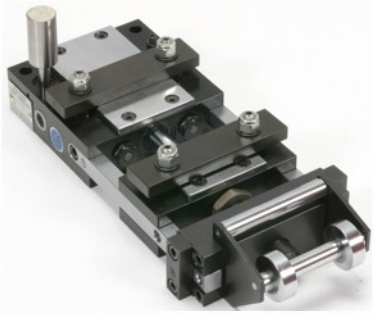
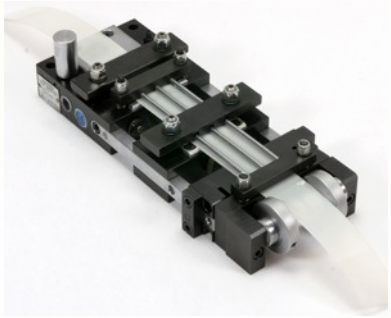
Press Feeders

System
Technology
Solutions





AUTOLINE
AUTOMATION LIMITED

Vibratory Feeders | Aluminium Slot Profile | Bowl Feeders
Vision Systems | Conveyors | Magnetics

Press Feeders

herrblitz modular system

- The Herrblitz feeders are available in 120 standard models with the possibility to further increase the range. A wide range of different versions can be obtained with a few basic elements.
- The Normal and Middle series of feeders are particularly suitable for feeding small strips. The main characteristic is their installation directly onto the die. The vertical movement of the top die actuates the feeder as well.
- The feeders of the SX-ZX series are very well suited for the feeding of wide but very thin strips. Both the SX-ZX and V-K series use the power of two traction cylinders.
- The Heavy and Maxi series contains and develops, high power within a very compact structure. The Maxi series is characterized by 3 or 4 pulling cylinders.

The main constructional characteristics of Herrblitz feeders are:

- Rigid, strong, but with minimal wear characteristics.
- Quality of materials employed.

All items which are subject to reversal shocks or sliding motions are hardened or hard-chrome plated. In order to avoid any problems arising from the humidity existing in the compressed air, valves and pistons have been produced in stainless steel of high mechanical resistance. The cylinder liners are in hardened bronze.

- Pitch Accuracy

Very strong front and rear shock-absorbers guarantee a very high pitch accuracy. On the most powerful feeders, which have 5 rear and 4 front shock-absorbers, it is possible to adjust the absorption coefficient of the shock -absorbers.

- High Thickness Sliding Plates.

It is possible to realise special guides on the sliding plates for the feeding of special profiles. On request, hardened plates or plates in plastic material for feeding of very delicate strips or magnetic strips can be supplied.

- Hind-Roller at Strip Plates.

It is also possible to install a hind-roller to guide the strip at its entry and to reduce eventual friction.

- Sliding Guides

Strong sliding guides, hardened and ground, are in use on our feeders. The feed pitch adjustment is very easy. It is enough to shift the rear stop block into the different grooves on the guides.

- Quiet
- Low air consumption and inexpensive
- Simple Installation

A wide range of accessories is available

- Remote control by solenoid-valve (instead of the standard mechanical valve).
- Special Clamp for pilot release when centering pilots are used.
- Protection cover for accident prevention
- Support frame with system for connecting it to the press
- Roller Conveyor at strip entry
- Multi-stroke Counter for the repetition of feed strokes
- Filter and Lubricator for compressed air.

Onto the Herrblitz feeders it is also possible to install:

- Guiding Device for very thin and delicate strips. It allows to push-feed strips of thickness 0.05 mm and the use of the whole feeder width.
- Non Motorised Straightening device for strips and wires

This straightening solution, Herrblitz patent, guarantees very good results with maximum simplicity of use.

- Pneumatic cutting machines for strips and wires.

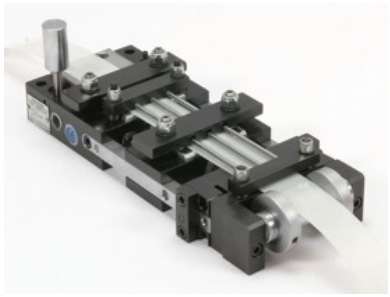
It is possible to feed and cut strips and wires in a large variety of materials (plastic, steel, paper). Control and speed adjustment through an electronic device. A simple connection to electricity and compressed air is necessary.

- Special shaped clamps for feeding of special material configurations or of circular sections.

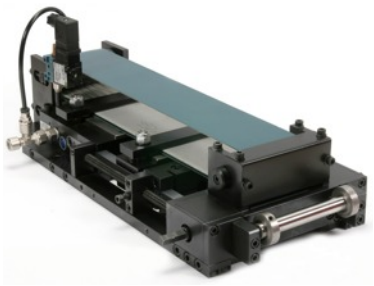
herrblitz modular system

Pneumatic Feeders

Pneumatic Spring Clamp

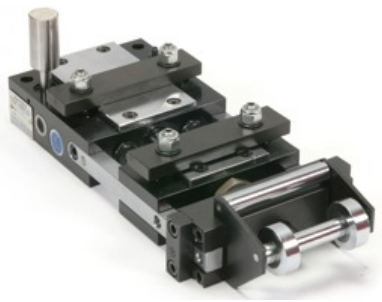


Special guiding devices for soft cables

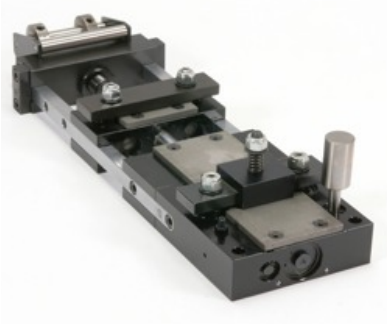


Small belts added for feeding very thin strips

Optional Pneumatic Valve



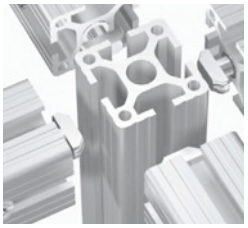
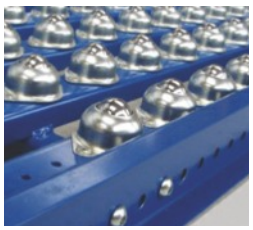
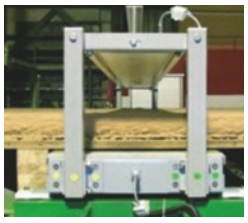
Standard Configuration



Spring Clamp

herrblitz® modular system

Type	Strip width Max, Min	Stroke Max, Min	Strip Thickness	Series
A 50	50	50	1.9	Normal
A 100	50	100	1.8	
A 150	50	150	1.5	
A 200	50	200	1.3	
A 250	50	250	1.1	
B 50	75	50	1.8	
B 100	75	100	1.7	
B 150	75	150	1.6	
B 200	75	200	1.2	
B 250	75	250	1.1	
C 50	100	50	1.7	
C 100	100	100	1.5	
C 150	100	150	1.4	
C 200	100	200	1.3	
C 250	100	250	1.2	
BX 50	75	50	2.2	Middle
BX 100	75	100	2	
BX 150	75	150	1.8	
BX 200	75	200	1.6	
BX 250	75	250	1.5	
CX 50	100	50	2	
CX 100	100	100	1.8	
CX 150	100	150	1.7	
CX 200	100	200	1.6	
CX 250	100	250	1.5	
DX 50	150	50	1.6	
DX 100	150	100	1.4	
DX 150	150	150	1.2	
DX 200	150	200	1	
DX 250	150	250	1	
SX 50	205	50	1.5	Middle 2 Pulling Cylinders
SX 100	205	100	1.3	
SX 150	205	150	1.1	
SX 200	205	200	1	
SX 250	205	250	1	
ZX 50	305	50	1.1	
ZX 100	305	100	0.9	
ZX 150	305	150	0.7	
ZX 200	305	200	0.5	
ZX 250	305	250	0.5	
P1	155	100	3.8	Heavy - Duty
P2	155	200	3.5	
P3	155	300	3	
S1	205	100	3	
S2	205	200	3	
S3	205	300	3	
Z1	305	100	3	
Z2	305	200	3	
Z3	305	300	2.5	
V1	460	100	3	Heavy - Duty 2 Pulling Cylinders
V2	460	200	2.5	
V3	460	300	2	
V4	460	400	1.8	
K1	610	100	2.5	
K2	610	200	2	
K3	610	300	1.8	
K4	610	400	1.5	
TZ1	305	100	4.5	Maxi 3-4 Pulling Cylinders
TZ2	305	200	4	
TZ3	305	300	3.5	
2TV1	460	100	3.5	
2TV2	460	200	3	
2TV3	460	300	2.5	
2TV4	460	400	2	
2TK1	610	100	3	
2TK2	610	200	2.5	
2TK3	610	300	2	
2TK4	610	400	1.5	

MayTec®	Aluminium Slot Profile System	 
GRATIS GUARD MODULAR SAFETY SYSTEMS	Modular Safety Guarding Systems	 
AluPro™	Aluminium Modular Conveyor Systems	 
RollPro™	Gravity & Powered Roller Conveyor Systems	 
ERIEZ®	Magnetic Separation Metal Detectors Vibratory Feeders, Heavy Industrial Separation	 
Automation Devices, Inc.	Vibratory Bowl Feeders and Small Part Orientating	 
herrblitz® modular system	Pneumatic and Servo Strip Feeders for Press Applications	 
MAPE	Rotary Index Tables	

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