

POWAIR AIR FEEDERS



POWAIR Press Feeds work on the soundest of principles. The material being fed is powerfully gripped all the time, alternately by the fixed

and moving clamps, so it cannot slip or be miss fed. On all feed units shock absorbing cushioned dead stops at either end of the stroke provide unerring feed repeatability of ± 0.03 mm without any bounce.

Two normal POWAIR feeds can be linked together so they operate 'hand over hand' on the feed side of the press. The feeding speed can be increased by at least 50%, by one unit feeding while the other is return stroking. At these speeds repeatability is ± 0.05 mm, and where lower accuracy can be accepted then the speed can be increased even further.

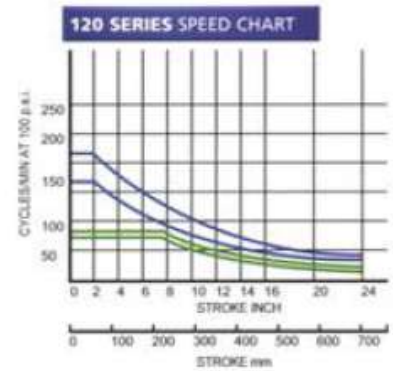
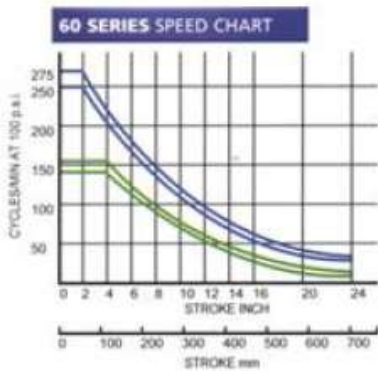
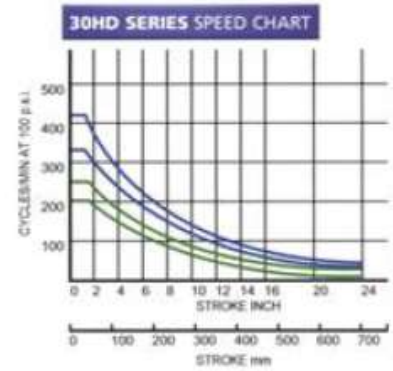
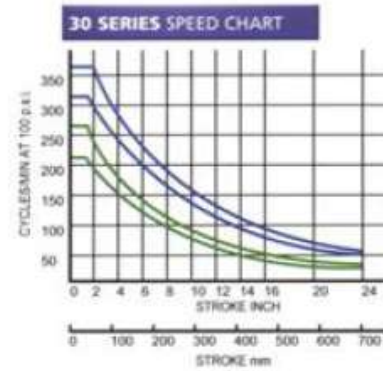
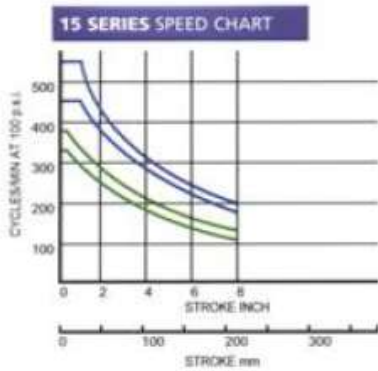
All POWAIR units incorporate a reversing feature as standard, enabling them to be positioned either way round on the press. In certain circumstances, using a unit in the reverse mode can be an advantage for pulling thin coil through a production line.



Airfeed Performance Data

Key: SPEED CHARTS

HIGH SPEED ———
STANDARD ———



POWAIR AIR FEEDERS

MODELS	Max Strip Width (mm)	Max Strip Thickness (mm)	Max Stroke (mm)	Strokes/Min (at max stroke)	Pulling Power at 700kPa (kg)
152	38	1.00	50	270	9
154			100	200	
156			150	160	
158			200	130	
1510			255	110	
1512			305	90	
252	64	0.80	50	230	9
254			100	175	
256			150	140	
258			200	110	
2510			255	95	
2512			305	80	
303	75	1.90	75	200	20
306			150	140	
308			200	110	
3010			255	95	
3012			305	88	
3016			405	50	
3020			505	35	
3024			610	20	
404	100	1.8	100	180	20
406			150	140	
408			200	110	
4010			255	95	
4012			305	70	
4016			405	50	
4020			505	35	
4024			610	18	
606	150	1.70	150	120	45
6010			255	80	
6012			305	70	
6016			405	40	
6020			505	25	
6024			610	18	
804	200	1.65	100	150	45
808			200	100	
8010			255	80	
8012			305	70	
8016			405	40	
8020			505	25	
8024			610	15	
1004			255	1.60	
10010	255	80			
10012	305	70			
10016	405	40			
10020	505	25			
10024	610	15			
1206	305	2.00	150	70	65
12012			305	40	
12016			405	30	
12020			505	20	
12024			610	15	

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Heavy Duty MODELS	Max Strip Width (mm)	Max Strip Thickness (mm)	Max Stroke (mm)	Strokes/Min (at max stroke)	Pulling Power at 700kPa (kg)
303HD	76	2.3	75	200	45
306HD			150	140	
3010HD			255	95	
3012HD			305	80	
3016HD			405	45	
3020HD			505	35	
3024HD			610	20	
606HD	150	2.3	150	110	66
6010HD			255	80	
6012HD			305	70	
6016HD			405	40	
6020HD			505	25	
6024HD			610	18	
606HDX	150	4.0	150	50	136
6010HDX			255	50	
6012HDX			305	45	
6016HDX			405	35	
6020HDX			505	25	
6024HDX			610	25	
1206HD	305	3.2	150	70	136
12010HD			255	45	
12012HD			305	40	
12016HD			405	30	
12020HD			505	20	
12024HD			610	16	
1406HDX	355	4.0	150	55	272
14010HDX			255	45	
14012HDX			305	40	
14016HDX			405	30	
14020HDX			505	20	
14024HDX			610	12	
1606HD	405	2.3	150	70	136
16010HD			255	50	
16012HD			305	45	
16016HD			405	35	
16020HD			505	25	
16024HD			610	16	
2006HD	505	1.9	150	70	136
20010HD			255	50	
20012HD			305	30	
20016HD			405	26	
20020HD			505	20	
20024HD			610	15	
2406HD	610	1.5	150	46	136
24010HD			255	20	
24012HD			305	26	
24016HD			405	20	
24020HD			505	14	
24024HD			610	10	