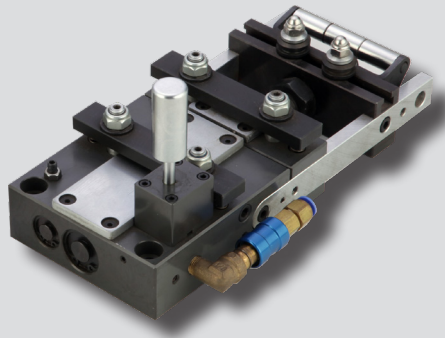


KPF series



Features

- Provides efficient transport and feed through four-stroke air intake and emission using spool valve.
- Perfectly supports feeding and release with two solenoid valves. Simple one-unit structure.
- Perfect four-stroke support by mechanical and electric type products.
- Material and weight reduction with downstream piston.
- Better precision and less noise with pneumatic absorber.
- Push and pull of material possible with one machine.
- Improved SPM with compress pilot valve.

How to Order

KPF - ① 04 ② 05 - ③ S ④ ER ⑤

① Series

KPF	Air feeder
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③ Max. feed length (mm)

Model No	50~300
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⑤ Operating type

M	Mechanical type
E	Electronic type
ER	Electronic release type

※ Mechanical type is not applicable for 2525-D and 3030-D.

② Max. material width (mm)

Model No	40~300
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④ Drive type

S	Single
D	Double

Specifications

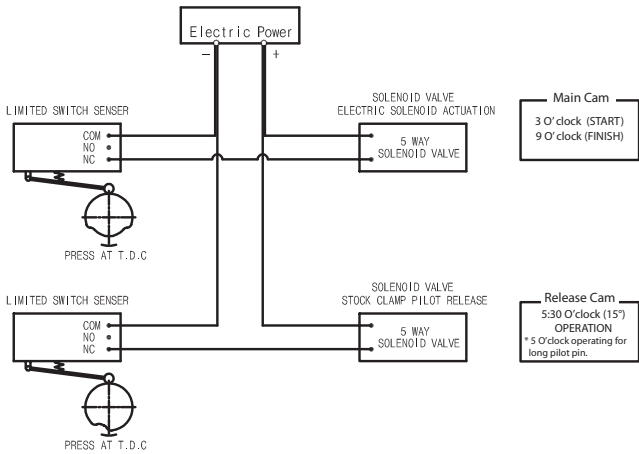
Model		0405-S	0415-S	0607-S	0620-S	1010-S	1030-S	1515-S	1530-S	2020-D	2515-D	2525-D	3016-D	3030-D
Max. material width	mm	40	40	60	60	100	100	150	150	200	250	250	300	300
Max. feed length	mm	50	150	70	200	100	300	150	300	200	150	250	160	300
Max. material thickness	mm	1.0	1.0	1.2	1.0	2.3	1.4	2.3	1.8	2.3	2.3	2.5	2.5	2.5
Max. air pressure	kgf/cm ²	7	7	7	7	7	7	7	7	7	7	7	7	7
Stroke per minute	S.P.M	220	60	200	50	165	50	120	45	100	110	65	90	50
Fixed clamp pressure	kg	60	60	122	122	158	198	198	366	366	366	492	647	647
Moving clamp pressure	kg	60	60	122	122	158	198	198	366	366	366	492	647	647
Tensile strength	kg	17	17	33	33	47	63	63	82	126	126	163	163	163
Air consumption	L/min	32	26	78	48	124	145	178	254	376	310	423	350	363
Weight	kg	3.2	4.2	5.2	7.5	10.8	20	17.2	25	32.2	31	49.6	52	65

※ Above models are fundamental models. Other models are produced upon customer request.

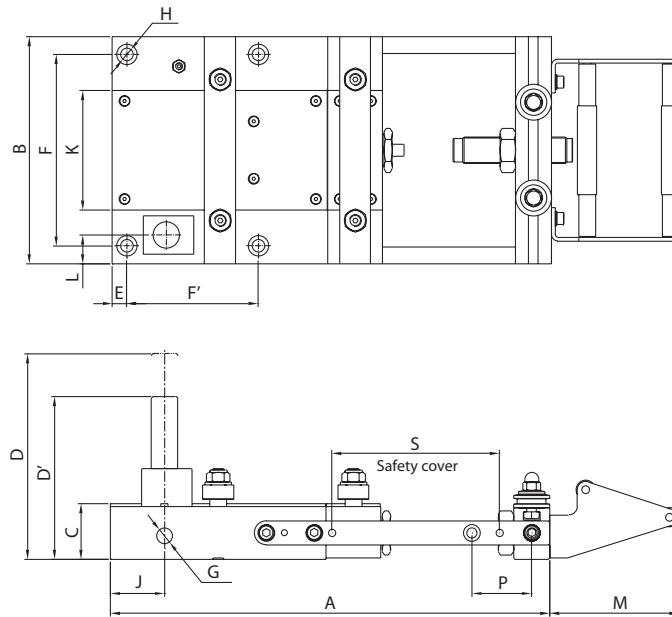
※ Install an air unit before operating air feeder (Filter→regulator→ lubricator)

※ Ensure the lubricator of the air unit supply oil one drop per minute. (Use Turbin 1 ISO VG32 or oil of equal performance. (Do not use Volatile oil.)

Wiring Diagram



Dimensions



Unit:mm

Model	A	B	C	D	D'	E	F	F'	G	H	J	K	L	M	P	S
0405-S	223	98	39	120	99	8.5	76	-	1/8"	Ø8.5	30	40	17	26	30	90
0415-S	424	98	39	120	99	8.5	76	100	1/8"	Ø8.5	30	40	17	26	50×2	235
0607-S	279	136	41.5	167	131	10	114	-	1/8"	Ø8.5	38	60	20	82	35	110
0620-S	540	136	41.5	167	131	10	114	125	1/8"	Ø8.5	38	60	20	82	50×3	315
1010-S	367	190	46.5	172	136	12	160	-	1/4"	Ø10.5	45	100	24	108	50	140
1030-S	772	200	51.5	205	160	12	170	200	1/4"	Ø10.5	50	100	28	122	75×3	435
1515-S	472	248	51.5	205	160	12	220	125	1/4"	Ø10.5	50	150	28	122	50×2	250
1530-S	815	270	56.5	210	165	12	230	200	1/4"	Ø10.5	55	150	35	142.5	75×3	450
2020-D	614	320	56.5	210	165	12	280	170	1/4"	Ø10.5	55	200	35	142.5	70×2	320
2515-D	516	375	56.5	210	165	12	335	135	1/4"	Ø10.5	55	250	35	142.5	80	270
2525-D	738	390	62	-	-	70	300	200	3/8"	Ø13	85	250	-	186.5	80×2	400
3016-D	588	460	62	215	170	12	400	150	3/8"	Ø10.5	50	300	45	186.5	80	320
3030-D	859	460	62	-	-	70	350	240	3/8"	Ø13	90	300	-	186.5	100×2	460