



Rapid-Air

Air Feeds... Rapid-Air gives you more choices

32 standard models to feed flat stock up to 16 inches wide, .150 thick, and in lengths up to 20 inches. Pulling capacities of up to 250 pounds are available on heavy duty models. Our smallest feed is capable of 260 cycles per minute at a 2" progression and can cycle much faster at shorter progressions.

Special models are available to meet unusual feeding requirements.

Model	Stock Width (In.)	Stroke Range (In.) ^{*1}	Stock Thickness (In.) ^{**}	Speed Cycles/Min. (Recom.) ^{**3}	Pulling Capacity (Lbs.) ^{**4}
A2	1-1/2	0-2	.002-.040	260	20
A4	1-1/2	0-4	.002-.040	200	20
A6	1-1/2	0-6	.002-.040	160	20
A8	1-1/2	0-8	.002-.035	130	20
B2	2-1/2	0-2	.002-.040	230	20
B4	2-1/2	0-4	.002-.035	175	20
C3	3	0-3	.003-.075	195	45
C6	3	0-6	.003-.062	140	45
C12	3	0-12	.003-.062	85	45
D3	4	0-3	.003-.075	175	45
D6	4	0-6	.003-.062	135	45
D12	4	0-12	.003-.062	85	45
W6	2	0-6	.003-.090	140	100
W12	2	0-12	.003-.062	85	100
W20	2	0-20	.003-.050	50	100
F4	6	0-4	.004-.075	160	100
F6	6	0-6	.004-.075	130	100
F8	6	0-8	.004-.062	105	100
F12	6	0-12	.004-.050	70	100
F20	6	0-20	.004-.035	35	100
H4	8	0-4	.004-.075	160	100
H8	8	0-8	.004-.062	105	100
H12	8	0-12	.004-.050	70	100
J4	10	0-4	.004-.075	135	100
J12	10	0-12	.004-.045	60	100
FX6	6	0-6	.005-.150	105	145
FX12	6	0-12	.005-.150	60	145
L6	12	0-6	.005-.090	105	145
L12	12	0-12	.005-.090	60	145
L16	12	0-16	.005-.075	40	145
P12	16	0-12	.005-.062	60	145
LX12	12	0-12	.005-.125	50	250

*1 Electric Actuating Valve is recommended for feeds that have stroke length over 8".

** Thinner materials and/or long strokes with thin materials possible by using anti-buckling guides. Maximum thickness capacity increases by same percentage as stock width decreases (up to max. of 150%).

**3 Approximate, at maximum stroke length. Heavy stock requires slower speeds.

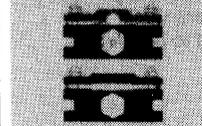
**4 At 100 psi. (Includes allowance for normal friction of moving parts).

Air Feeds... Accessories/Options

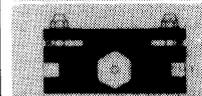
Many accessories and options tailor Rapid-Air Feeds to a variety of applications—to feed metals, wire, plastic, fabric, you name it; and in most any shape—flat, round, extrusions, etc.



Electric Actuating Valve: An alternate to the standard actuating valve provided with each feed. Electric valve—3-way, normally open, 115 vac/60hz—one size for Series A & B feeds, one for Series C, D, F, H, J & W feeds, and another with quick exhaust for Series L, P, FX & LX.



Custom Stock & Feed Clamps: To accommodate special material configurations, such as extrusions, delicate surfaces or soft, pliable materials. Rubber, leather, nylon and vinyl are among the clamp insert materials available.



Special Wear Plates: Replaceable wear plates can be grooved to accommodate special shapes and sizes.



Anti-Buckling Guides: Specially designed guides to prevent buckling of very thin flat or wire stock feeding at high speeds and/or long progressions.



Belt Feed: Enables feeds to accurately feed very limp delicate stock, including metals, teflon and other tapes, foil strips, fabrics, paper, photographic film and gasket materials. Material (even skeleton) is sandwiched between two endless belts to move it into or out of a press or other machines.



Safety Guards: See-through high-strength plastic safety guard shields the moving mechanism. For applications where safety requirements include machine guarding.



Multi-Stroke Control: Provides longer stroke progressions between press strokes by cycling feed several times prior to a press stroke. Equipped with electric valve and fittings. Standard control variable up to 9 feed cycles—other control models available. All feed series can be used with the multi-stroke control.



Pilot Release Stock Clamp: The spring-loaded stock clamp furnished with all Rapid-Air feeds is recommended for most applications. For unusual requirements, the pilot release stock clamp is available. An electric signal actuates the pilot release clamp so that it lifts completely to allow for free movement of stock to position material when pilots are used. Optional on Series A thru D feeds.