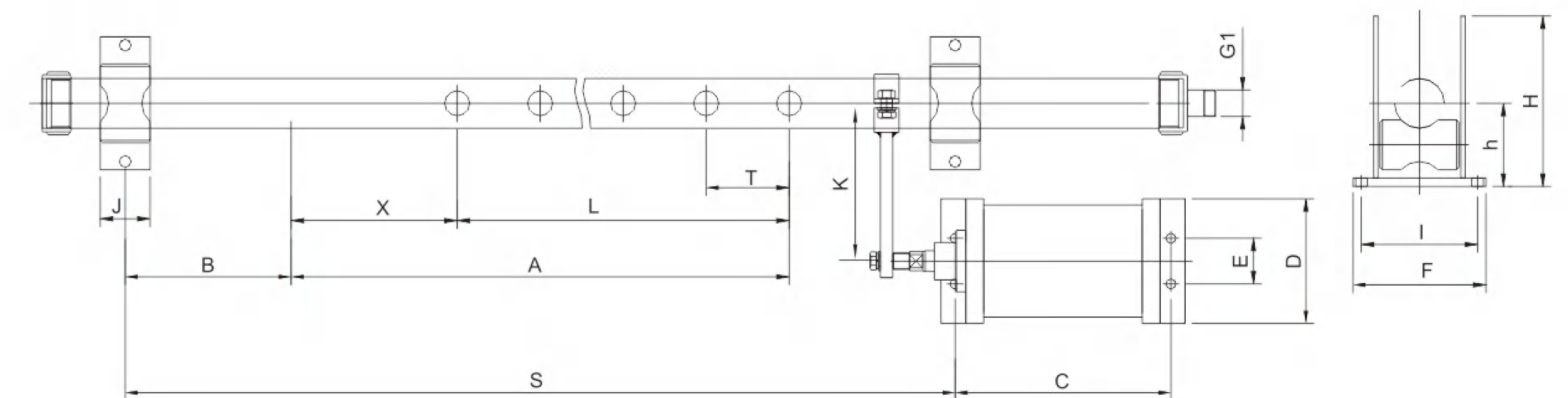
1. Total length of sprinkler pipe: W
2. Track gauge: S
3. Effective flushing: A
4. Total nozzle spacing: L
5. Distance from mouth: T
6. Schedule: X
7. Mouth model and aperture inlay



A. Straight Connect



B. Parallel Type



管径	C	D	E	F	J	I	h	H	G	K
φ42	260	150	55	130	50	105	85	130	1"	170
φ48	260	150	55	145	50	115	85	130	1"	170
φ60	260	150	55	145	50	115	85	130	1"	170
φ76	260	150	55	160	50	140	85	205	1"	190

Online Cleaning Device

The device consists of a reducer, single-sided or double-sided spray manifold, high-pressure rubber hose and hose drag chain, mobile trolley, frame, hood, and control box, and other components, suitable for the selection of paper machines for renovation

Working principle: The control box sends commands based on the speed of the paper machine to drive the deceleration motor, causing the moving car to drive the spray collection pipe to move back and forth at a certain speed within the set effective stroke.

Main technical parameters:

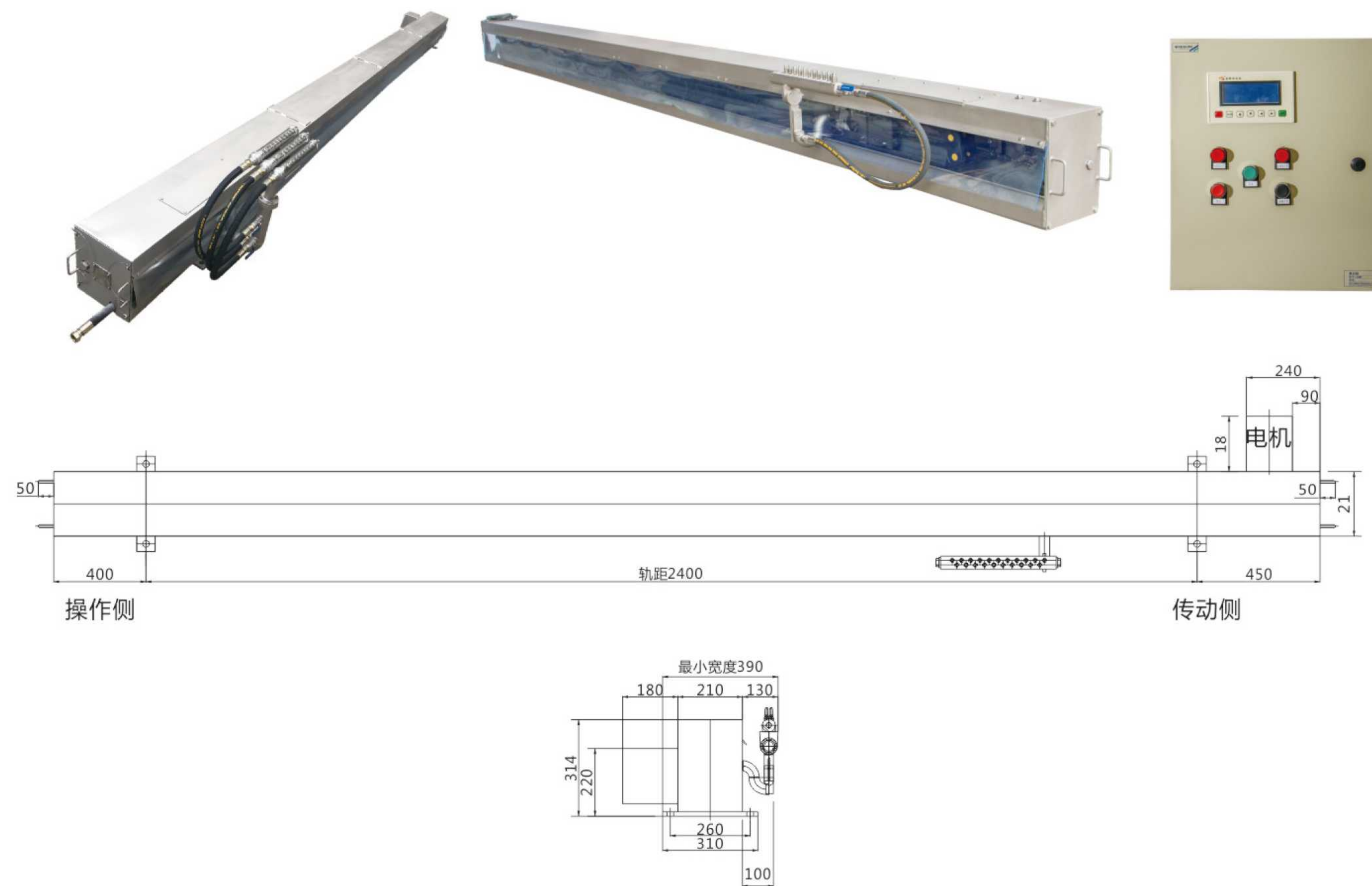
Applicable speed range: 50-2000m/min; Applicable range of paper machine: 1092-10000m; Operating speed range: 0.3-3.7m/min

Advantage:

1. When the nozzle of the paper machine is blocked or diverging during operation, the cleaning head can be opened for cleaning or replacement. Avoiding the inability to promptly handle high-pressure spray pipes due to nozzle blockage. The longitudinal stripes caused by the wire and felts.
2. Local cleaning of local dirt on the mesh blanket can be set up
3. Reduced the generation of water mist.
4. Clean three sets of sprinkler pipes. According to the water consumption or washing effect, a certain spray pipe can be closed or opened, effectively reducing paper machine breakage
6. The mesh blanket has high breathability, extended lifespan, and improved dehydration efficiency.
7. Reduce water and electricity consumption by 70-90%

Note: The following dimensions are provided by the user

1. Track gauge 2. Effective flushing



Dryer Stripper Spray Device (various roller washing, humidification, lubrication, etc.)

This device consists of a reducer, a single-sided or double-sided spray manifold, a high-pressure rubber hose and hose drag chain, a mobile trolley, a frame, a hood, and a control box. It is suitable for renovating paper machines.

Working principle: The control box sends instructions based on the speed of the paper machine to drive the reducer motor, so that the mobile trolley drives the spray manifold to move back and forth at a certain speed within the set effective stroke.

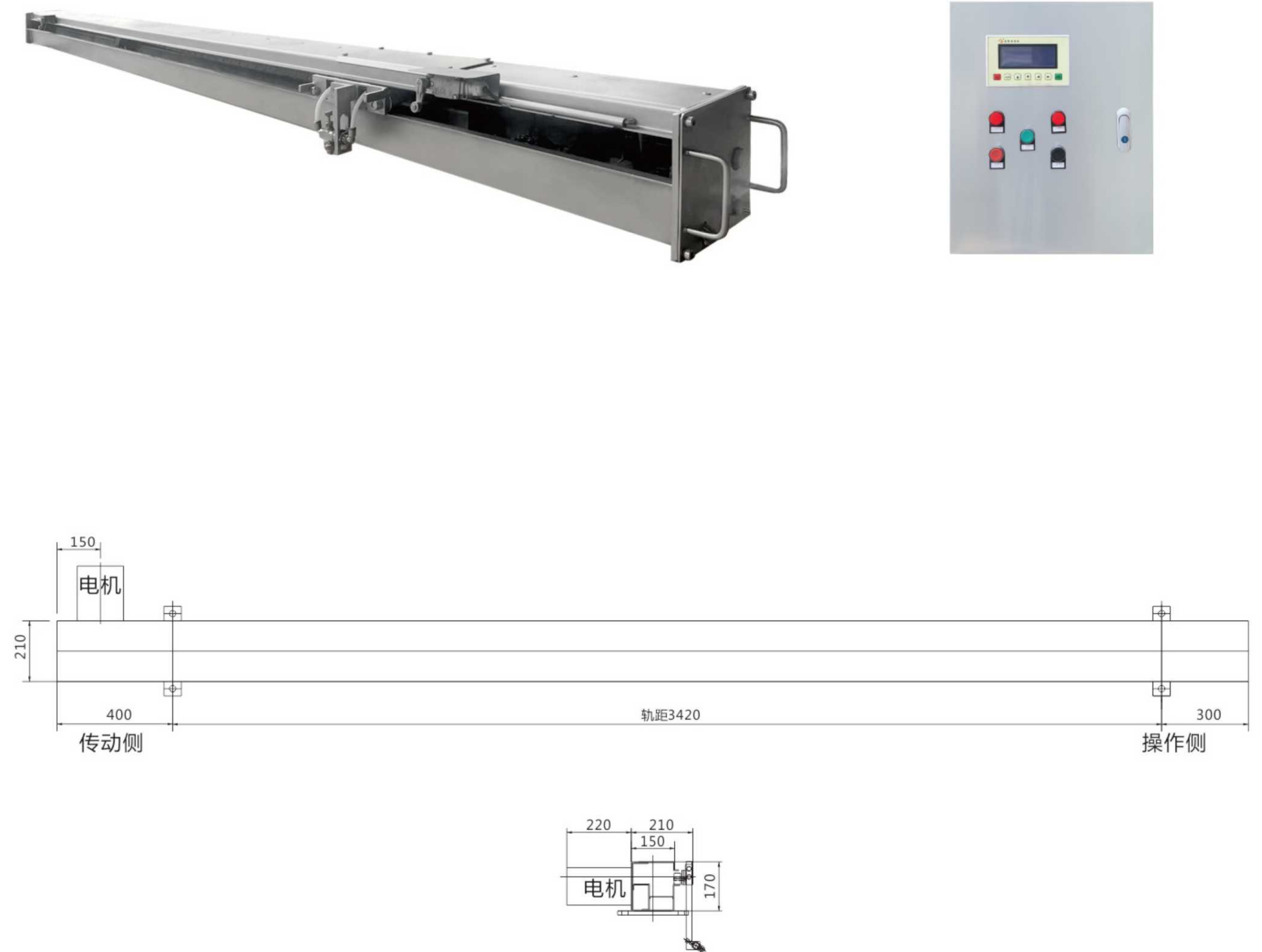
Main technical parameters:

Applicable speed range: 50-2000m/min
Applicable range of paper machine: 1092-10000m;
Operating speed range: 0.3-3.7m/min

Advantages: smooth operation, significant water-saving effect, small size, easy installation

Note: The following dimensions are provided by the user

1. Center distance 2. Effective spray

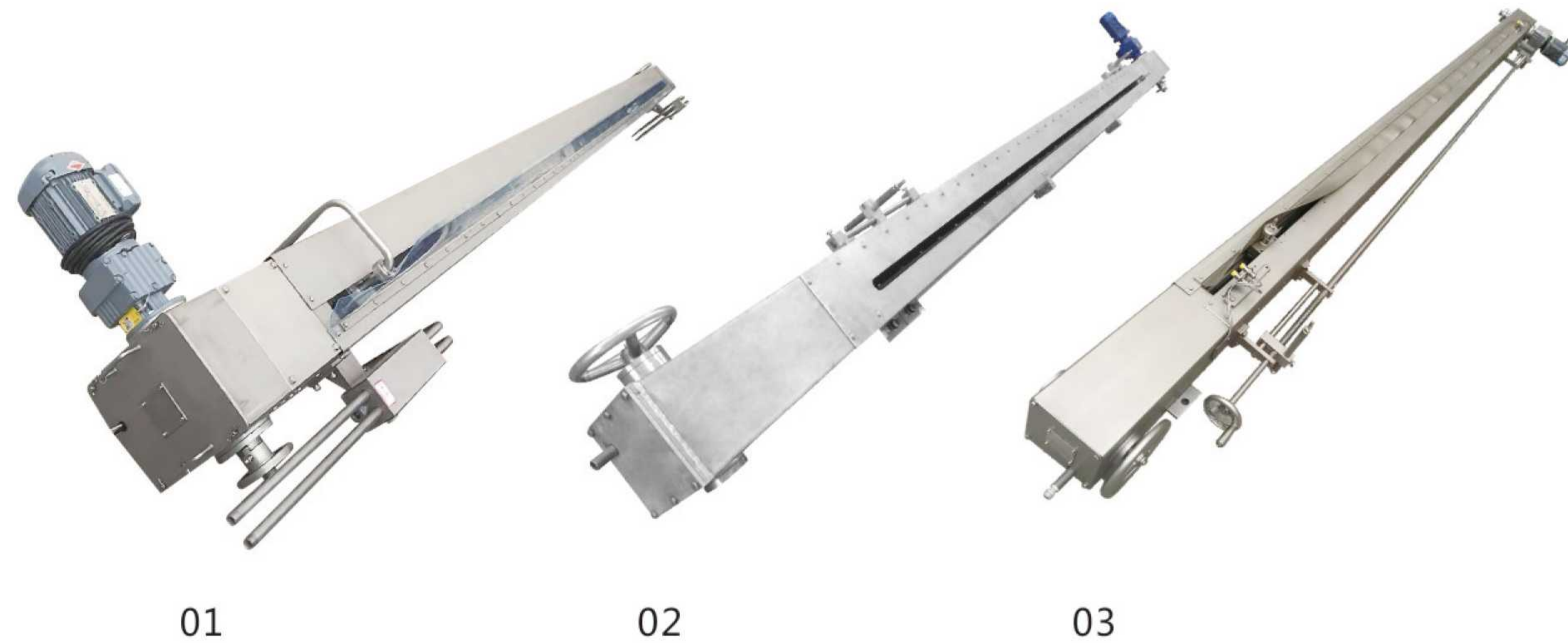


Paper Cutting Edge Water Needle Moving Device

The water needle nozzle can provide a straight needle shaped water flow under high pressure, cutting paper edges and trimming paper webs. It can avoid the paper edge pulling the entire paper and causing paper breakage and shutdown. The maximum pressure can reach 14Mpa, the maximum temperature can reach 120 °C, and the nozzle size ranges from 0.4mm to 1.2mm. When used for circulating water, it can be equipped with a filter to prevent nozzle blockage.

Features: 1. Adjust the position of the cutting water needle according to different paper types, paper web widths, and paper machine line speeds to reduce downtime caused by paper breakage. 2. Can reduce slurry splashing back+

Machine Speed (m/min)	Needle Size	Needle Hole Diameter	Paper Weight g/m ²
50-300		Φ0.8、Φ0.9、Φ1.0	500-1000
300-600		单孔Φ0.7、Φ0.8	300-500
600-1000		Φ0.5、Φ0.6	200-300
1000-1500		单(双)孔Φ0.4、Φ0.5	100-200
1500-2000		Φ0.3、Φ0.4	100-5



Box Type Edge Cutting Device

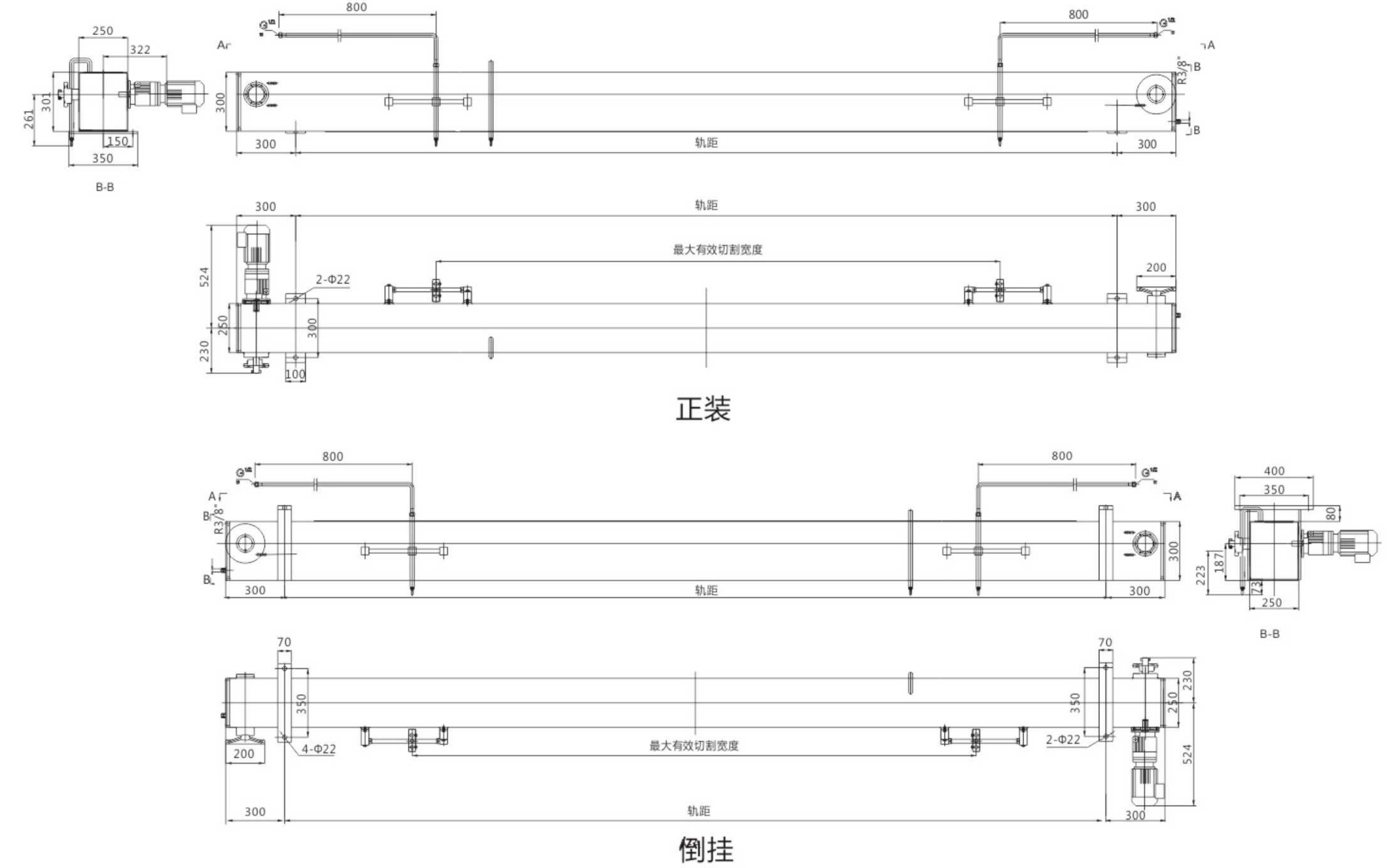


Double Pipe Electric Edge Cutting Device

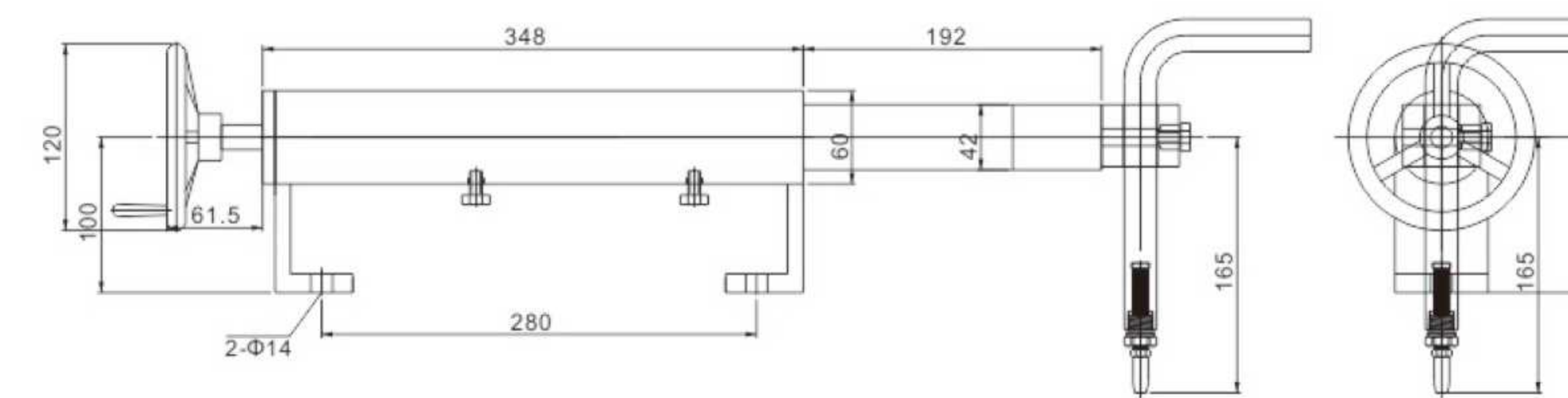
Needle Frequency Controller



Manual Needle Cutting Device



Manual Edge Cutting Needle



1. Adjust the position of the cutting water needle according to different paper types, paper web widths, and paper machine line speeds.
2. Simple and precise adjustment of the height and cutting direction of the cutting water needle to minimize the possibility of paper breakage.
3. Reduce downtime caused by paper breakage.
4. Multiple adjustments to cutting direction - banner direction adjustment, height adjustment, cutting direction adjustment.
5. Can reduce pulp splashing back.

Water Needle Edge Cutting Whole Device Flow Rate Data

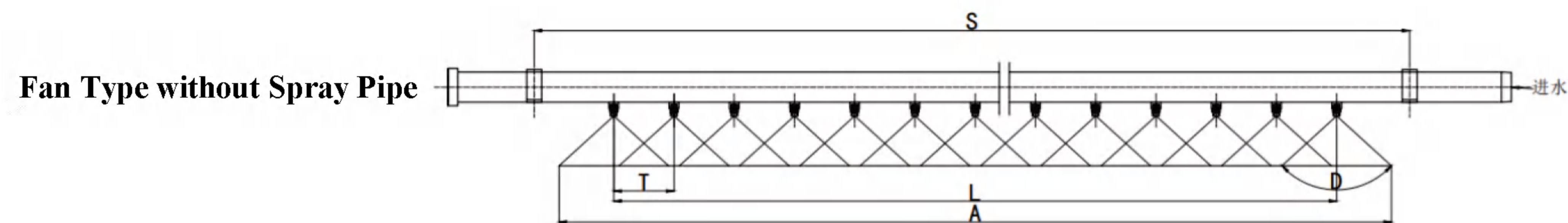
Nozzle No.	Hole Diameter (mm)	Flow Rate (L/min)									Filter Mesh
		0.3MPa	0.5MPa	1.0MPa	1.5MPa	2.0MPa	2.5MPa	3.0MPa	4.0MPa	5.0MPa	
0.4	0.4	0.12	0.15	0.22	0.27	0.31	0.34	0.37	0.43	0.48	60
0.5	0.5	0.19	0.24	0.34	0.42	0.48	0.53	0.48	0.67	0.75	
0.6	0.6	0.27	0.35	0.49	0.60	0.69	0.77	0.84	0.97	1.09	
0.7	0.7	0.36	0.47	0.66	0.81	0.97	1.05	1.15	1.33	1.48	80
0.8	0.8	0.48	0.61	0.87	1.06	1.23	1.37	1.50	1.73	1.94	
0.9	0.9	0.60	0.78	1.10	1.35	1.55	1.73	1.90	2.19	2.45	
1.0	1.0	0.74	0.96	1.36	1.66	1.92	2.14	2.35	2.71	3.03	
1.2	1.2	1.07	1.38	1.95	2.30	2.76	3.08	3.38	3.90	4.36	

Fan Shaped Brush Spray Pipe

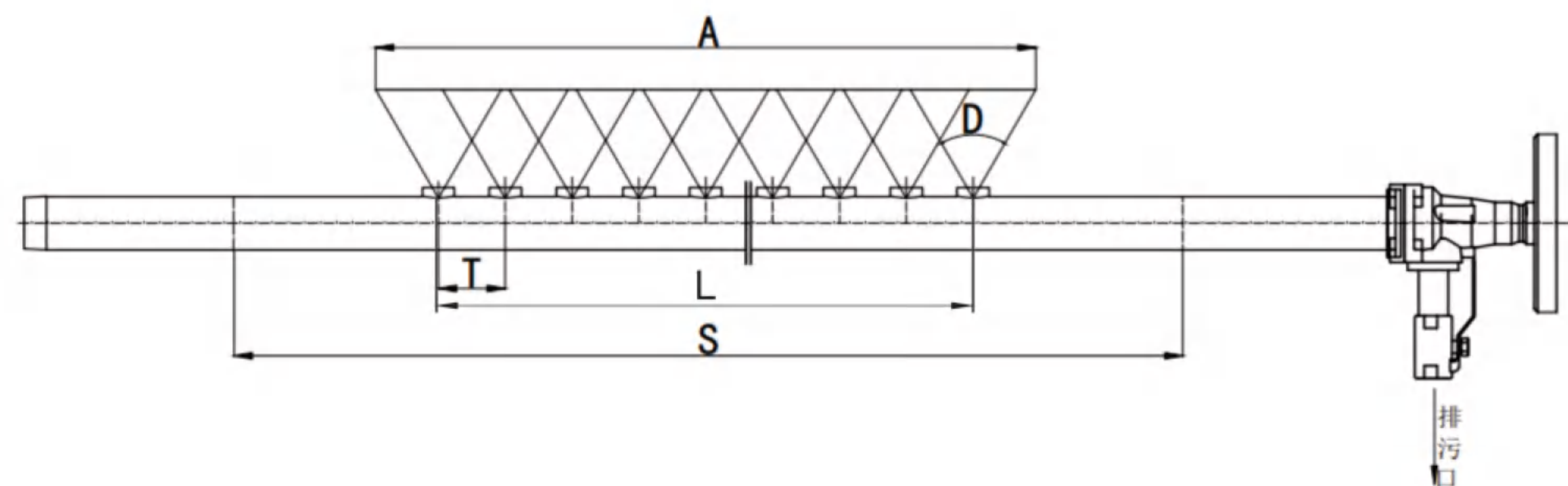
The collection pipe washing device with a brush can greatly reduce the water consumption per ton of paper, and is a non clogging, high-efficiency spray system for washing nets and blankets. There are three types of stainless steel spray pipes - automatic brush type, manual brush type, and brushless type. During the cleaning cycle, the brush cleans the interior of the manifold and nozzle mouth. Clear the accumulated debris in a few seconds and discharge it through a flushing valve to restore full flow of liquid to the system without contaminating the sprayed surface. In addition, the brush does not interfere with the nozzle inlet and does not affect their performance when the discharge valve is in the fully operational position.

Features:

1. Specially designed disc-shaped convex nozzle (angle flow rate can meet the requirements of the mesh pressing section);
2. Built in steel brush, with an external rotating handle, only need to rotate the brush once a day per shift;
3. Alternatively, an electric device can be used to automatically clean the nozzle with a steel brush at regular intervals;
4. Low pressure fan-shaped and high-pressure needle type brush tubes are used together with various mobile devices for easier operation and better flushing effect.
5. It can be customized according to the size of the paper machine.



Fan Type without Spray Pipe



Fan Type with Spray Pipe

管径	适用网宽A	管长S	不带刷端口	不带刷喷嘴型号	带刷喷嘴型号
Φ34	1350-5600	S+300	封盖1"	SX025或SX020	SX050或SX003
Φ42	1350-5600	S+300	封盖1-1/4"	SX025或SX020	SX050或SX003
Φ60	2400-7200	S+300	封盖2"	SX025或SX020	SX050或SX003
Φ76	3400-7300	S+300	封盖2-1/2"	SX025或SX020	SX050或SX003
Φ89	4200-8200	S+300	封盖3"	SX025或SX020	SX050或SX003
Φ108	5400-9000	S+300		SX025或SX020	SX050或SX003

Note: The following dimensions are provided by the user

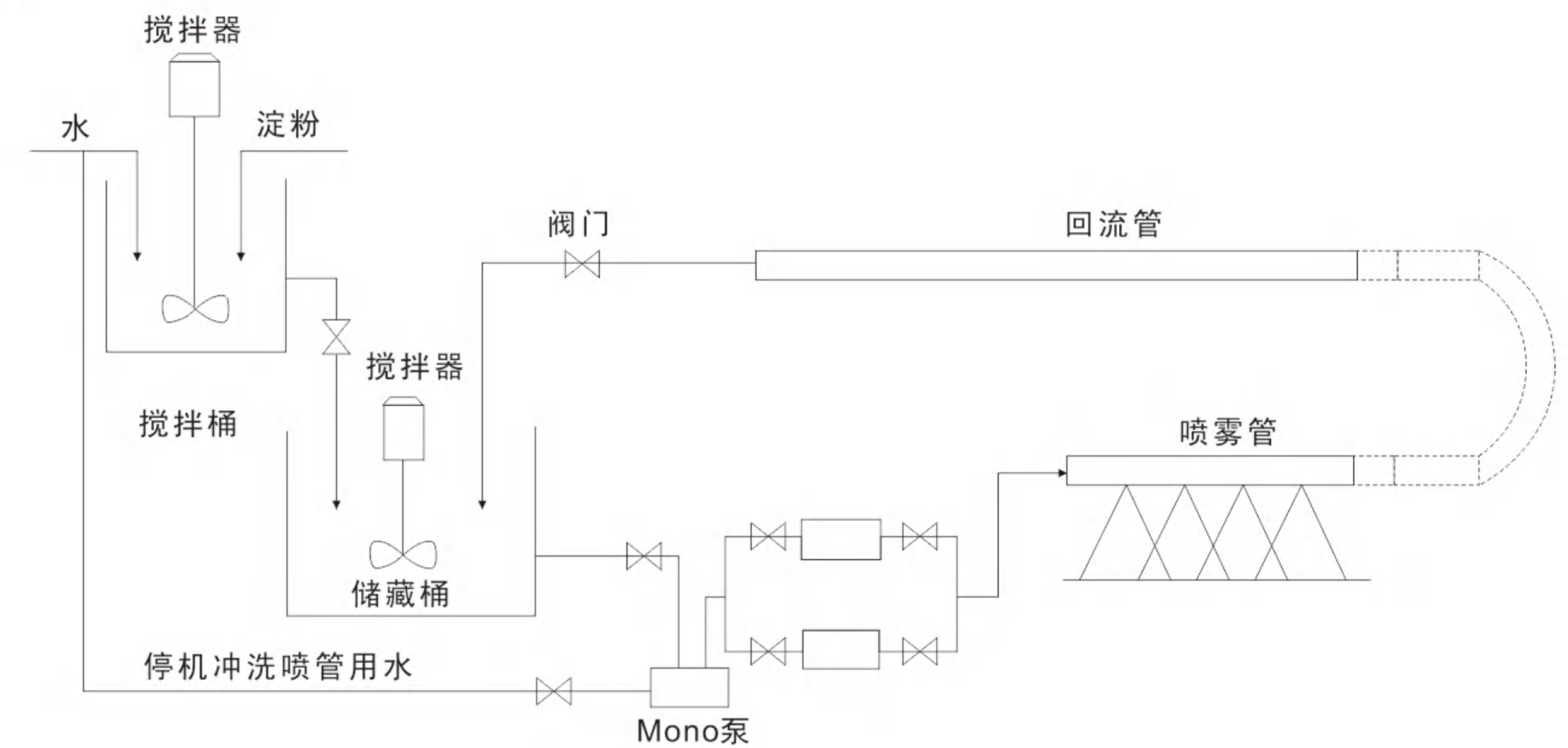
1. Track gauge: S
2. Nozzle spacing: T
3. Effective flushing: A
4. Total nozzle spacing: L
5. Nozzle angle: D

Complete set of Starch Spray Device

In the production of paper, the application of spray starch is recognized as the most effective method to improve the physical properties of paper and paperboard, such as stiffness, ring crush strength, interlayer adhesion and surface strength. The starch spray nozzle can produce uniform and fine hollow cone atomization. It is suitable for surface spray and interlayer spray of newsprint, paperboard, sand tube paper and corrugated paper. It is composed of a ceramic chip nozzle, a stainless steel body, and a stainless steel guard ring, and can be equipped with a stainless steel welding base. The orifice plate and the disc core can be combined into different flow rates and spray angles to meet the different needs of users. Through continuous use and testing by many enterprises, it is shown that the flow rate, spray angle, coverage, spray droplet size, namely, atomization, damage resistance, and service life all reach the international equivalent spray effect and advanced level. The commonly used starch nozzles at present are: 4-23, 4-25, 5-23, suitable for thin paper with low flow rate and low basis weight; White board paper and box board paper suitable for medium flow include: 5-25, 4-25; Suitable for defoaming large flow and garden net slurry surfaces include: 5-45, 6-45.

Use Method: First put 80% water in the mixing bucket, start the mixer, pour starch in proportion (1-10% specific proportion is determined by the user), disperse the starch spray starch into suspension, mix evenly, after 60 mesh screening, put it into the storage bucket for use, and then press spray in the paper after 100 mesh filtering, install a pressure regulating valve between the spray and the pump to control the best atomization state

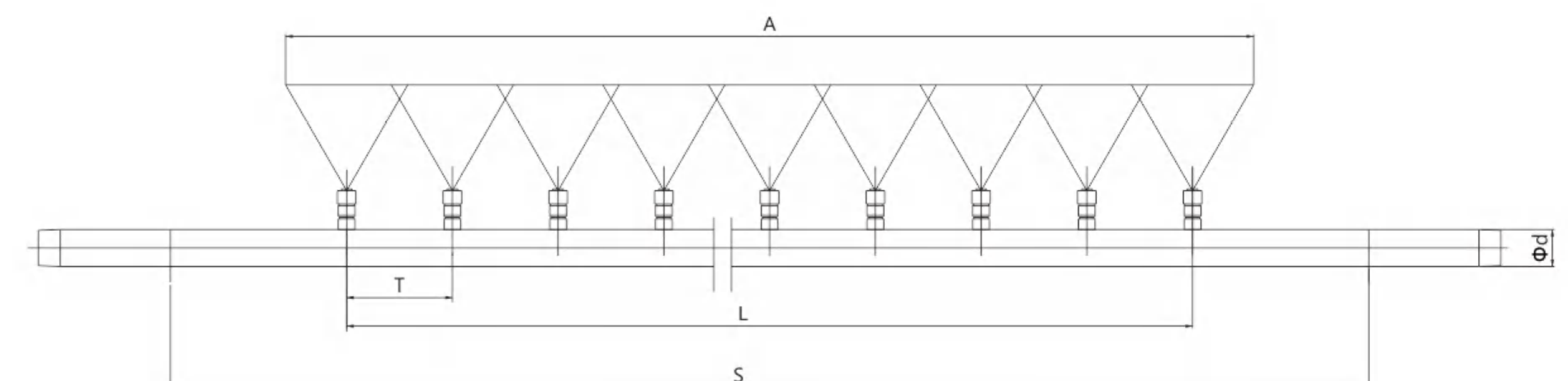
Process Flowchart:



Spray Working Process

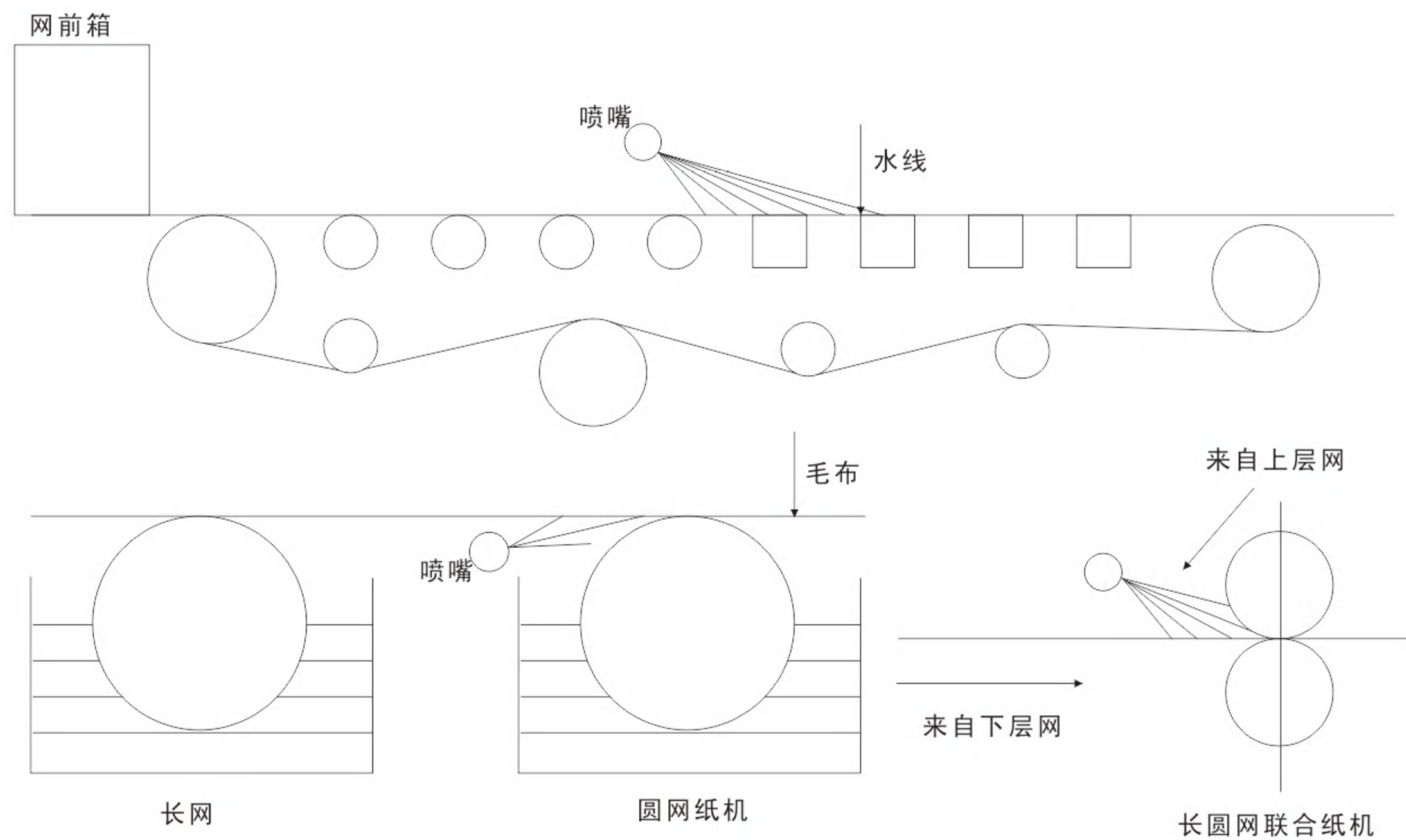
Spray method:

Generally, the low-pressure airless method is used to achieve the purpose of uniform spray through pressure control. The pressure should be controlled at 1.8-3.0kg/cm² (usually 2.2kg/cm²). If it is lower than 1.8kg/cm², due to poor atomization. If it is higher than 3kg/cm², it will damage the formation of paper. The distance between nozzles is 120-200mm. The distance between the nozzle and the net depends on the condition of the paper covered by spray (see figure). In order to reduce the loss of atomized starch and maintain the uniformity of spray, the angle of nozzle and nozzle can be properly adjusted.



The quality of atomization directly affects the effectiveness of use, so controlling atomization is crucial. In addition, at least 1/3 of the starch liquid recycled from the spray back to the starch pulp preparation system, that is, only 2/3 of the starch spray is on the paper or paperboard.

Spray place: The spray point of starch varies with the conditions and application purposes of the paper machine. For fourdrinier, rotary screen and fourdrinier combined paper machines, typical addition points are shown in Figure 3.



Spray Starch in Different Paper

Spray amount The amount of starch spray is determined according to the actual needs, generally about 1g/m per layer. When the speed of the paper machine is fixed, it is generally adjusted by the starch slurry concentration, which is generally controlled between 1~10% (changes with the speed of the paper machine) - generally, the amount used as interlayer reinforcement can be lower (the slurry concentration is about 2~3%). When it is used as an index to improve the internal bonding strength or surface strength, the amount used should be appropriately higher, especially when it is used to improve the stiffness index, the slurry concentration should be more than 5%.



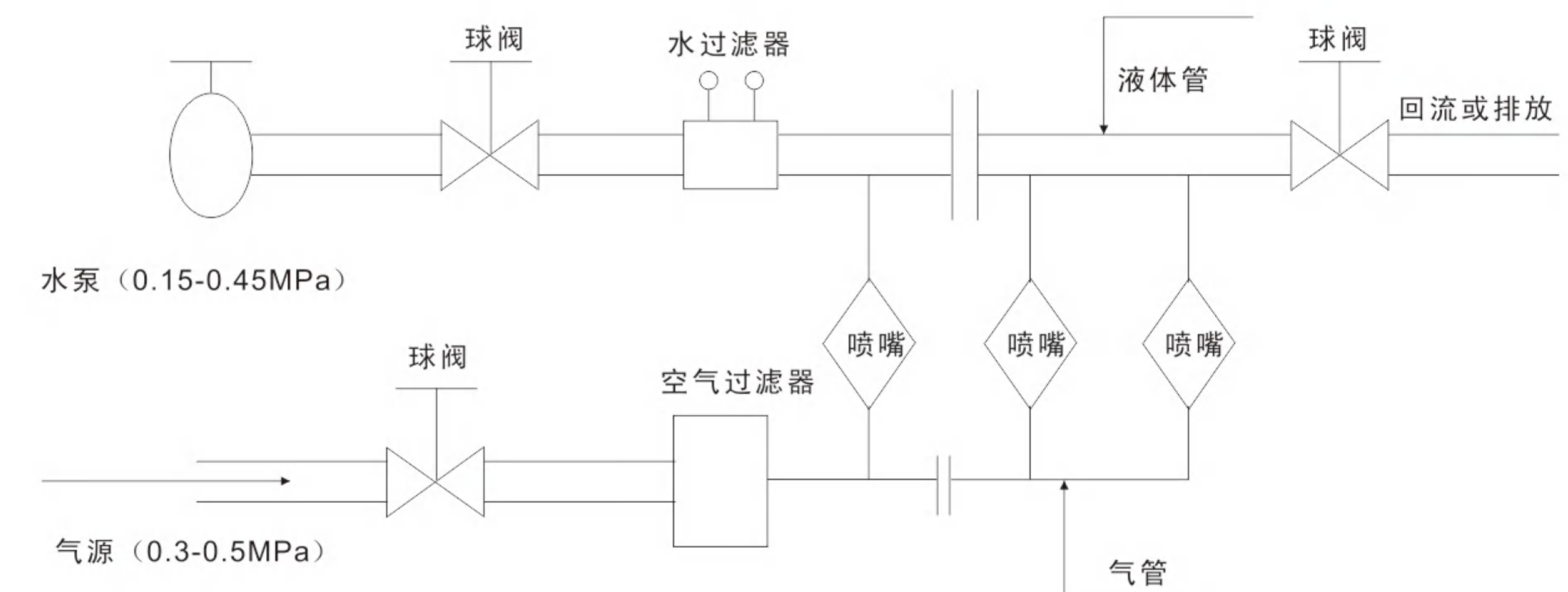
Complete set of Air spray Device

In the production of paper and cardboard, the application of air atomization is currently a fully adjustable humidification method. Medication, dyeing, and surface gluing are the most effective ways to improve the strength of paper. The device with such effect can improve the stripping effect of paper and drying cylinder, overcome the damage of spray on paper surface, and improve the paper surface. The nozzle mixes gas and liquid, and produces a completely correct spray effect when mixing inside or outside the nozzle. Liquid is transported by pressure or siphon jet, gas is transported by compressed air, and the nozzle is equipped with a cleaning or shut-off needle valve inside. Flow rate: The liquid enters the control valve through a water pump, passes through a water filter, and then connects to one end of the nozzle in parallel. Finally, the pressure is controlled at 0.1-0.2Mpa using a reflux or discharge valve. The gas control valve passes through an air filter and then connects to the other end of the nozzle in parallel without a discharge valve. The pressure is adjusted to 0.3-0.4Mpa.

Matters needing attention:

1. Do not confuse the liquid inlet and gas inlet of the nozzle.
2. The pressure of liquid and gas should be well coordinated. If the liquid pressure is too high, atomization will not be good. If the gas pressure is too high, it will cause the liquid to not enter and there will be gas but no mist.
3. In the actual operation process, the distance of the sprayed object should be considered, which is about 250-500mm. First adjust the liquid and gas control valves, and then adjust the nozzle adjustment valve needle after the effect is similar.
4. The liquid should be refluxed, otherwise the liquid will become hot and the water pump will burn out.

Air Spray Device Working Process

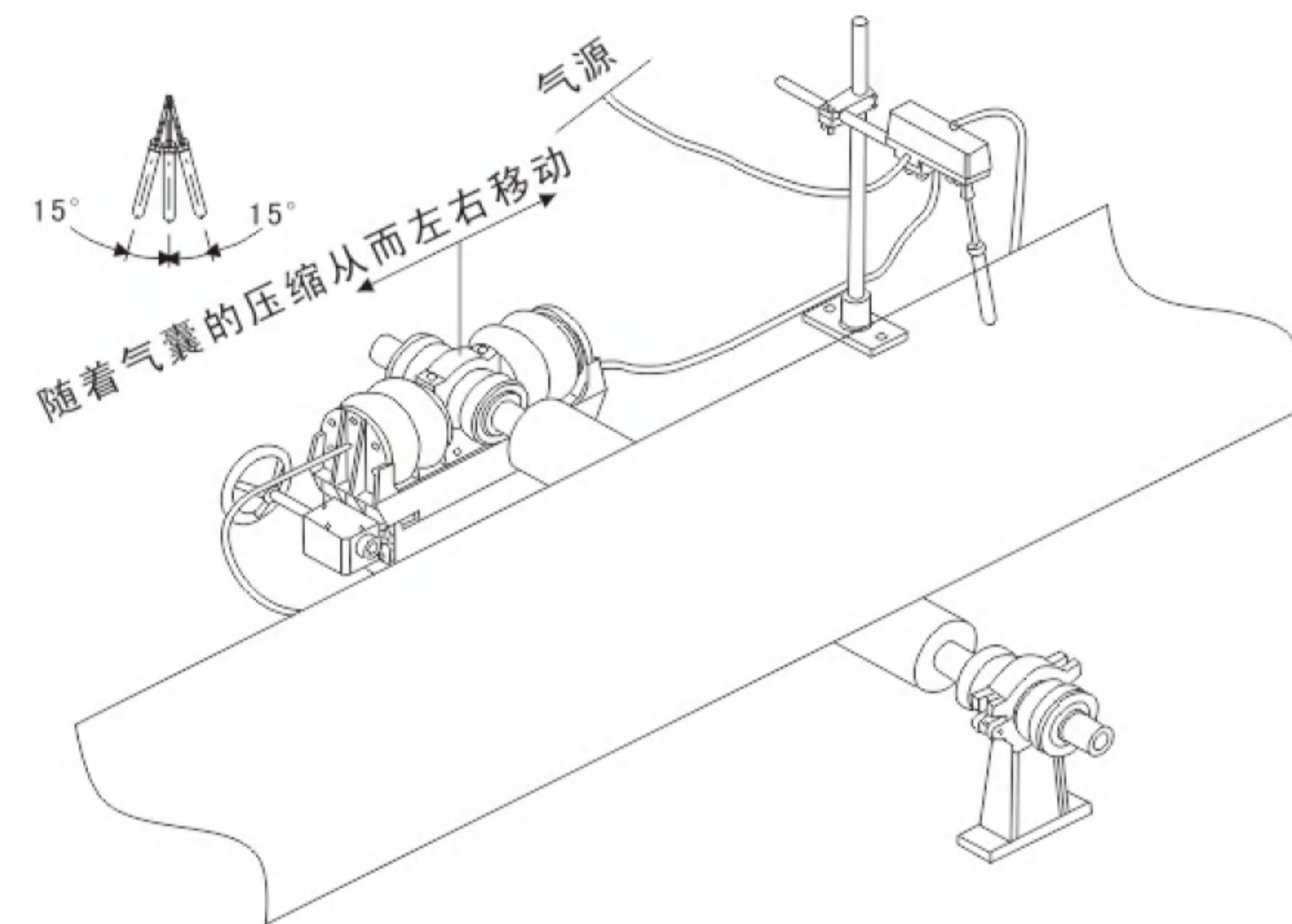


Pneumatic Felt& Wire Corrector Device

The pneumatic felt and wire correction device is composed of a signal sensor and a pneumatic actuator, which are used together to drive the guide roller, control the offset of the wire and felts, and find the equilibrium point in the shortest possible time to achieve its stable operation. Its biggest advantages include small size, good stability, and strong reliability. It can replace imported products and is widely used in industries such as papermaking, textiles, and metallurgy.

Main Technical Parameters:

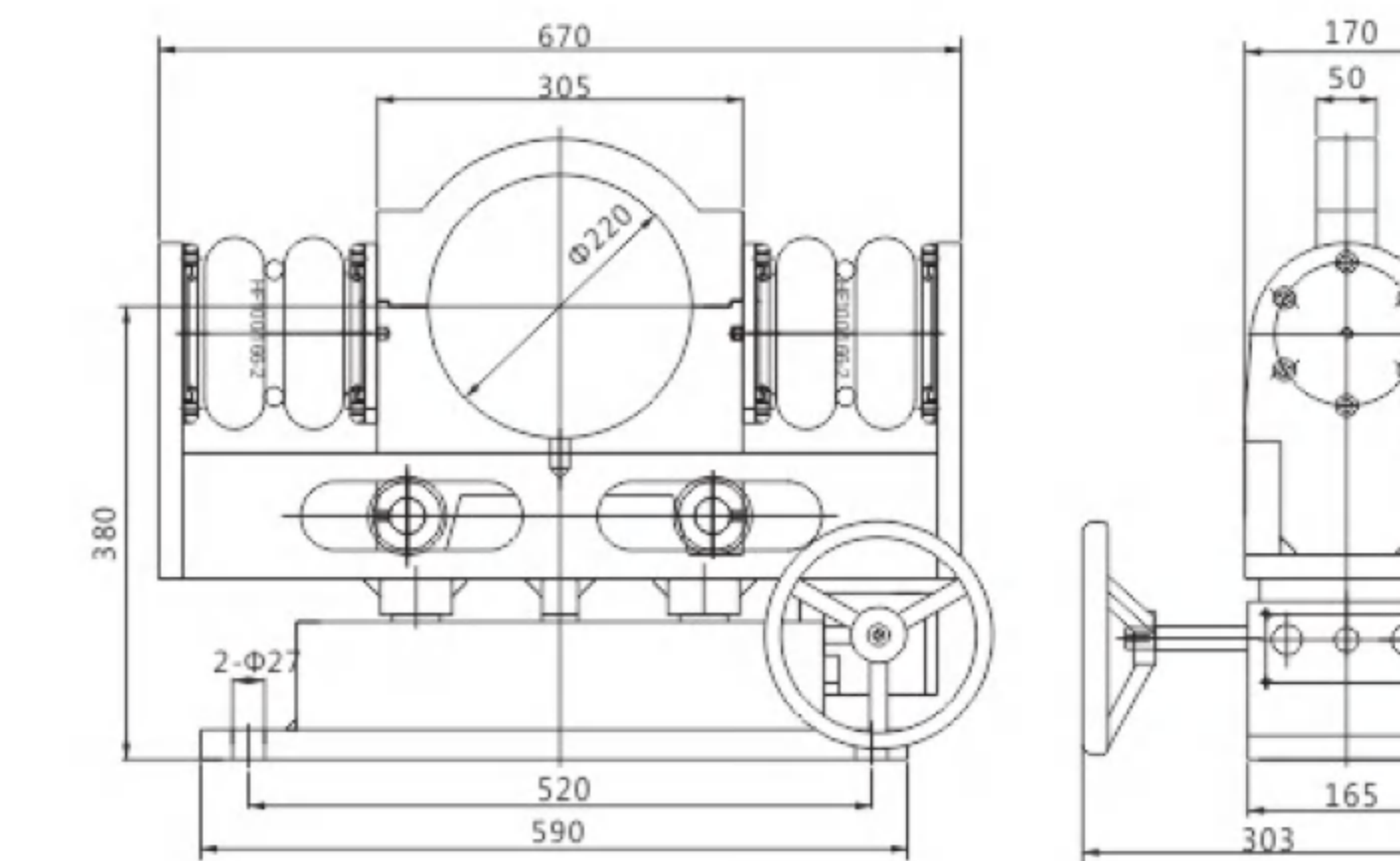
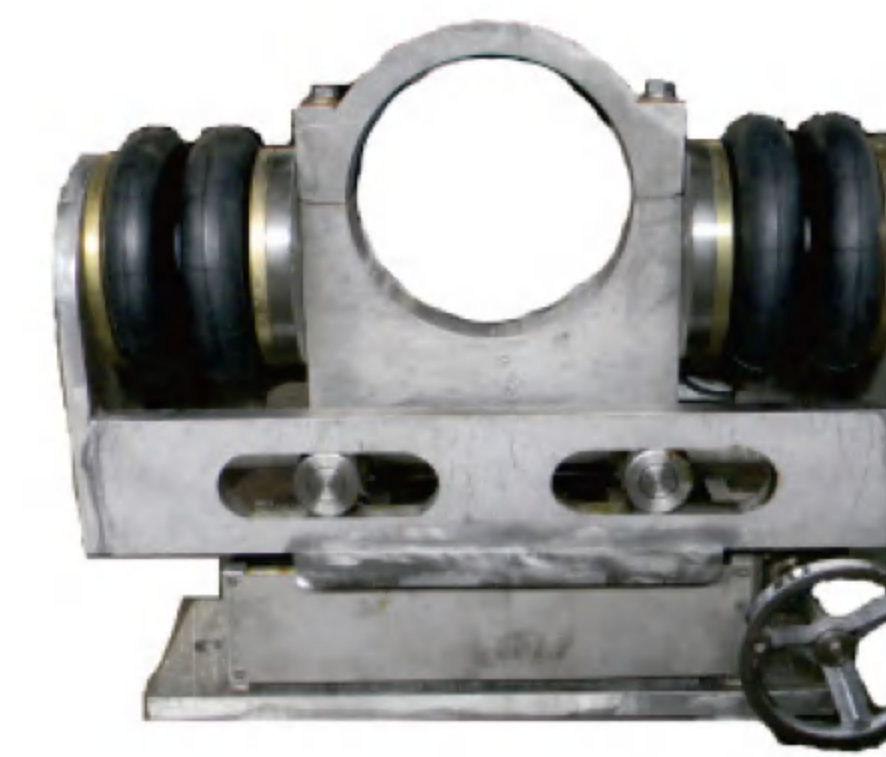
- (1) Gas source pressure: 0.2Mpa-0.5Mpa
- (2) Shaft displacement: 45 °
- (3) Paper machine frame width: 1092-6000mm
- (4) Running speed of mesh blanket: ≤ 1800m/min
- (5) Movement of guide roller bearing seat: 75mm
- (6) Air consumption: 1000L/h



Ordering instructions:

1. Corrector model
2. Diameter of guide roller bearing shell
3. Frame width
4. Paper machine speed
5. Weight of guide roller
6. Correctors with different types of tension force

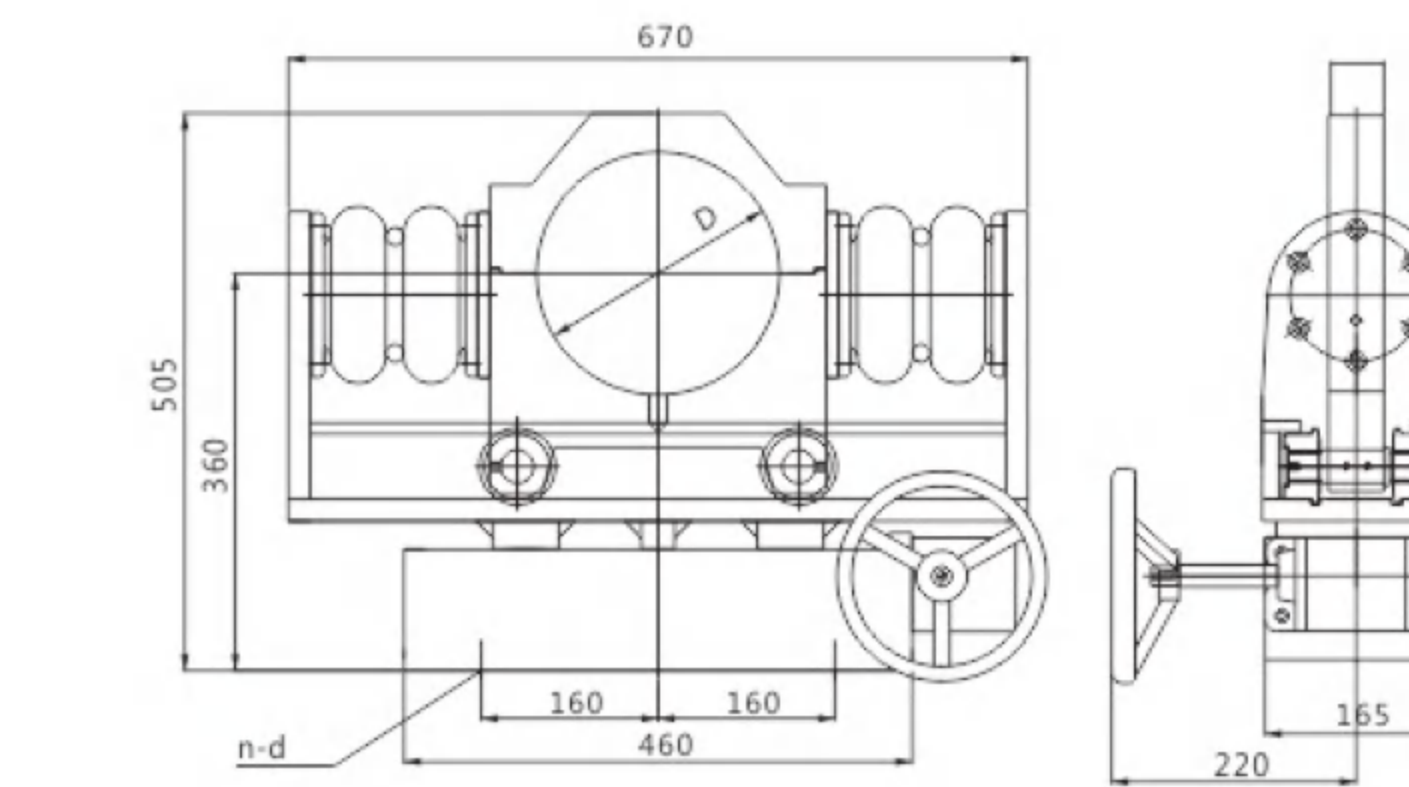
A-01 Type Moveable Seat



Material:
Carbon Steel, Stainless Steel

Paper Machine Frame
1092-5600mm

A-02 Type Moveable Seat



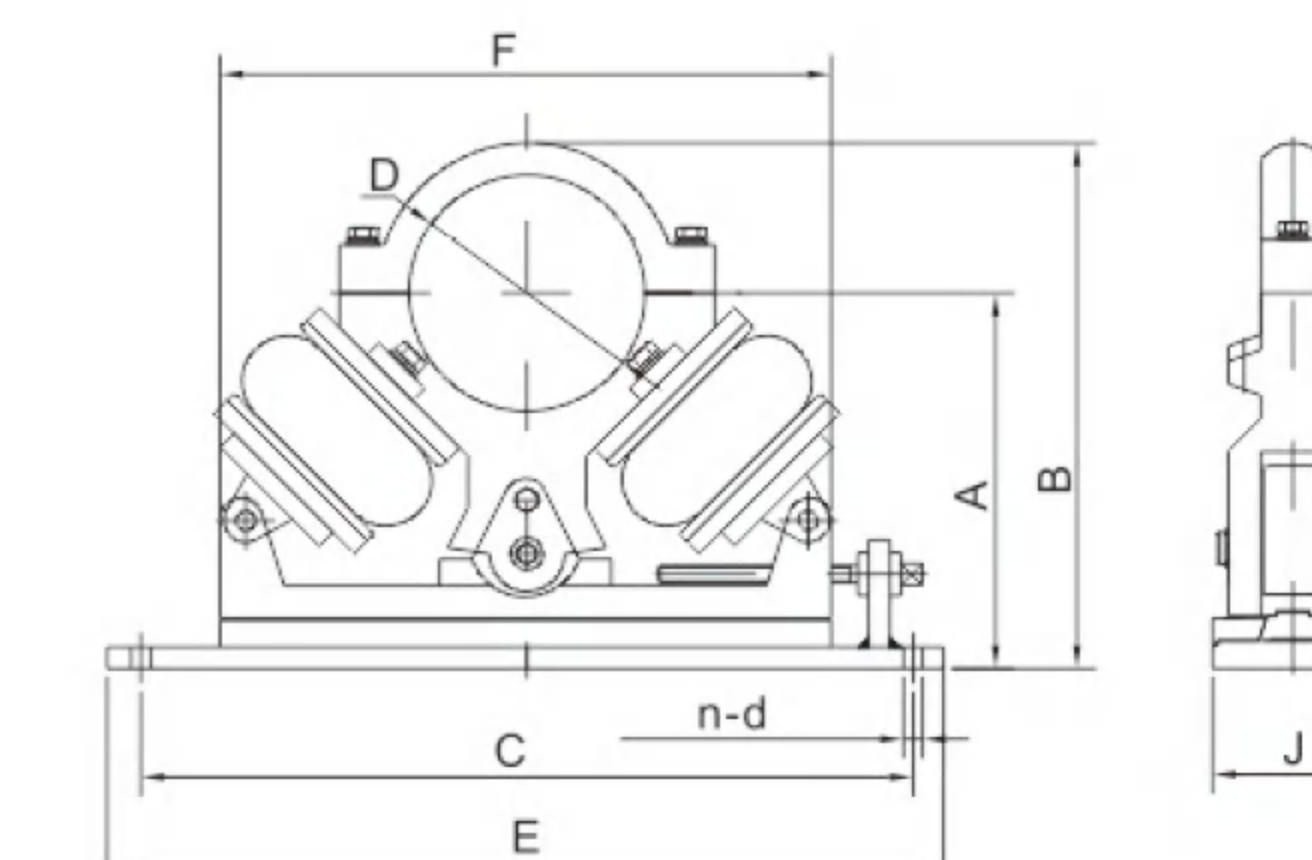
Material:
Carbon Steel, Stainless Steel

Paper Machine Frame
1092-5600mm

A-02 Type Moveable Seat Dimension Parameter

D	A	B	C	E	F	G	I	J	n-d
Φ100	300	370	160	460	40	510	220	175	3-Φ22
Φ110	300	370	160	460	40	510	220	175	3-Φ22
Φ120	320	380	160	460	40	520	220	175	3-Φ22
Φ125	320	380	160	460	40	540	220	175	3-Φ22
Φ130	320	385	160	460	40	540	220	175	3-Φ22
Φ140	330	390	160	460	40	570	220	180	3-Φ22
Φ150	330	390	160	460	50	570	220	180	3-Φ22
Φ160	330	390	160	460	50	570	220	180	3-Φ22
Φ170	350	410	160	460	50	600	220	180	3-Φ22
Φ180	350	410	160	460	50	600	220	180	3-Φ22
Φ190	350	410	160	460	50	640	220	180	3-Φ22
Φ200	370	420	160	460	50	650	220	180	3-Φ22
Φ210	380	430	160	460	50	660	220	180	3-Φ22
Φ220	380	430	160	460	50	680	220	180	3-Φ22
Φ230	390	445	160	460	60	700	220	180	3-Φ22
Φ240	400	480	160	500	60	700	220	180	3-Φ22
Φ260	430	510	160	520	60	780	220	180	3-Φ22
Φ280	440	530	160	520	60	780	220	180	3-Φ22

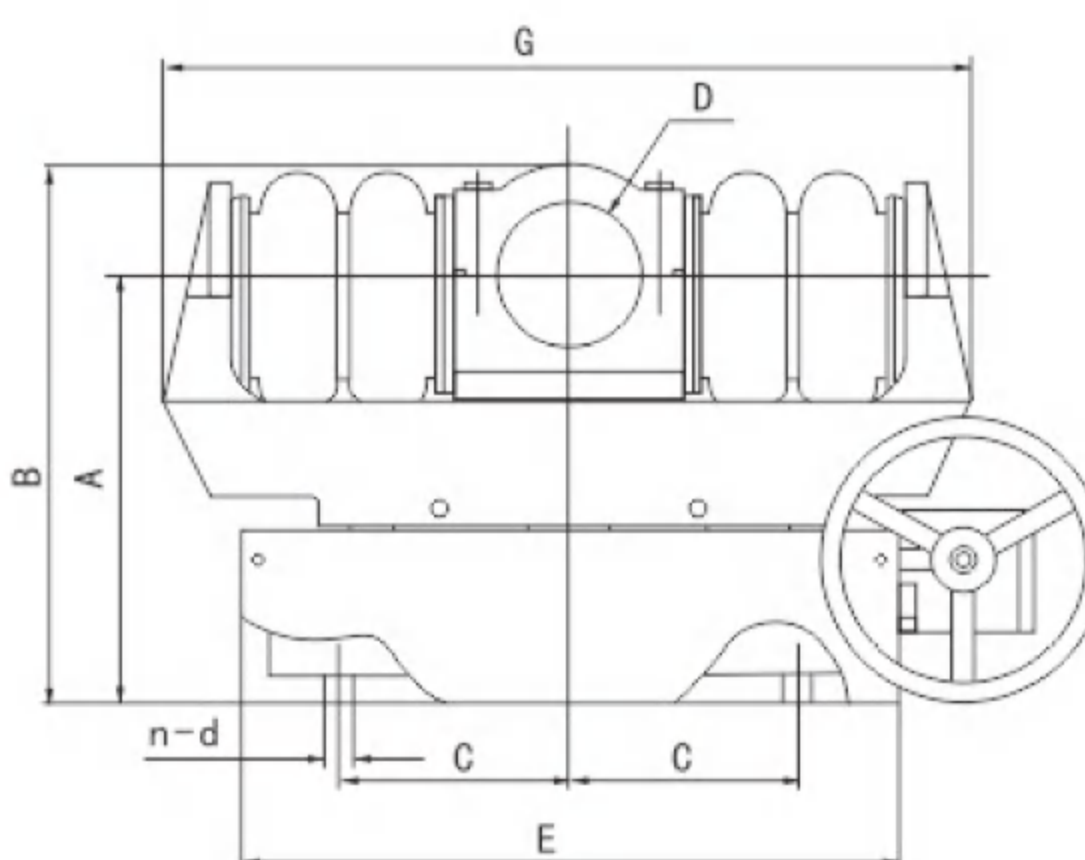
B Type Moveable Seat



Material:
Cast Iron, Stainless Steel

Paper Machine Frame
1092-6000mm

A Type Moveable Seat



Material: Cast Iron

Paper Machine Frame
1092-5600mm

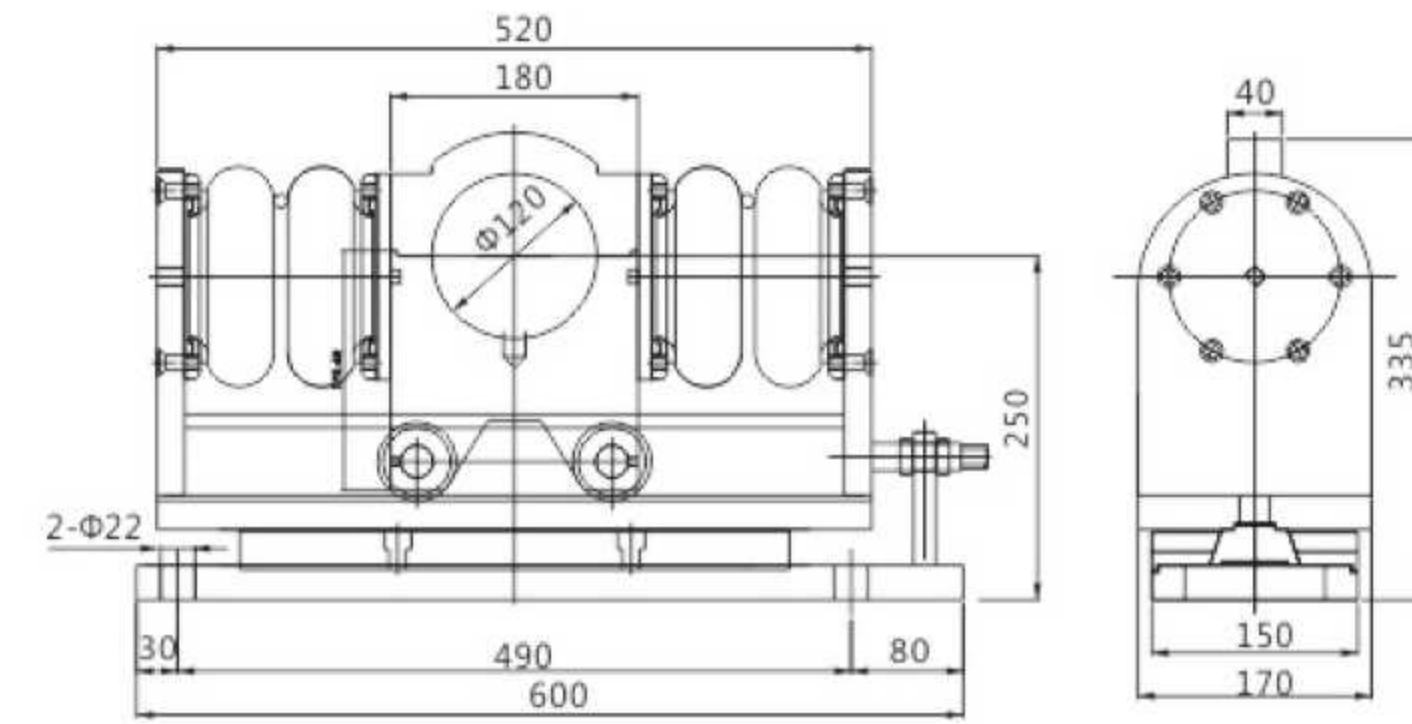
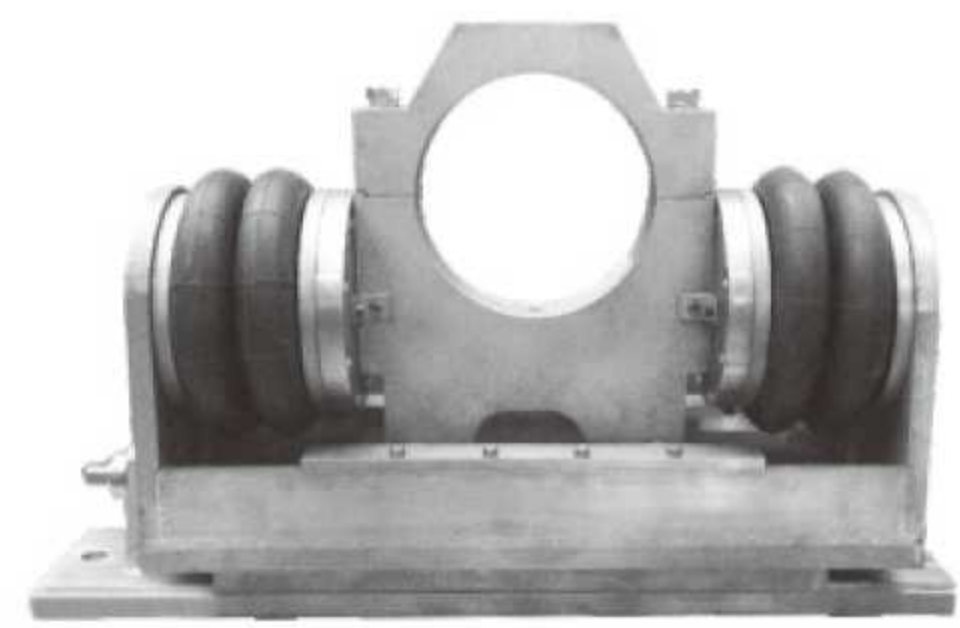
A Type Moveable Seat Dimension Parameter

D	A	B	C	E	F	G	I	J	n-d
100	300	375	160	460	325	580	175	220	3-Φ20
110	300	375	160	460	325	580	175	220	3-Φ20
120	300	380	160	460	325	580	175	220	3-Φ20
125	300	380	160	460	325	580	175	220	3-Φ20
130	300	400	160	460	325	580	175	220	3-Φ20
140	305	400	160	460	325	580	180	220	3-Φ20
150	305	425	160	460	325	620	180	220	3-Φ20
160	305	425	160	460	325	620	180	220	3-Φ20
160	335	450	160	460	325	670	180	220	3-Φ20
170	335	460	160	460	325	670	180	220	3-Φ20
180	333	460	160	460	325	670	180	220	3-Φ20
190	360	480	160	460	325	725	180	220	3-Φ20
200	360	500	160	460	325	725	180	220	3-Φ20
210	360	500	160	460	325	725	180	220	3-Φ20
220	360	530	160	460	325	725	180	220	3-Φ20
240	360	530	160	460	325	725	180	220	3-Φ20

B Type Moveable Seat Dimension Parameter

D	A	B	C	E	F	J	n-d
100	350	430	720	780	570	150	2-Φ24
110	350	440	720	780	570	150	2-Φ24
120	350	450	720	780	570	150	2-Φ24
130	350	460	720	780	570	150	2-Φ24
150	350	470	720	780	570	150	2-Φ24
180	360	480	720	780	570	150	2-Φ24
200	360	500	720	780	570	150	2-Φ24
220	360	480	720	780	570	150	2-Φ24
220	410	550	720	780	570	150	2-Φ24

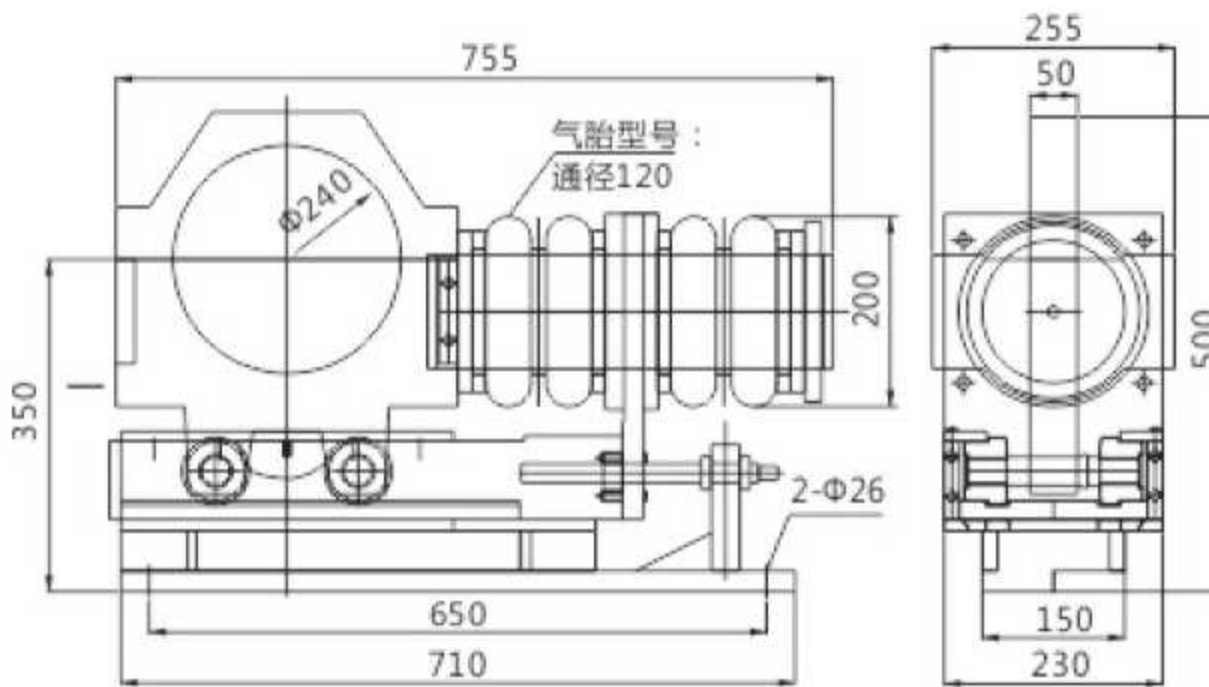
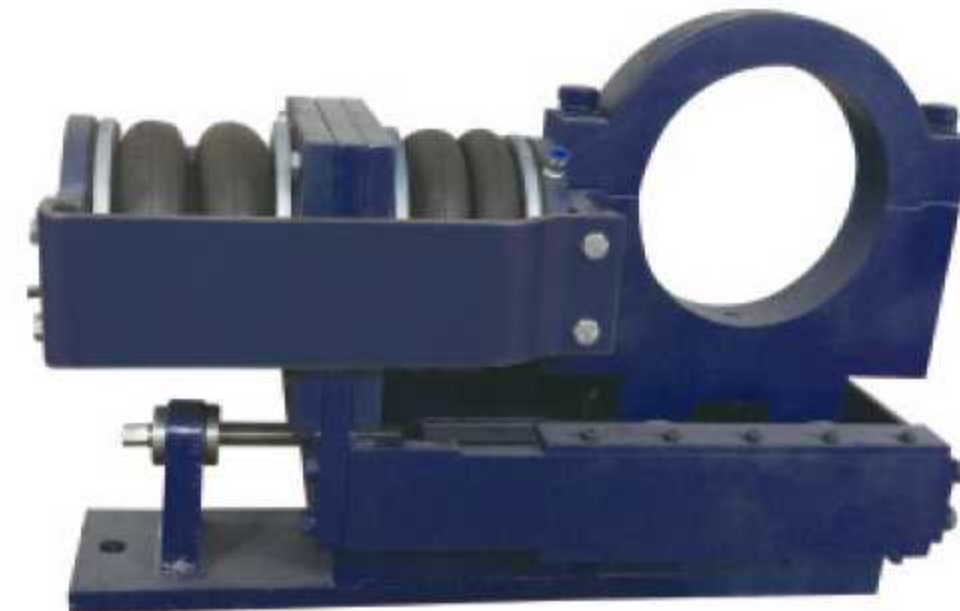
B-01 Type Moveable Seat



Material:
Stainless Steel

Paper Machine Frame
1092-6000mm

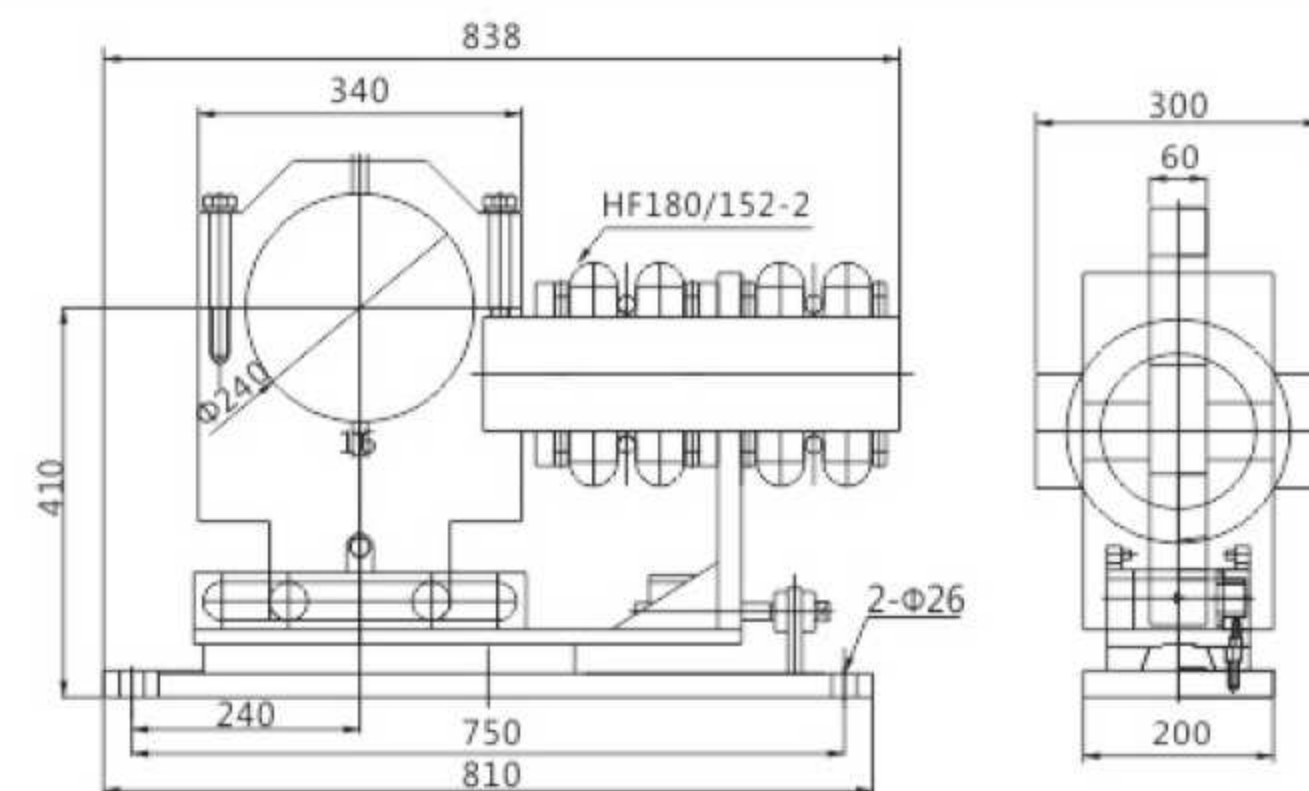
C Type Moveable Seat



Material:
Carbon Steel, Stainless Steel

Paper Machine Frame
3600-8000mm

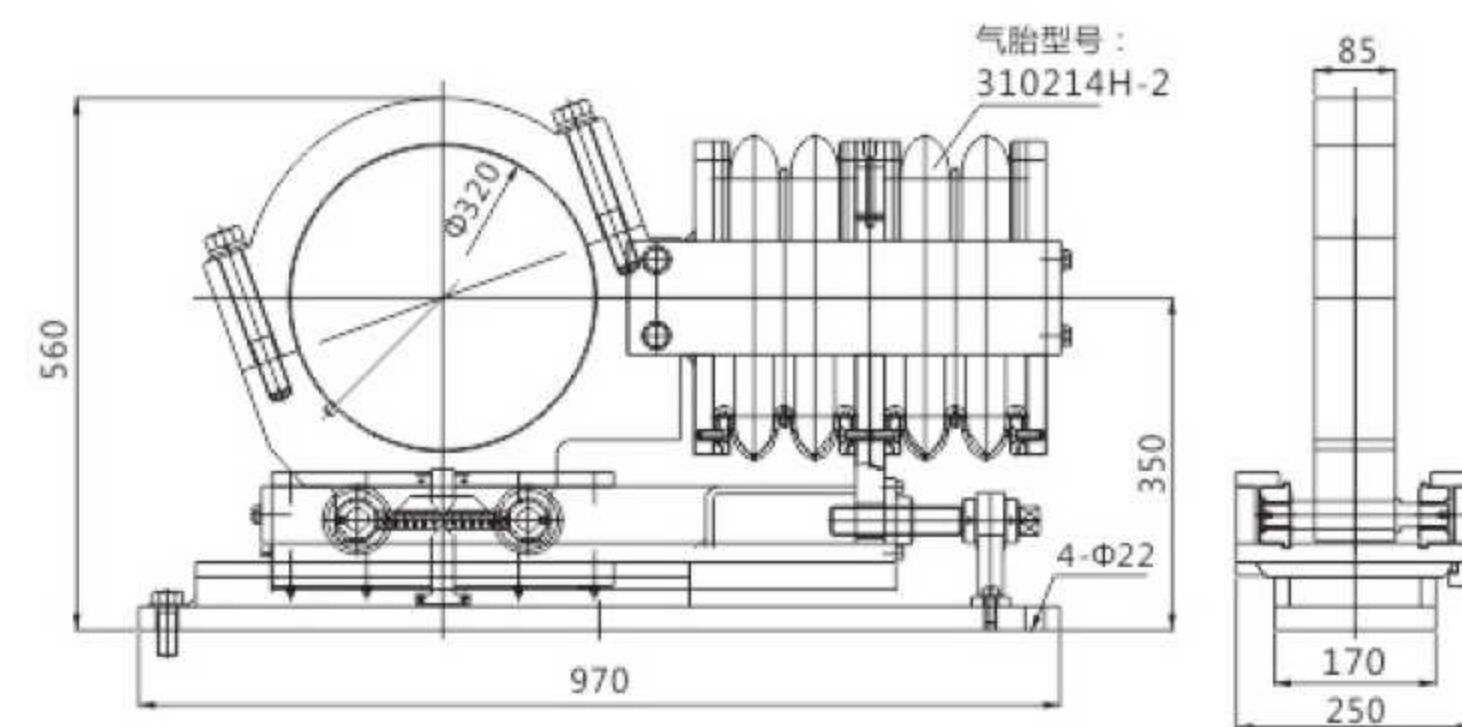
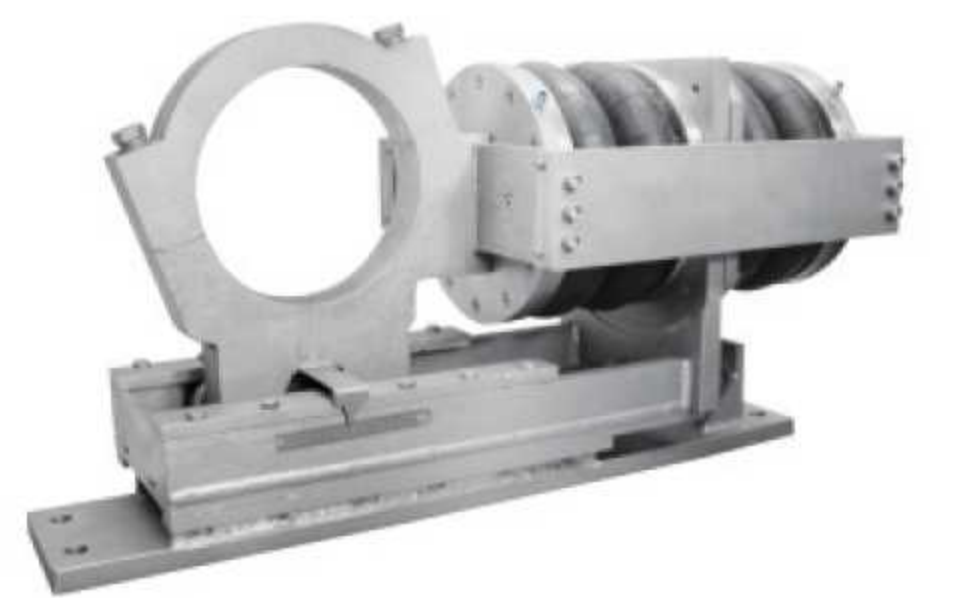
C-01 Type SS Moveable Seat



Material:
Carbon Steel, Stainless Steel

Paper Machine Frame
3600-8000mm

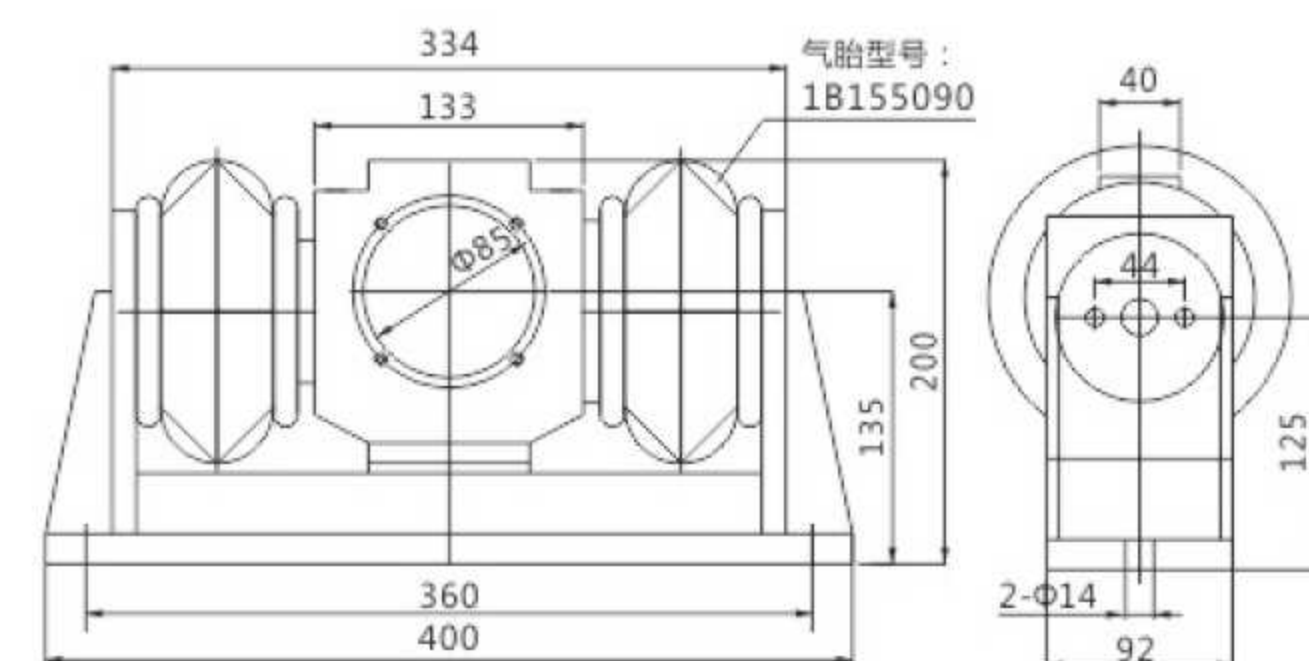
C-02 Type Moveable Seat



Material:
Carbon Steel, Stainless Steel

Paper Machine Frame
3600-8000mm

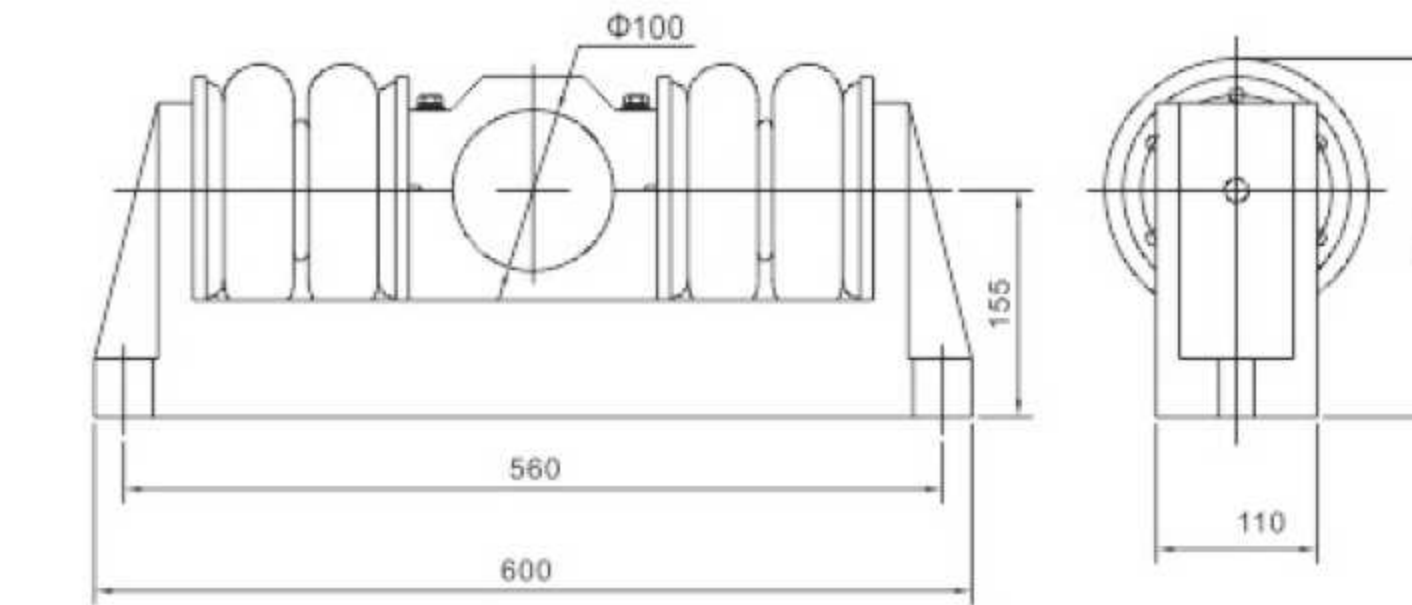
D Type Moveable Seat



Material:
Stainless Steel

Paper Machine Frame
1092-2640mm

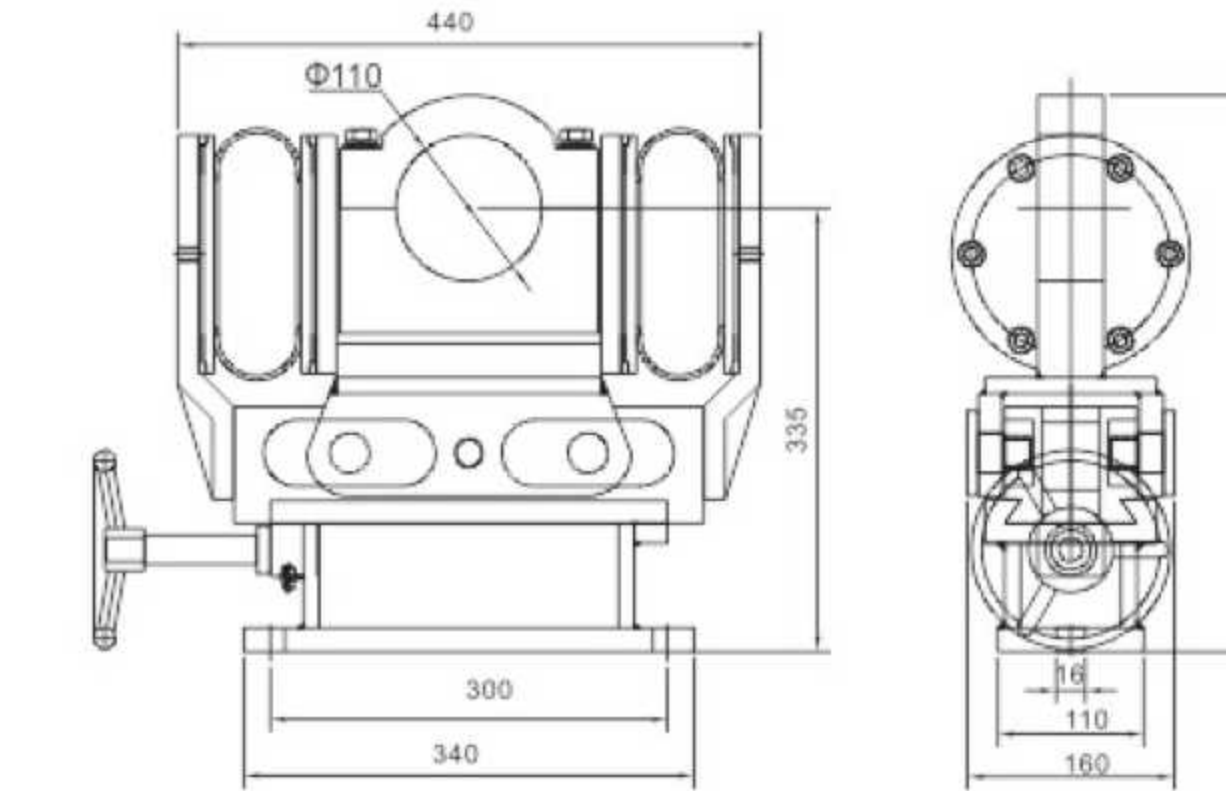
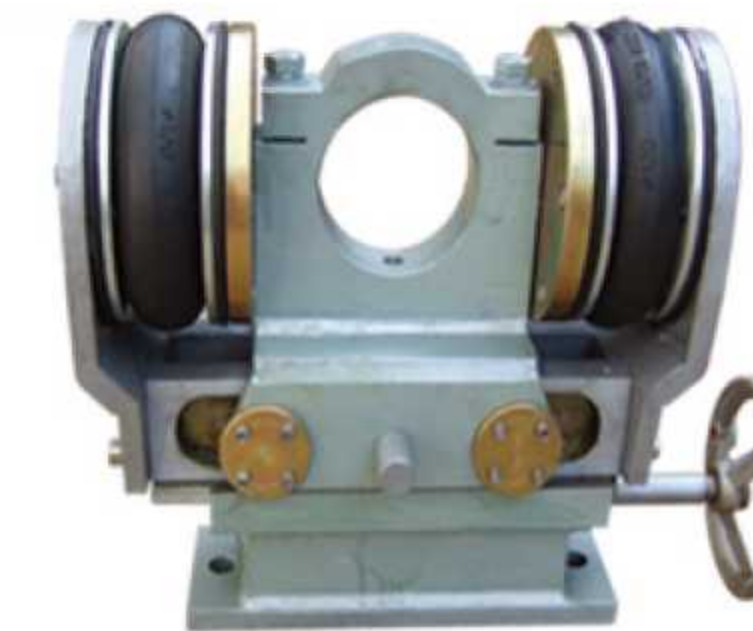
E Type Moveable Seat



Material:
Stainless Steel, Cast Aluminium, Carbon Steel

Paper Machine Frame
1092-2640mm

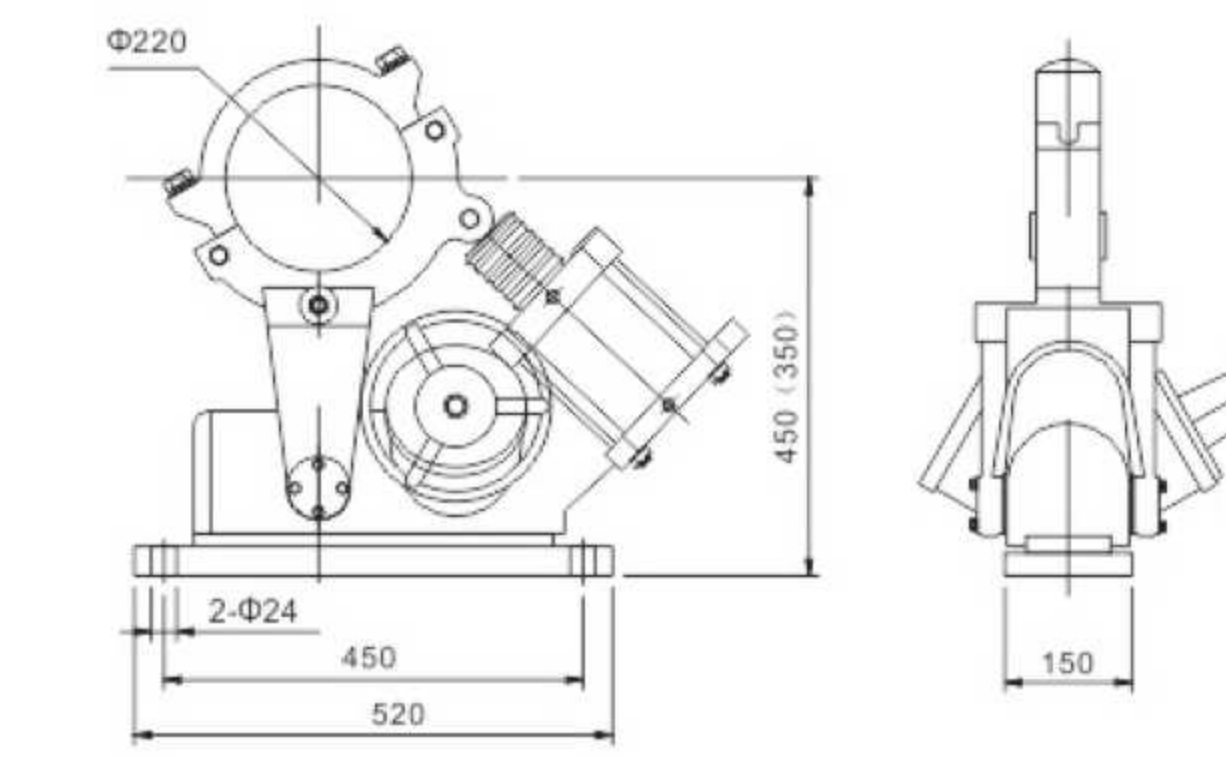
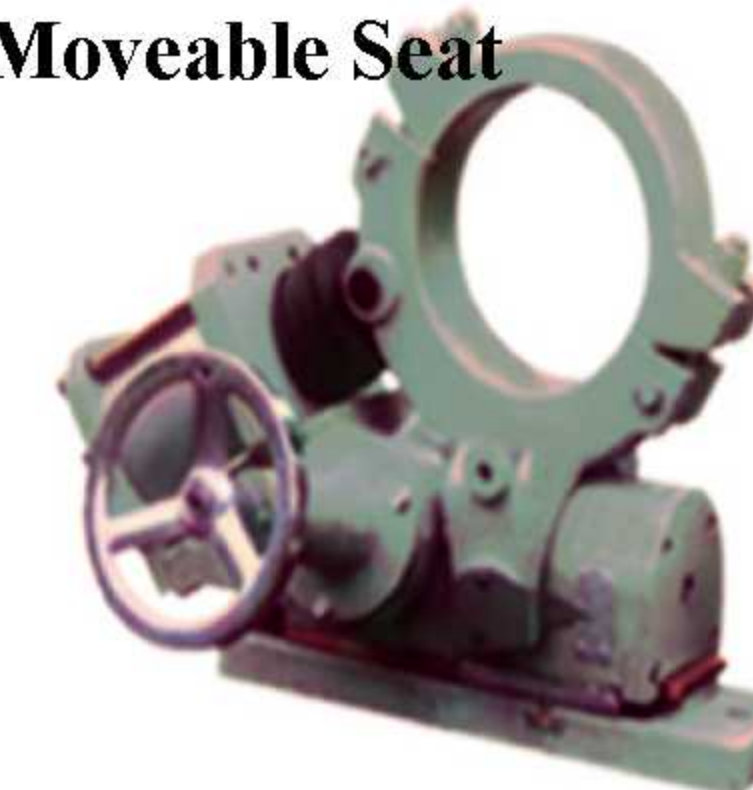
F Type Moveable Seat



Material: Carbon Steel

Paper Machine Frame
1092-2640mm

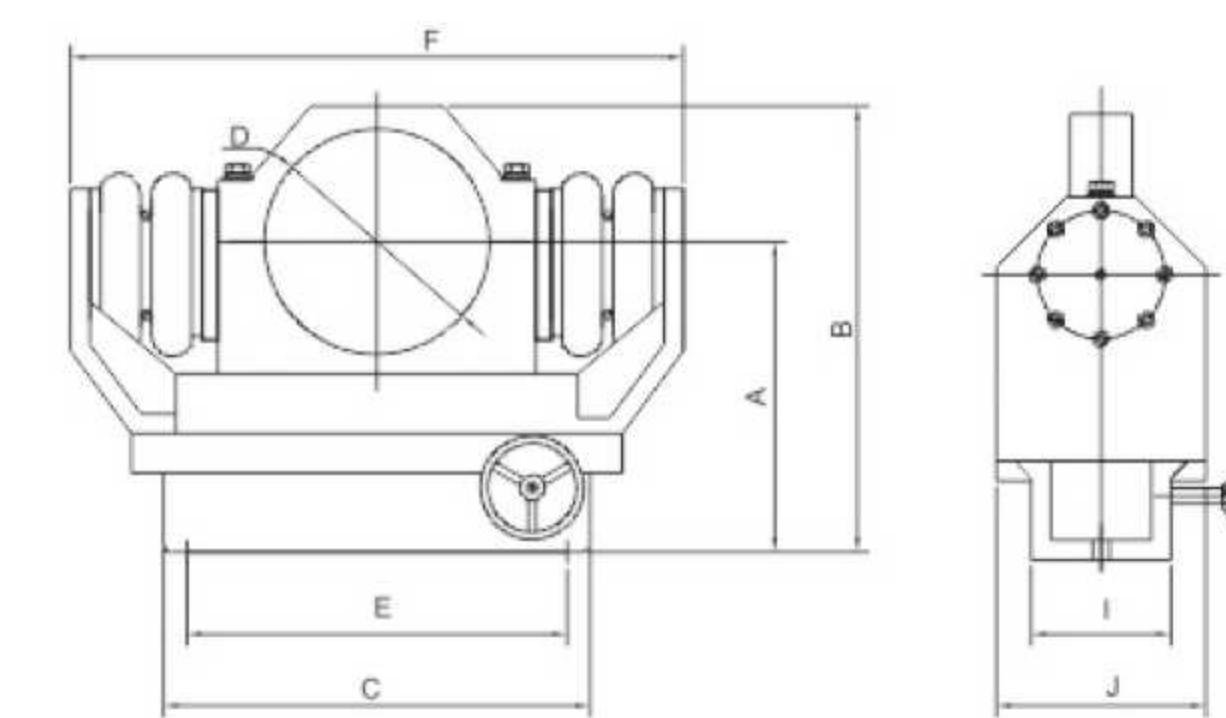
G Type Moveable Seat



Material:
Stainless Steel, Cast Iron

Paper Machine Frame
2880-8000mm

H Type Moveable Seat



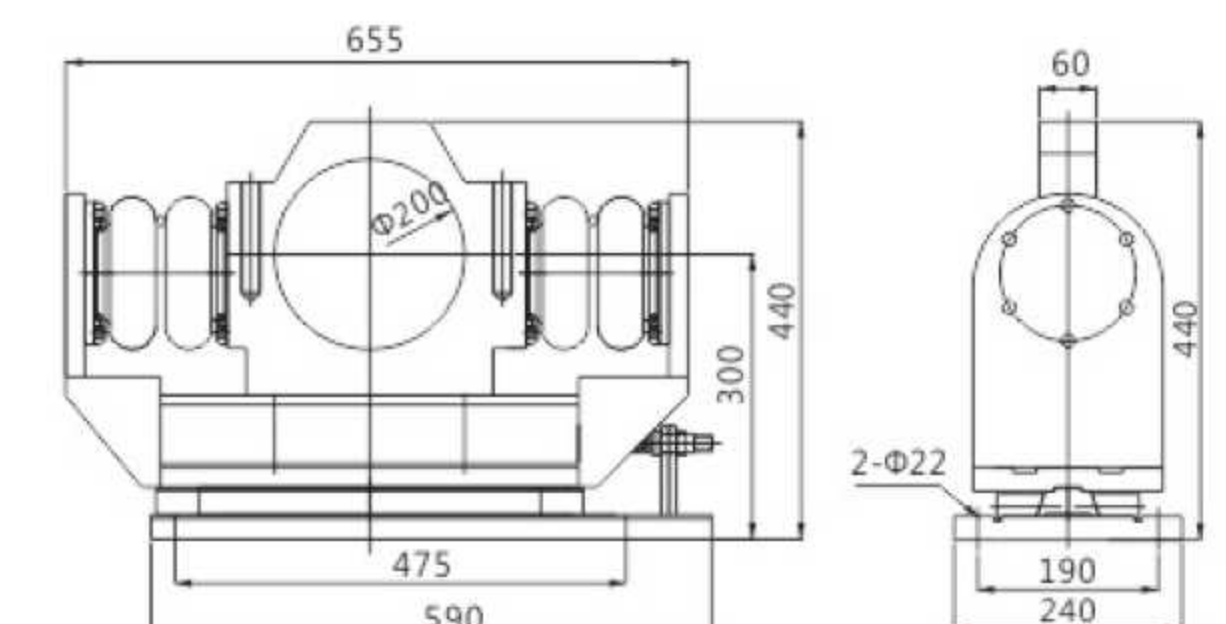
Material:
Stainless Steel, Cast Iron, Carbon Steel

Paper Machine Frame
2880-8000mm

H Type Moveable Seat Dimension Parameter

D	A	B	C	E	F	J	I	n-d
220	350	500	570	500	720	270	180	3-Φ22
240	360	510	570	500	740	270	180	3-Φ22
250	380	530	570	500	750	270	180	3-Φ22
260	380	530	570	500	760	270	180	3-Φ22
280	390	550	570	500	760	270	180	3-Φ22
290	400	575	570	500	790	270	180	3-Φ22
300	420	620	570	500	810	270	180	3-Φ22
320	450	630	570	500	820	270	180	3-Φ22

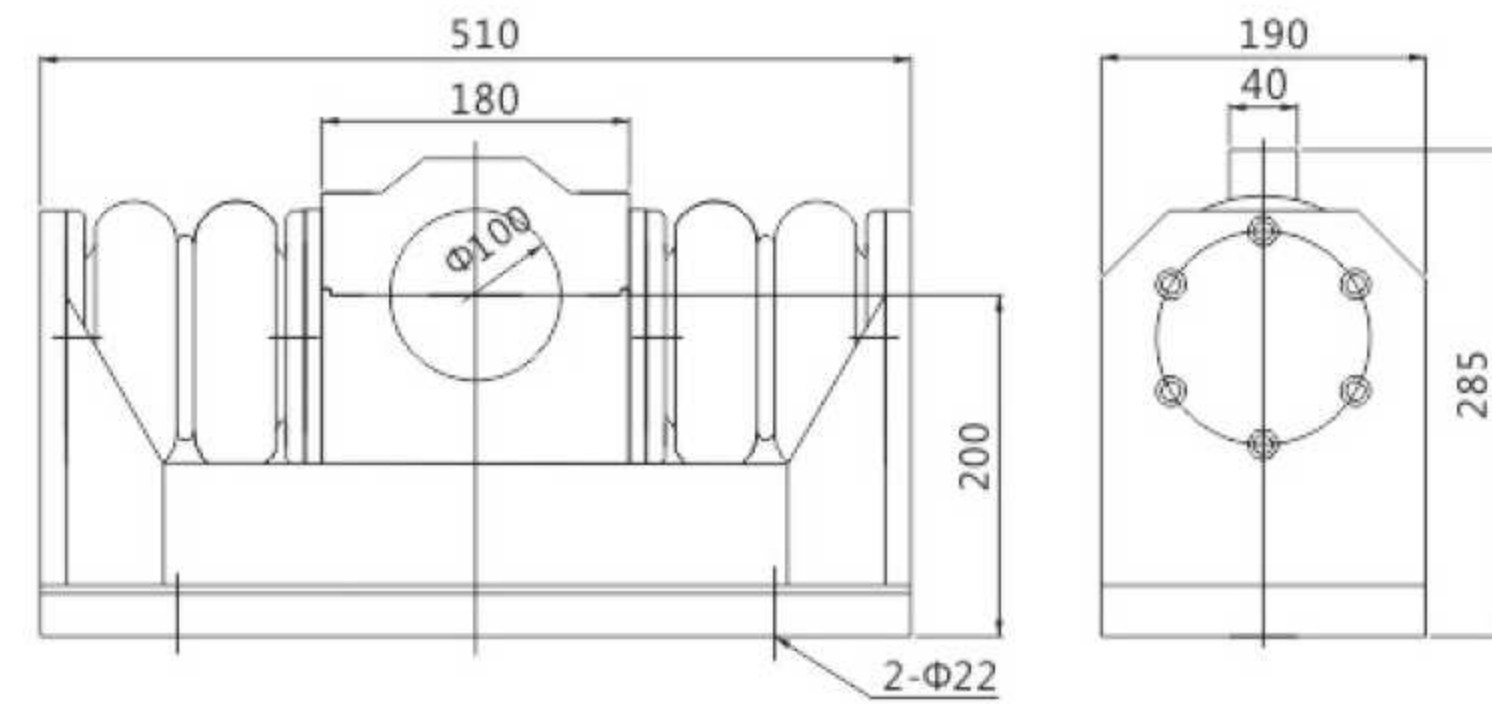
H-01 Type Moveable Seat



Material: Carbon Steel

Paper Machine Frame
2880-8000mm

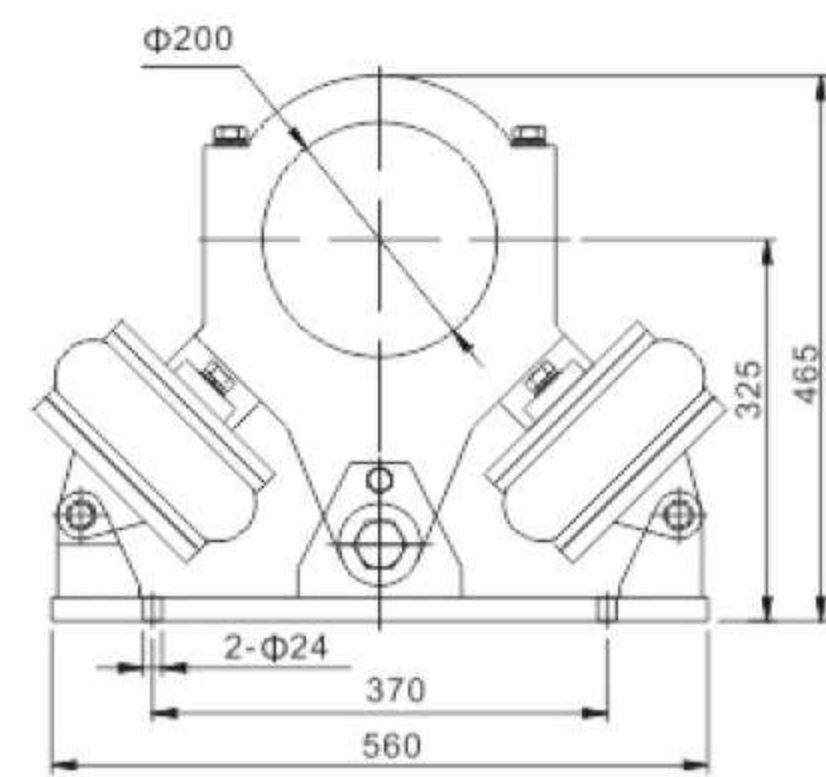
H-02 Type Moveable Seat



Material:
Carbon Steel

Paper Machine Frame
1092-5600mm

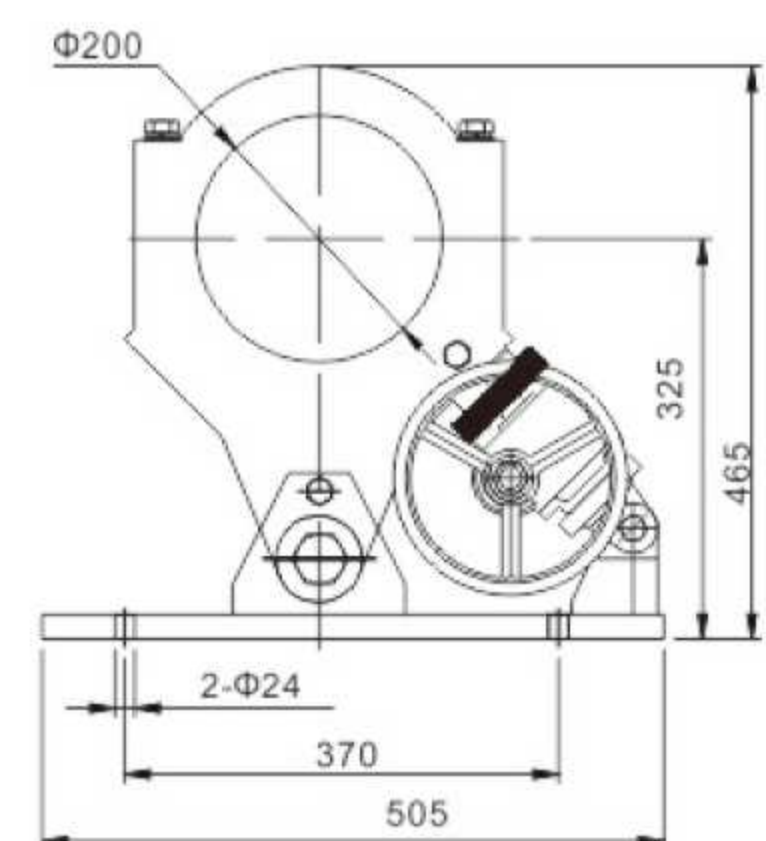
J Type Moveable Seat



Material:
Cast Iron

Paper Machine Frame
1092-8000mm

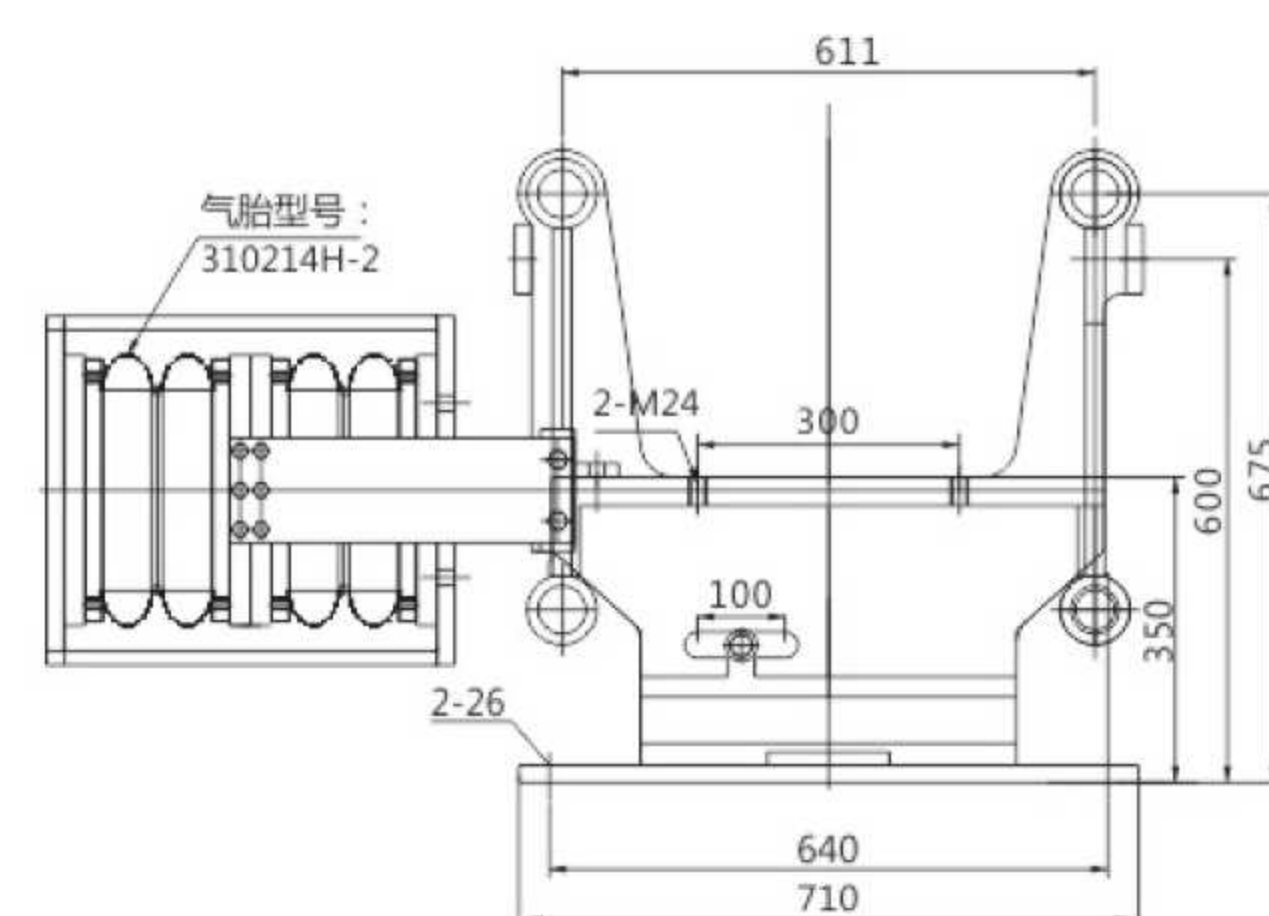
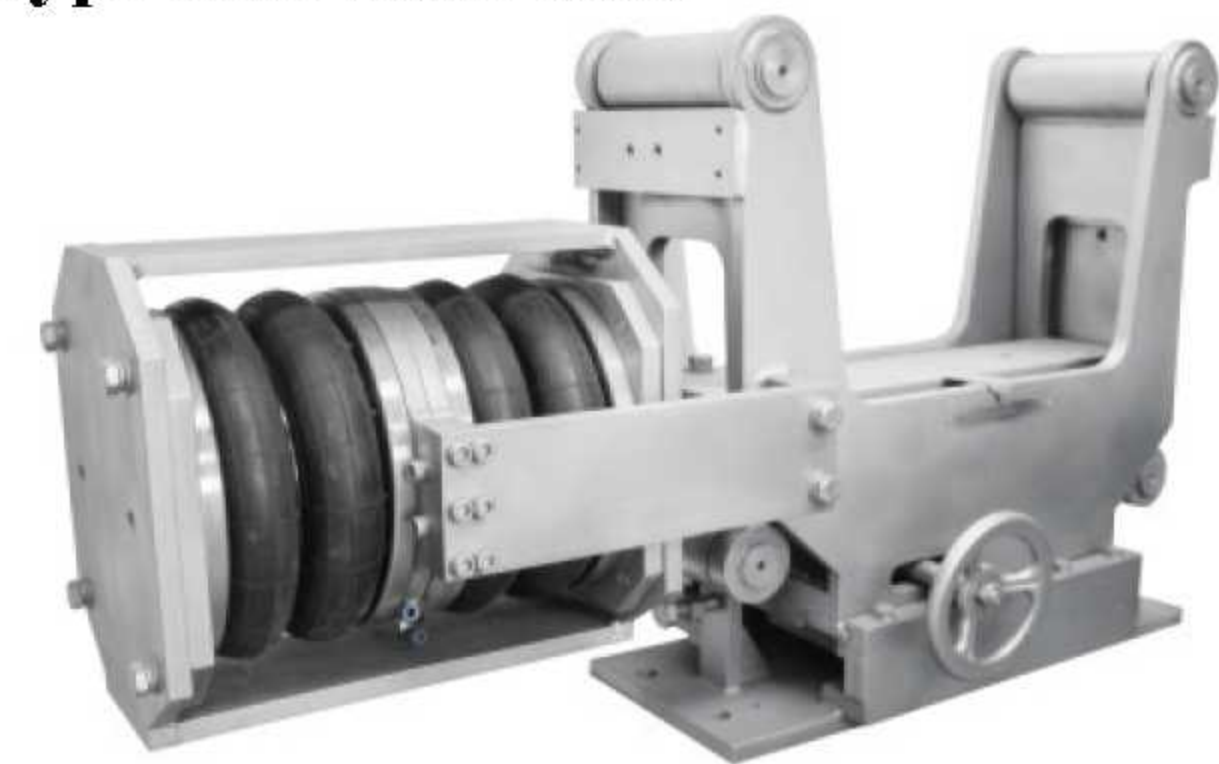
K Type Moveable Seat



Material:
Cast Iron

Paper Machine Frame
1092-8000mm

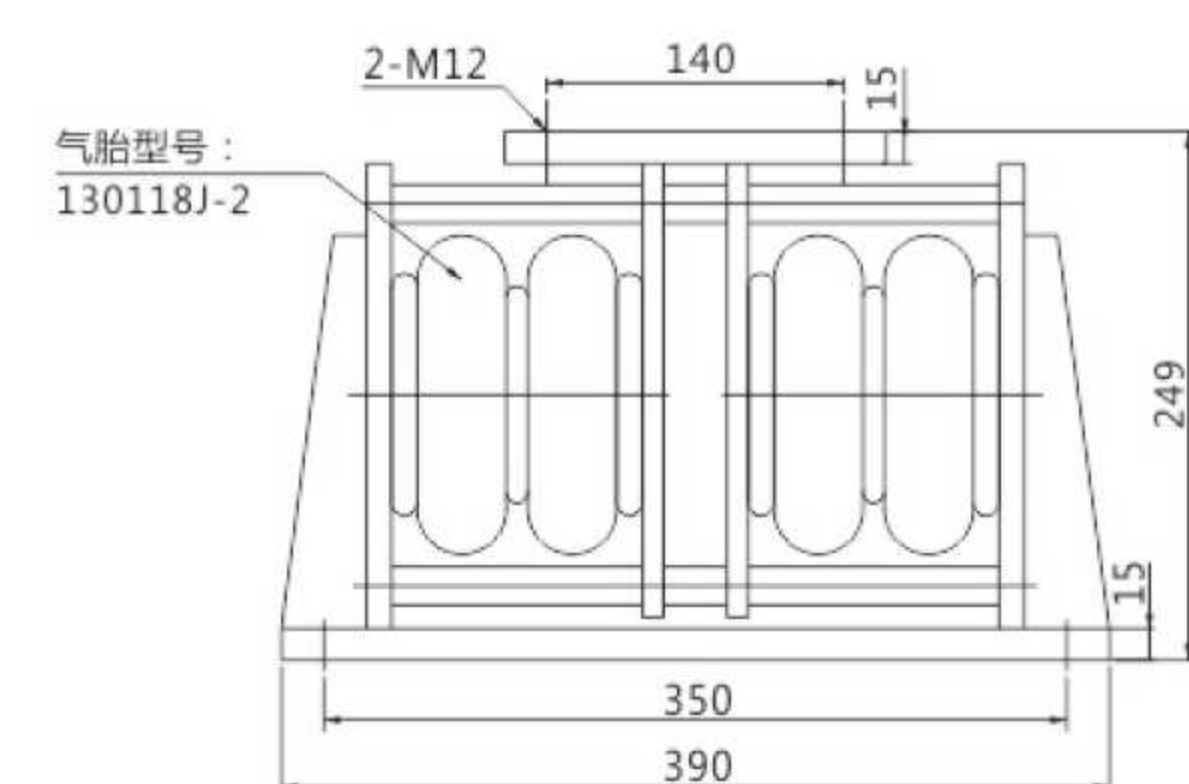
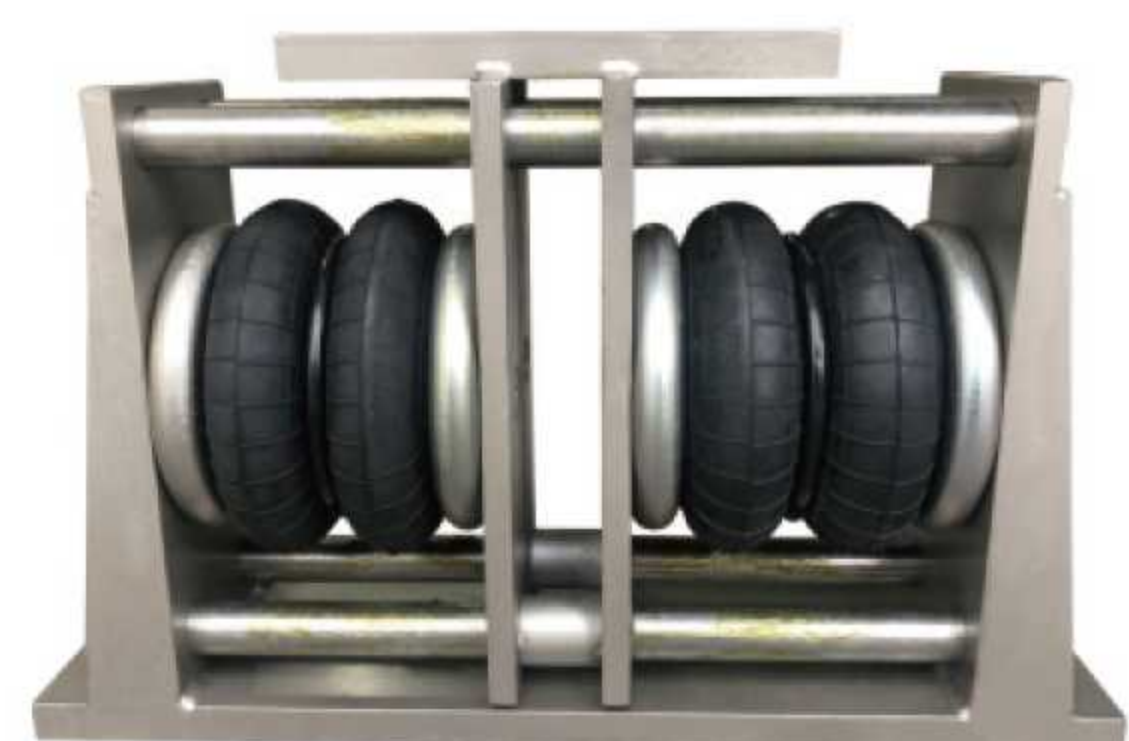
M Type Moveable Seat



Material:
Carbon Steel, Stainless Steel

Paper Machine Frame
3600-9000mm

N Type Moveable Seat



Material:
Stainless Steel

Paper Machine Frame
1092-2640mm

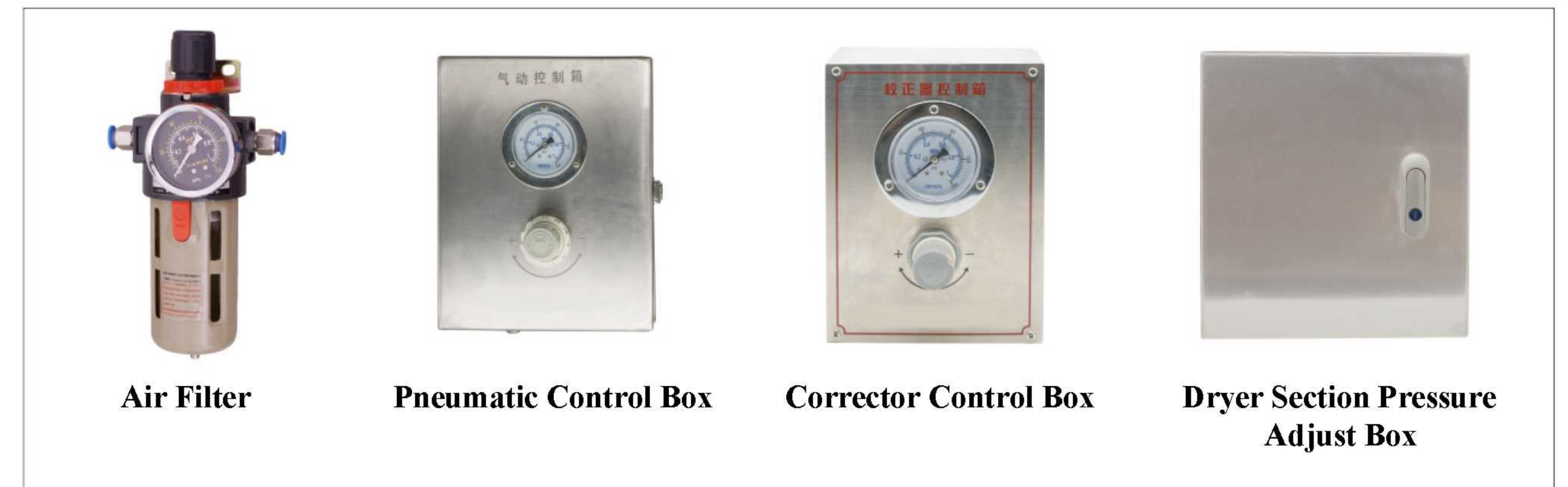
Signal Sensor

The signal sensor is the brain of the pneumatic corrector, which consists of a rotating shaft (baffle, roller, turntable) in contact with the wire and felts and an air valve that controls the flow of compressed air. Our company's signal sensors include Type I, Type I, Type I, Type IV, Type V, Type VI, etc. They are suitable for paper machines with different speeds ranging from 20m/min to 2000m/min. The materials are divided into three categories: copper, stainless steel, and aluminum, and the key parts are made of wear-resistant materials.

Working principle: Compressed air from the pipeline enters the control valve after the pressure is adjusted by the pressure reducing valve. When the mesh is shifted to the right, the shaft also moves to the right with the mesh. This reduces the tension of the spring, increasing the pressure of the switching valve and reducing the pressure on the other side, causing a pressure difference between the two ends of the actuator cylinder, pushing the piston and driving the guide roller to move forward, correcting the mesh to the left. Conversely, when the mesh moves too much to the left, the shaft also moves to the left, increasing the tension of the spring. The pressure of the switching valve decreases, and the pressure on the other side increases, causing the actuator to drive the guide roller to move backward, correcting the mesh to the right.

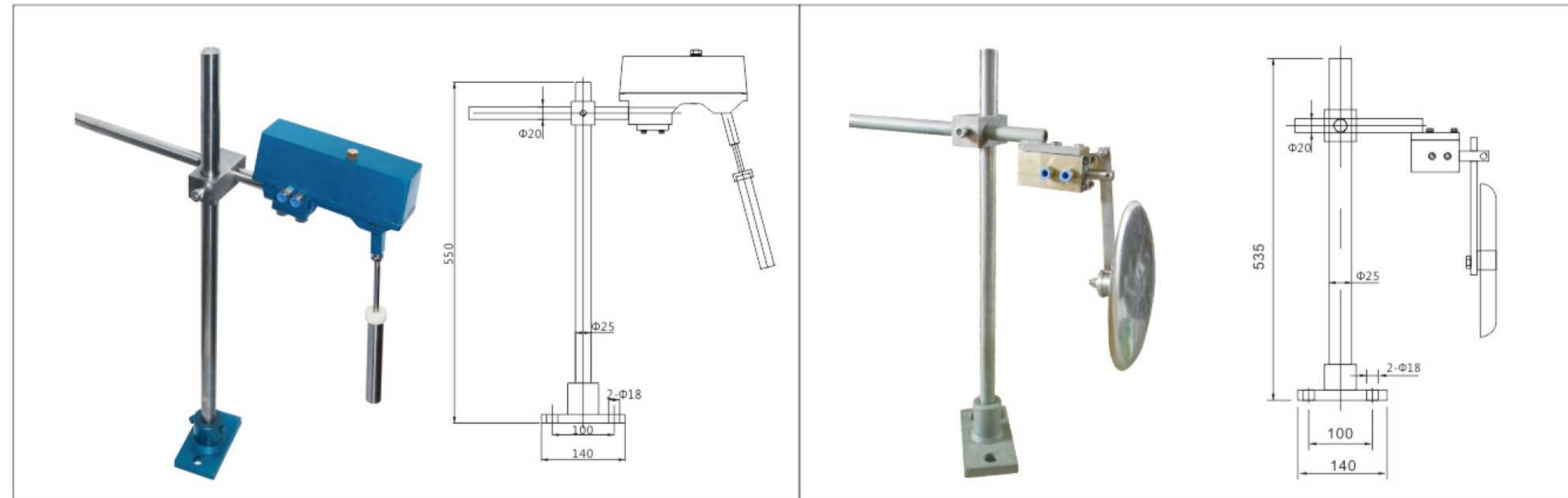
Pneumatic control box

Different types of correctors can be selected based on different temperatures and usage locations (such as dry or wet areas). Different correctors can also be equipped with different pneumatic control boxes.



Roller/Baffle/Counterweight





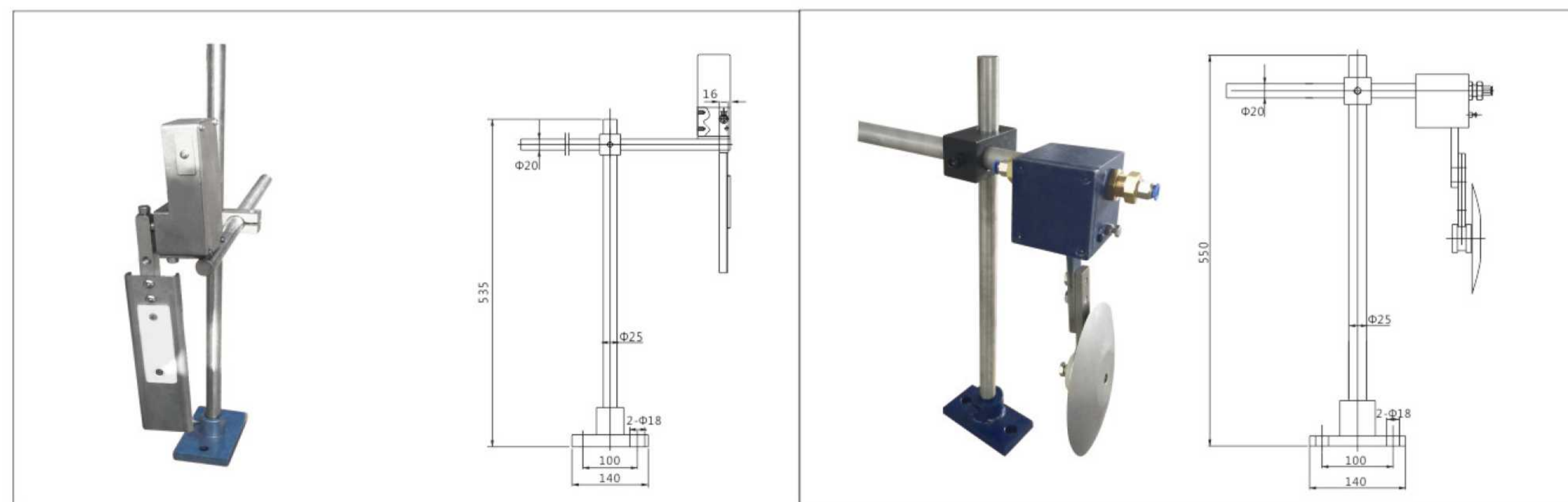
I 型

Technical parameters:

1. Valve body material: Aluminum
2. Rollers: can be matched
3. Applicable speed: 20-800m/min
4. Air pressure: 0.25-0.40MPa
5. Air consumption: ≤ 1000 L/h
6. Stainless steel roller offset: 40%
7. Working temperature: -15~85 degrees celsius
8. Installation aperture: 2- $\phi 18$

Technical parameters:

1. Valve body material: copper
2. Applicable speed: 50-600m/min
3. Air pressure: 0.25-0.40MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 30°
6. Working temperature: -20~80 degrees celsius



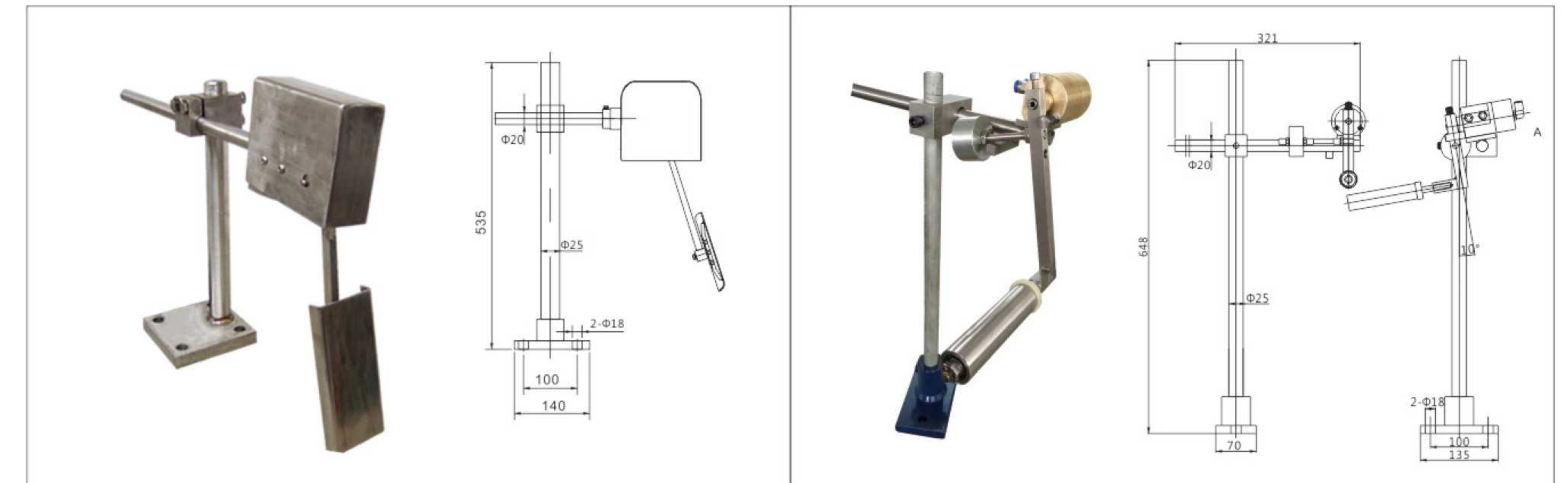
III 型

Technical parameters:

1. Valve body material: copper
2. Applicable speed: 50-600m/min
3. Air pressure: 0.25-0.40MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 30°
6. Working temperature: -20~80 degrees Celsius

Technical parameters:

1. Valve body material: Aluminum
2. Applicable speed: 100-600m/min
3. Air pressure: 0.25-0.40MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 30°
6. Working temperature: -15~65 degrees Celsius



V 型

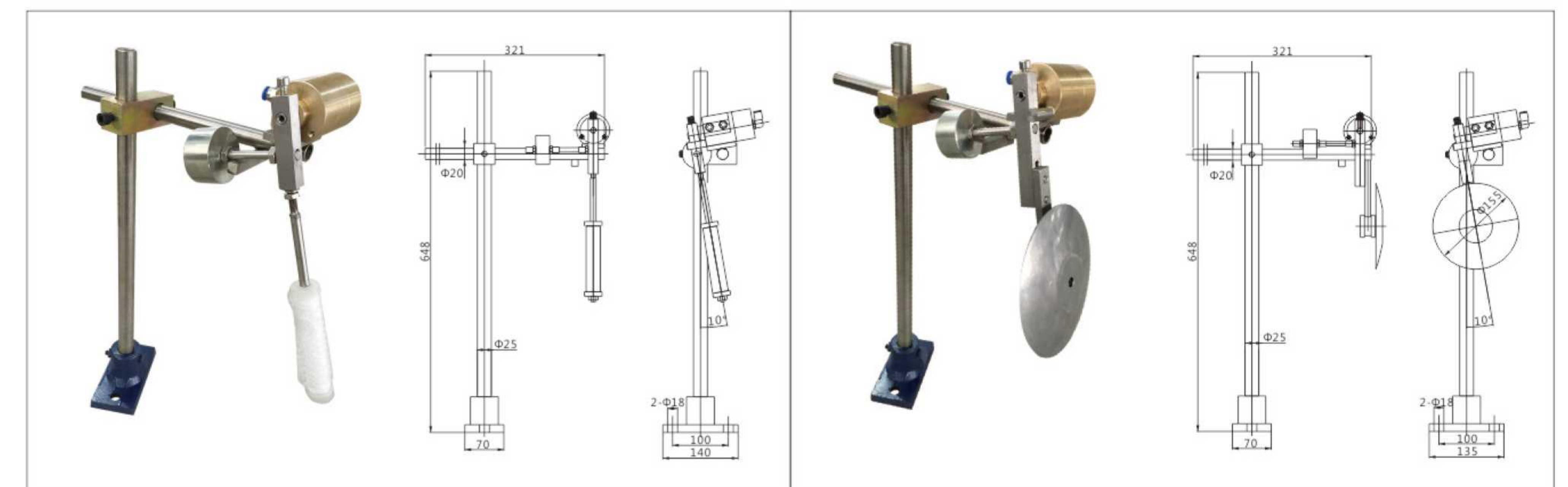
Technical parameters:

1. Valve body material: stainless steel
2. Applicable speed: 50-600m/min
3. Air pressure: 0.4-0.5MPa
4. Gas consumption: ≤ 1200 L/h
5. Stainless steel disc offset: 32°
6. Working temperature: -20~100 degrees celsius

VI 型

Technical parameters:

1. Valve body material: Copper
2. Applicable speed: 50-800m/min
3. Air pressure: 0.25-0.40MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 30°
6. Working temperature: -20~80 degrees celsius



VII 型

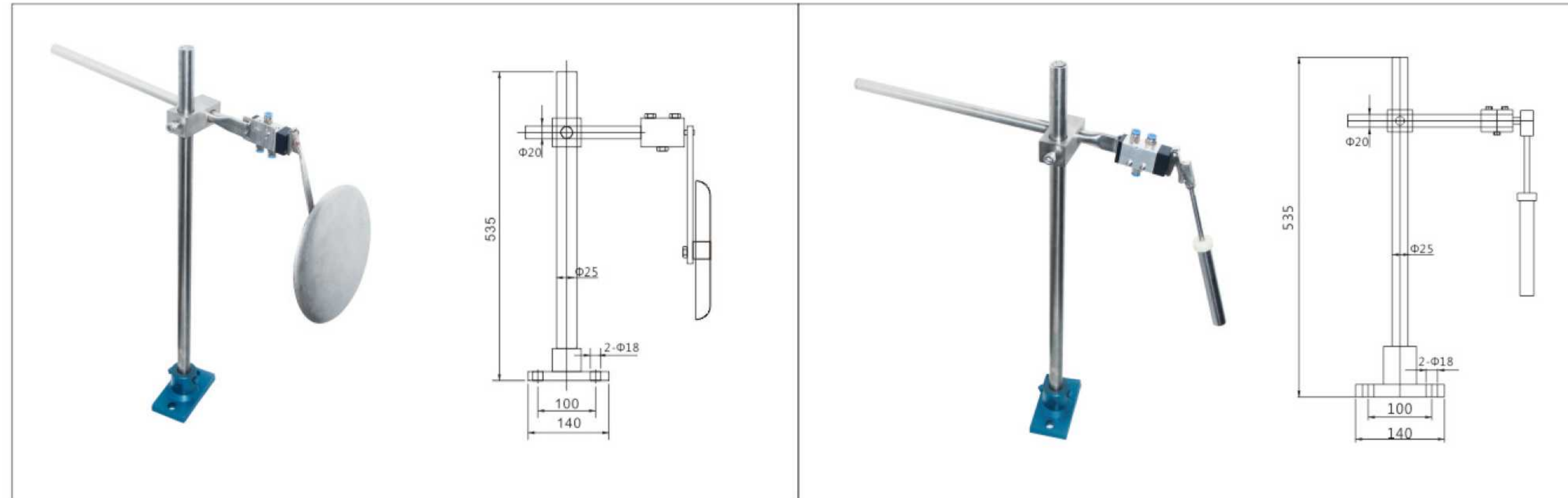
Technical parameters:

1. Valve body material: Copper
2. Applicable speed: 50-800m/min
3. Air pressure: 0.25-0.5MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 30°
6. Working temperature: -20~80 degrees celsius

VIII 型

Technical parameters:

1. Valve body material: Copper
2. Applicable speed: 50-800m/min
3. Air pressure: 0.25-0.50MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 30°
6. Working temperature: -20~80 degrees celsius



IX型

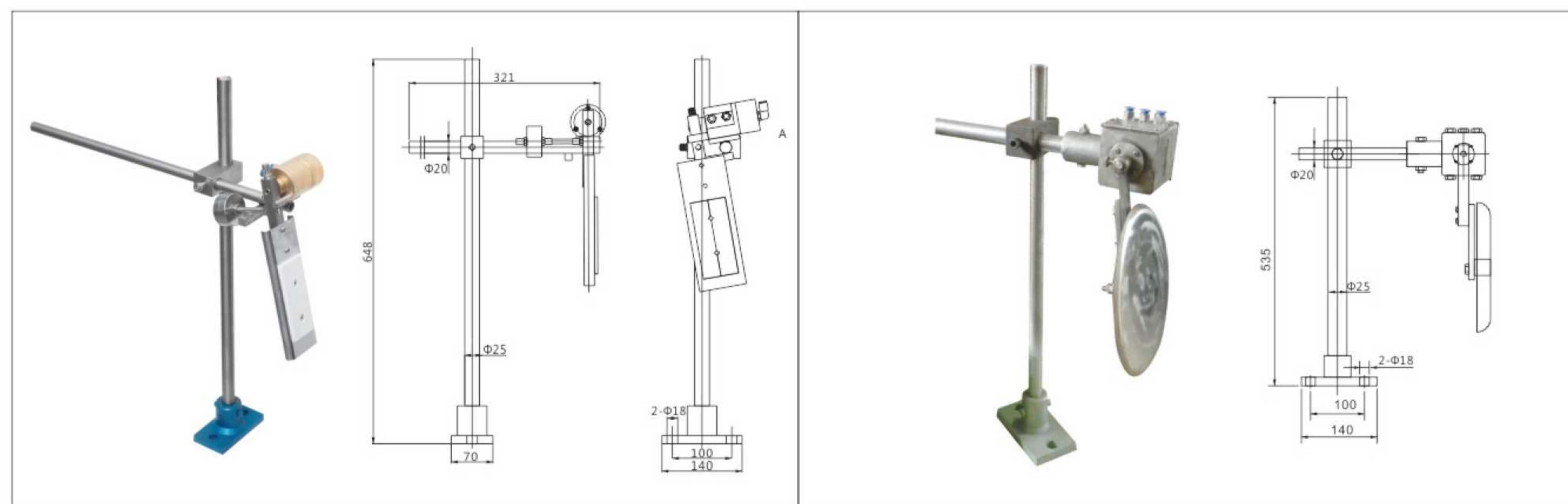
IX型带滚轴

Technical parameters:

1. Valve body material: Iron Plastic
2. Applicable speed: 50-300m/min
3. Air pressure: 0.25-0.3MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 30 °
6. Working temperature: -20~80 degrees celsius

Technical parameters:

1. Valve body material: Iron Plastic
2. Applicable speed: 50-300m/min
3. Air pressure: 0.25-0.30MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 30 °
6. Working temperature: -20~80 degrees celsius



X型

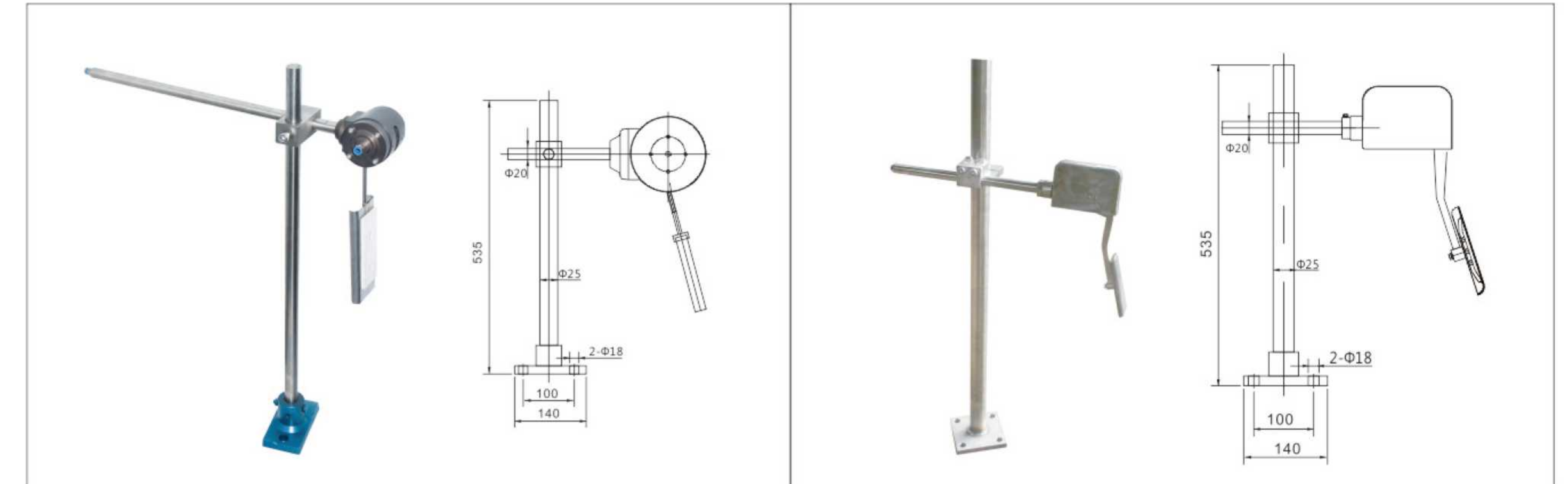
XI型

Technical parameters:

1. Valve body material: Copper
2. Applicable speed: 50-800m/min
3. Air pressure: 0.25-0.5MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 30 °
6. Working temperature: -20~80 degrees celsius

Technical parameters:

1. Valve body material: Stainless Steel, Aluminium
2. Applicable speed: 100-600m/min
3. Air pressure: 0.25MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 30 °
6. Working temperature: -15~65 degrees celsius



XII型

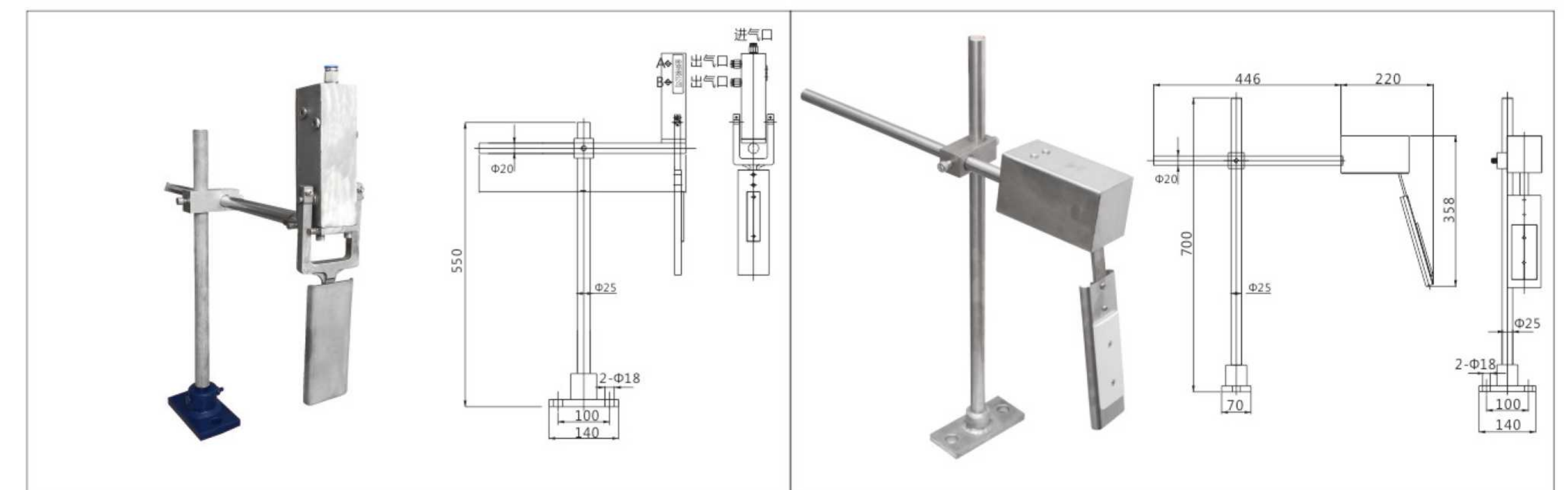
XIII型

Technical parameters:

1. Valve body material: Aluminium
2. Applicable speed: 100-600m/min
3. Air pressure: 0.25-0.5MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 20 °
6. Working temperature: -20~80 degrees celsius

Technical parameters:

1. Valve body material: Stainless Steel
2. Applicable speed: 300-1500m/min
3. Air pressure: 0.4-0.5MPa
4. Gas consumption: ≤ 1200 L/h
5. Stainless steel disc offset: 32 °
6. Working temperature: -20~100 degrees celsius



XV型

Extreme Alarm Device

Technical parameters:

1. Valve body material: Stainless Steel
2. Applicable speed: 50-1200m/min
3. Air pressure: 0.2-0.3MPa
4. Gas consumption: ≤ 1000 L/h
5. Stainless steel disc offset: 18 °
6. Working temperature: -30~150 degrees celsius
7. Correction angle: ≤ 10°

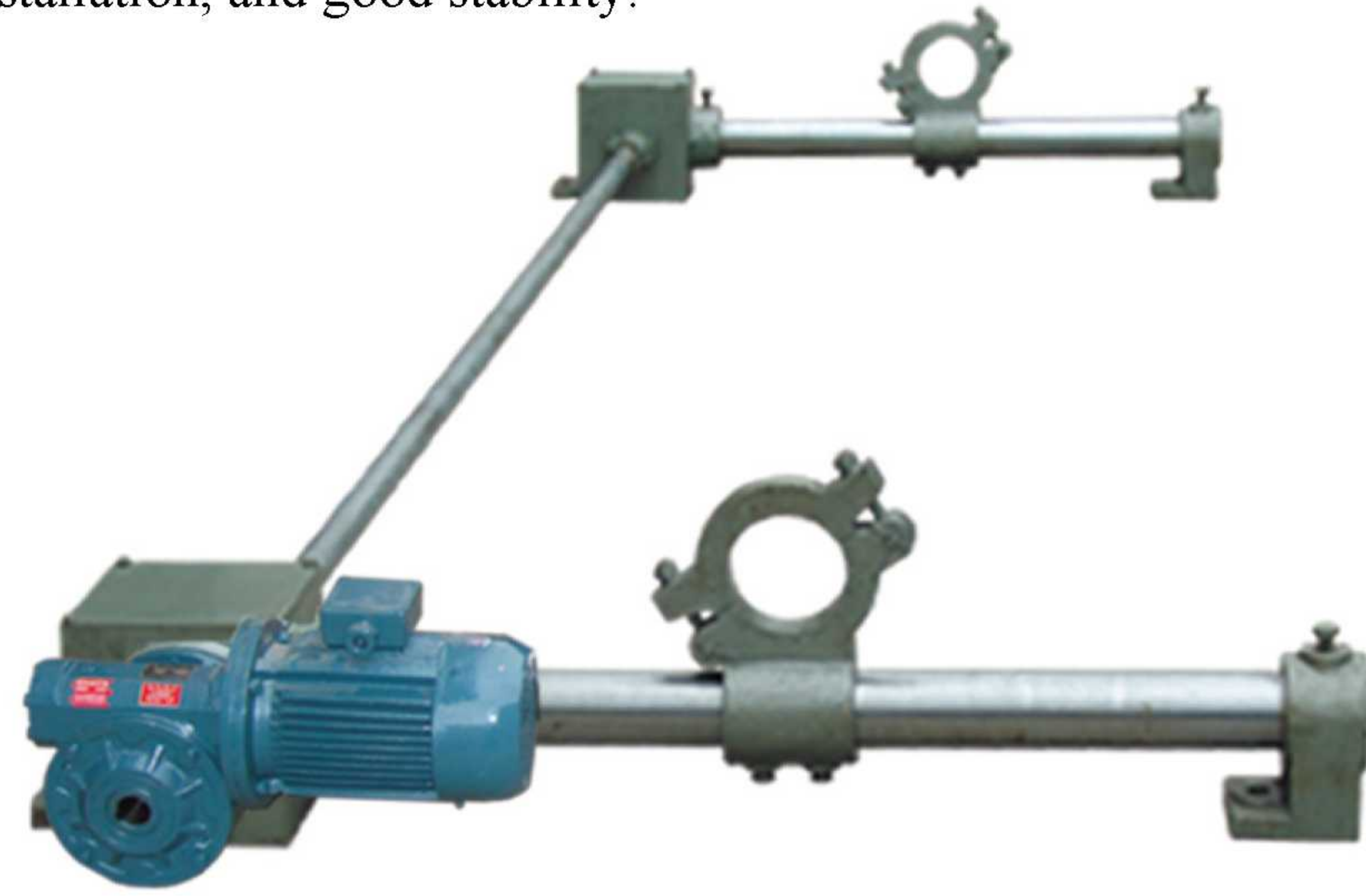
Technical parameters:

1. Suitable Machine Speed: 200-2000m/min
2. Power: 24V
3. Switch: normally open, normally closed
4. Temperature resistance: 70 ° C at room temperature, 120 ° C at high temperature, 160 ° C at high temperature

Summary: With the advancement of modern paper machine technology and the continuous increase in paper machine speed, the requirements for the entire calibration system are becoming higher and higher. The quality and cost of the PMC are constantly increasing. Accidentally damaging a wire & felt can often result in losses of tens of thousands to hundreds of thousands. PMC deviation alarm system is essential. The sensing components of this device are installed on the transmission side and operation side of the paper machine, and can respectively sense the deviation of the felt on both sides and the extreme position of the cylinder roller. When the calibration sensing system or gas supply system malfunctions due to an accident, this alarm system senses the signal of the PMC deviating and immediately converts it into an audible and visual alarm signal, so that the operator can promptly detect the situation and adjust the paper machine to avoid damaging the paper machine clothing.

Wire & Felt Tensioner

Wire and felt tensioner is one of the indispensable equipment in the modern paper industry. Its advantages include simple operation, easy installation, and good stability.



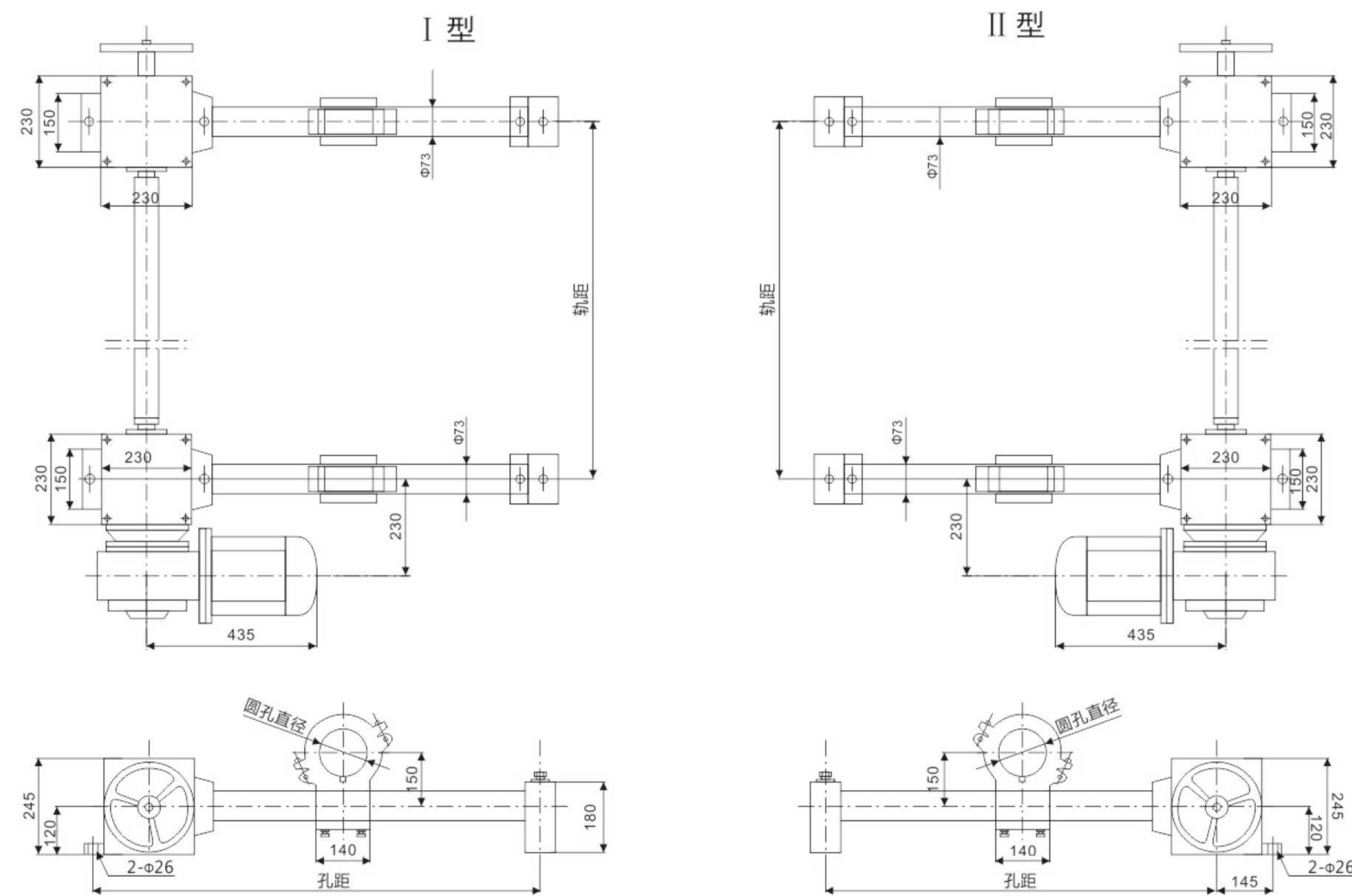
W Series Worm Reducer



Motor with Reducer Series

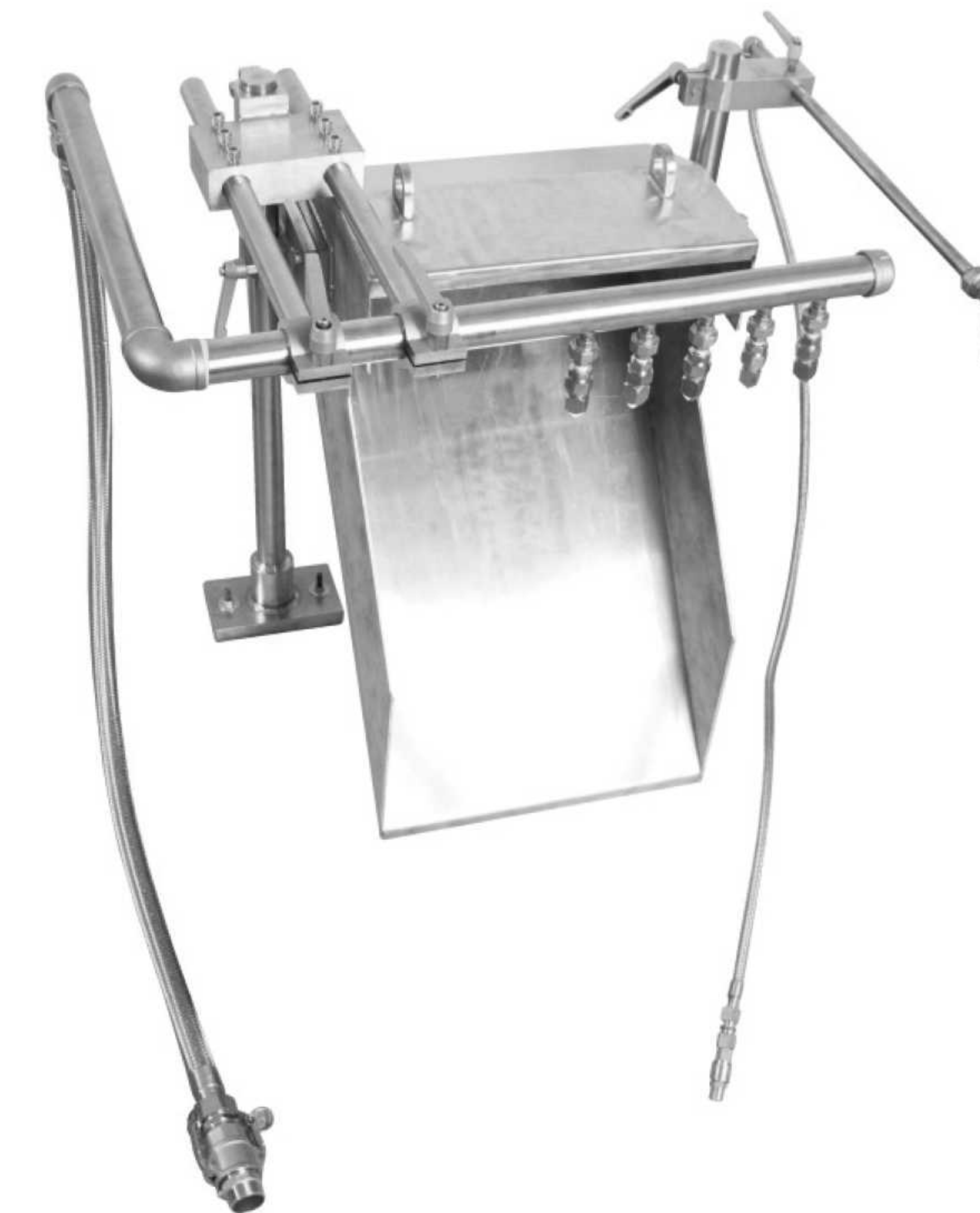


Track Tensioner



Ordering information: 1. Hole gauge 2. Track gauge 3. Circular hole diameter

Paper Pulp Collector



Main Feature:

1. Saving investment and recycling can save a lot of papermaking raw materials and increase paper production.
2. Reducing pollution and recycling leftover materials into pulp is simpler. And the excess slurry is recycled and reused. It can reduce pollution to the environment. Energy conservation, reducing energy consumption through mechanical and chemical methods.
3. Compared to mechanical pulping, the recycling and reuse process is simpler and consumes less energy.