

In our catalogue you will:

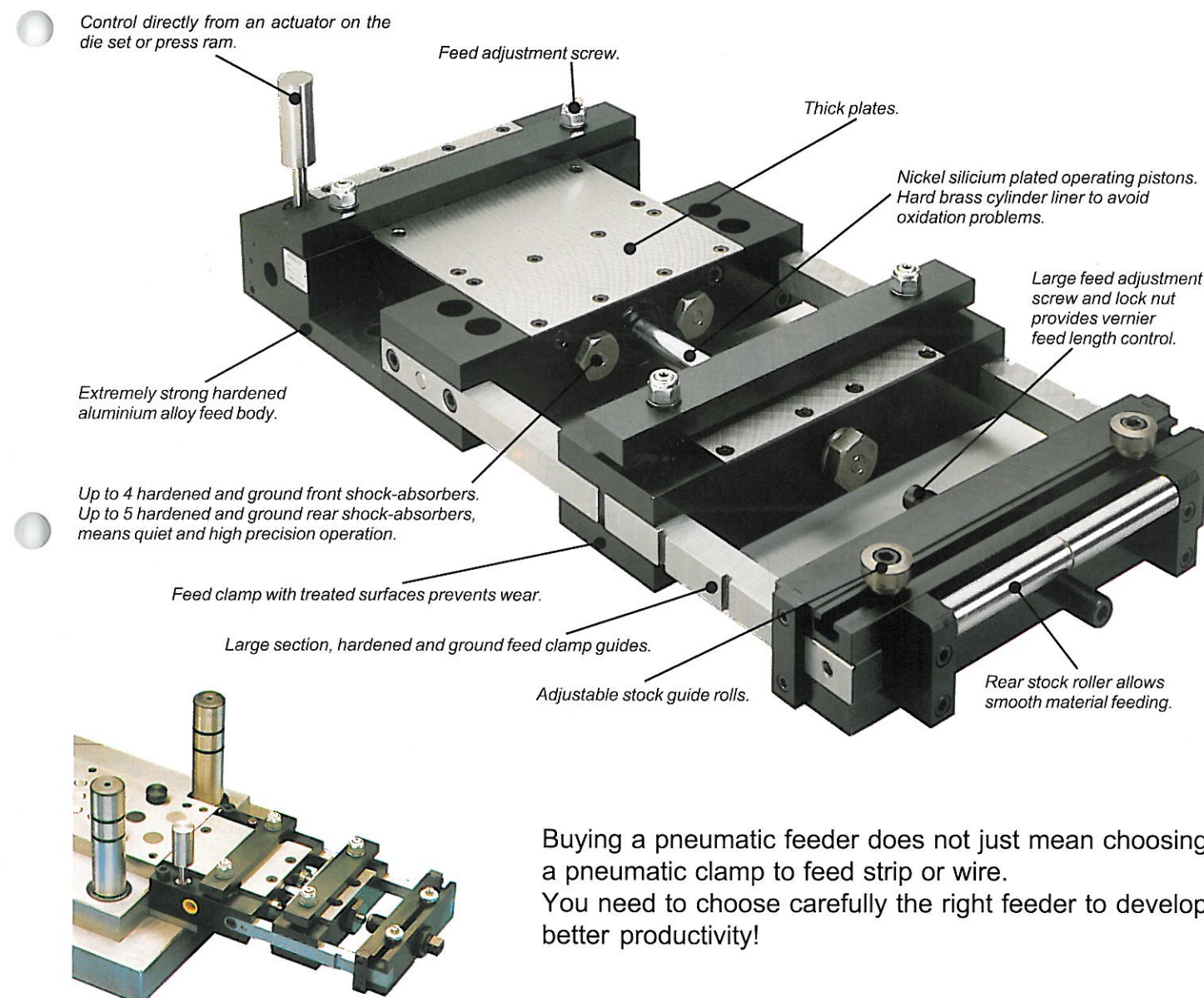
- discover a number of reasons why herrblitz should be the name you choose for your next pneumatic feeder.
- become better informed on what to look for when you compare herrblitz quality and value with any other competitive makes on the market.

Contents:

• General features	Page	1
• Normal Series type ABC	Page	2
• TER Series type ABC	Page	3
• Middle Series type BX-CX-DX	Page	4
• Middle Series, two pulling cylinders, type SX-ZX	Page	6
• Heavy-duty Series type PSZ	Page	8
• Heavy-duty Series, two pulling cylinders, type V-K	Page	10
• Maxi Series, three pulling cylinders, type TZ	Page	12
• Maxi Series, four pulling cylinders, type 2TV-2TK	Page	14
• Stock straighteners with incorporated feeder, Middle Series RX ..	Page	16
• Stock straighteners with incorporated feeder Heavy-duty Series and Maxi Series	Page	18
• Thin material guiding device type DGN (guiding rods)	Page	20
• Thin material guiding device type GNR (single belt)	Page	21
• Thin material guiding device type 2GNR (double belt)	Page	22
• Pneumatic cutter for strips: - Middle Series type CHN - Heavy-duty Series type CM	Page	23
• Wire straighteners	Page	24
• Wire cutters type CHR5 - CM	Page	25
• Accessories	Page	26
• Push-pull feeding system	Page	27
• Shaped and special clamps	Page	28

Europe Patent n° 0655405
Europe Patent n° 0655406

USA Patent n° 5513790
USA Patent n° 5505360



Buying a pneumatic feeder does not just mean choosing a pneumatic clamp to feed strip or wire. You need to choose carefully the right feeder to develop better productivity!

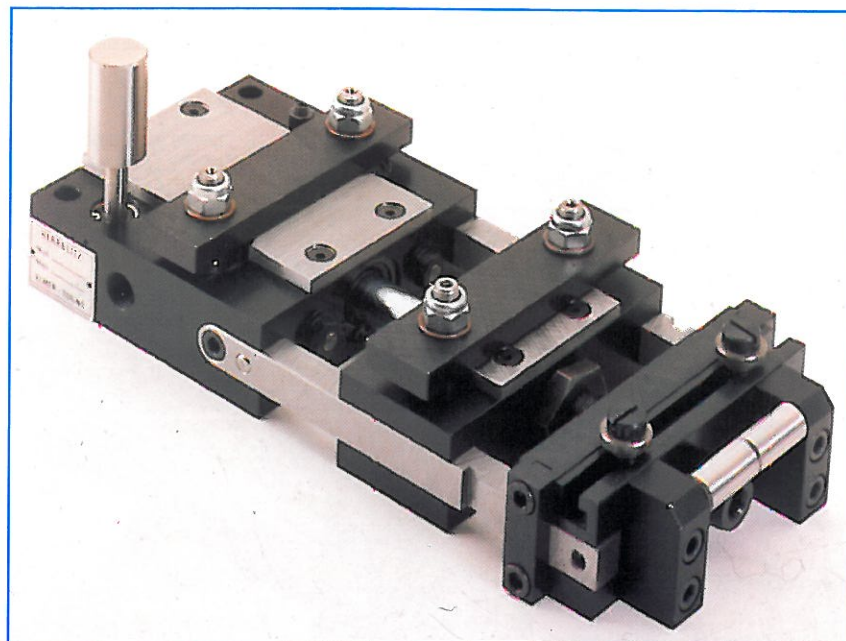
There are 120 models to choose from, each one incorporating high performance mechanical and pneumatic features which you are unlikely to find anywhere else:

rigid and strong structure with minimal wear characteristics, mounted as close as possible to the die set or on the die set in case of thin strips;
very high pitch accuracy because of powerful front and rear shock-absorbers;
quietness;
low air consumption;
simple installation (it is an interchangeable component from one die set to the other);
durability (all sliding components are hardened or hard-chrome plated - pistons in stainless steel - hard brass cylinder liners to avoid oxidation problems);

herrblitz is the right feeder for all your needs! small and fast when feeding thin materials; strong and powerful with thick materials; with special clamps for feeding different wires, shaped materials and tubes.

... this is the reason to buy **herrblitz** !

NORMAL SERIES



SIMPLE INSTALLATION

They are mounted directly on the die sets. Two mounting screws are all that's necessary. Actuating system by mechanical valve or by pneumatic or electric remote control.

ACCURATE

All Herrblitz feeders are fitted with pneumatic shock absorbers for maximum feed accuracy, also at high feeding speeds. Features include quiet operation and low air consumption.

COMPACT

No connections outside the feeder are required, except for the compressed air line.

Dimensional characteristics
(they are the same for the normal series and the Ter series)

TYPE	E	F	G	P
A 50	238	107	89	40
A 100	338	107	89	40
A 150	438	107	89	40
A 200	538	107	89	40
A 250	638	107	89	40
B 50	238	132	114	52.5
B 100	338	132	114	52.5
B 150	438	132	114	52.5
B 200	538	132	114	52.5
B 250	638	132	114	52.5
C 50	238	157	139	65
C 100	338	157	139	65
C 150	438	157	139	65
C 200	538	157	139	65
C 250	638	157	139	65

When using the other feeders fitted on the press table, the die-to-feeder distance will often cause bending of the workstrip, resulting in feed inaccuracy, processing problems, or even damaging of dies.

In case thin workstrips are to be processed, other feeders fitted to the press cannot operate properly for the reasons detailed above.

HERRBLITZ feeders eliminate all such troubles, as they are fitted directly onto the die set.

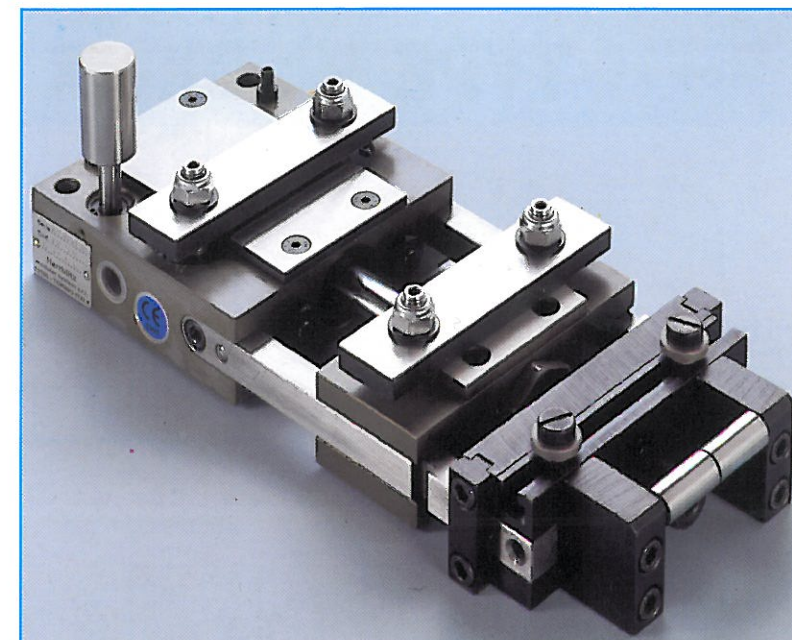
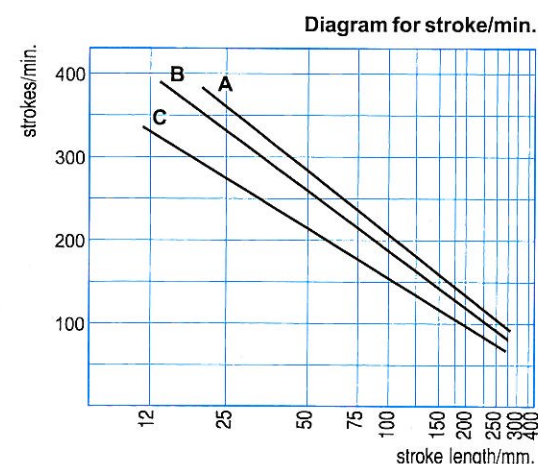
Because of their very competitive price, it is economical to fit one feeder on each die. In fact you just need to mount the feeder on the die set and adjust the feeding stroke. You only need a few minutes for set up, and you will have automatic units ready for use at all times.

You do away with the long and often troublesome matching work as is required by the so-called "universal" feeders; press-mounted universal feeders have always given doubtful if not thoroughly unsatisfactory results.

HERRBLITZ feeders offer customers four outstanding advantages: TIME SAVING, SAFETY IN PRODUCTION, VERY LOW COSTS OF PRODUCTION, LOW PRICE!

Technical features Working pressure: 5 ÷ 8 bar

TYPE	Max. strip Width mm.	Stroke mm.	Strip thickness mm.	Cycles min.	Pressure of fixed clamps Kg.	Pressure of mobile clamps Kg.	Traction force Kg.	Consumption litres/min.	Weight Kg.
A 50	50	50	1.90	280	64	120	24	50	3.9
A 100	50	100	1.80	200	64	120	24	71	4.8
A 150	50	150	1.50	160	64	120	24	80	5.7
A 200	50	200	1.30	130	64	120	24	85	6.1
A 250	50	250	1.10	110	64	120	24	90	7.3
B 50	75	50	1.80	260	64	120	24	46	4.8
B 100	75	100	1.70	190	64	120	24	67	5.8
B 150	75	150	1.60	150	64	120	24	78	6.8
B 200	75	200	1.20	110	64	120	24	77	7.8
B 250	75	250	1.10	90	64	120	24	78	8.8
C 50	100	50	1.70	210	64	120	24	37	5.6
C 100	100	100	1.50	160	64	120	24	56	6.6
C 150	100	150	1.40	120	64	120	24	68	7.8
C 200	100	200	1.30	90	64	120	24	63	9.0
C 250	100	250	1.20	80	64	120	24	70	10.1



TER SERIES

- made in aluminium alloy through-hardened
- new patented valve for very high speed
- hardened plates and clamps
- indestructible!

We have developed the TER feeder Series by installing a new special valve that increases the feeding speed.

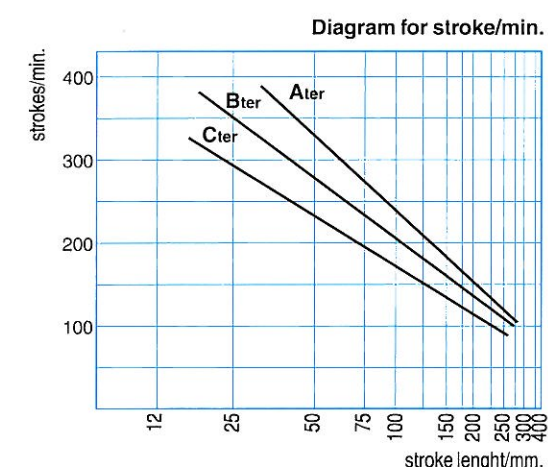
This series is specially designed for the high production of small parts but also when long feed strokes are needed.

Technical features

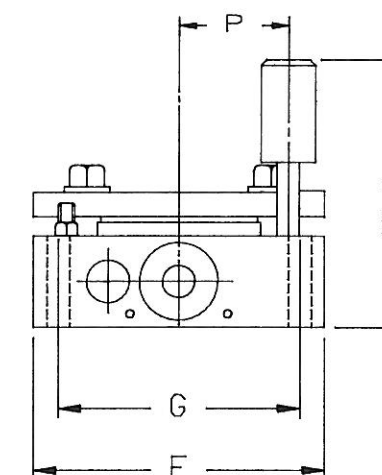
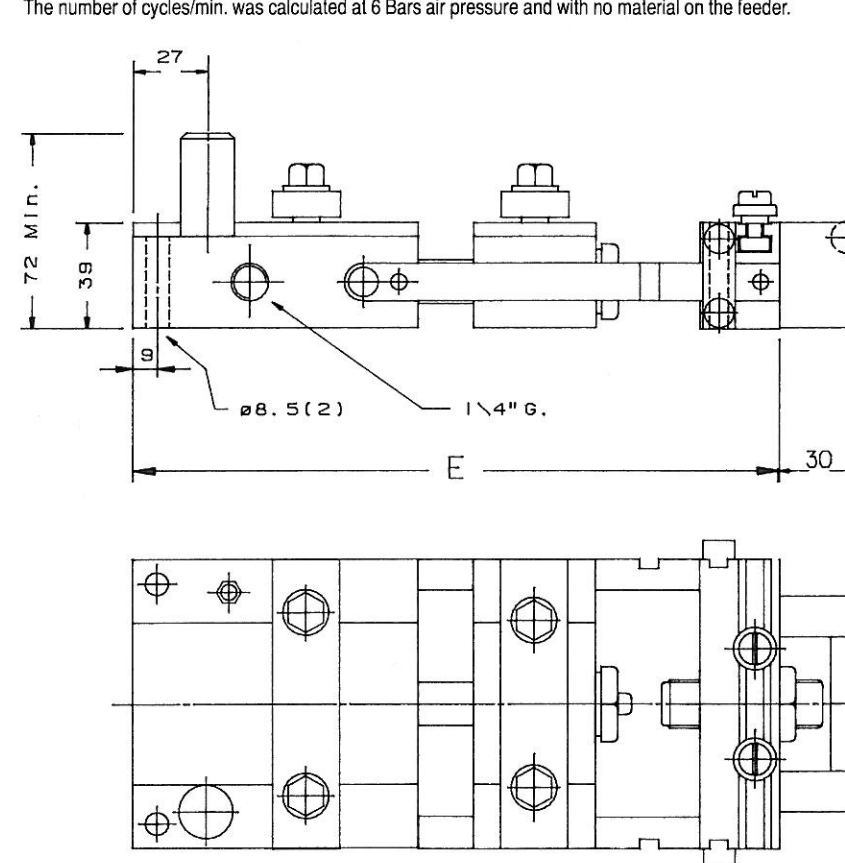
Working pressure: 5 ÷ 8 bar

TYPE	Max. strip Width mm.	Stroke mm.	Strip thickness mm.	Cycles min.	Pressure of fixed clamps Kg.	Pressure of mobile clamps Kg.	Traction force Kg.	Consumption litres/min.	Weight Kg.
A 50 TER	50	50	1.90	336	64	120	24	60	3.9
A 100 TER	50	100	1.80	249	64	120	24	87	4.8
A 150 TER	50	150	1.50	199	64	120	24	105	5.7
A 200 TER	50	200	1.30	162	64	120	24	114	6.1
A 250 TER	50	250	1.10	138	64	120	24	120	7.3
B 50 TER	75	50	1.80	285	64	120	24	50	4.8
B 100 TER	75	100	1.70	211	64	120	24	74	5.8
B 150 TER	75	150	1.60	169	64	120	24	89	6.8
B 200 TER	75	200	1.20	137	64	120	24	96	7.8
B 250 TER	75	250	1.10	117	64	120	24	103	8.8
C 50 TER	100	50	1.70	240	64	120	24	42	5.6
C 100 TER	100	100	1.50	179	64	120	24	63	6.6
C 150 TER	100	150	1.40	140	64	120	24	49	7.8
C 200 TER	100	200	1.30	116	64	120	24	81	9.0
C 250 TER	100	250	1.20	98	64	120	24	86	10.1

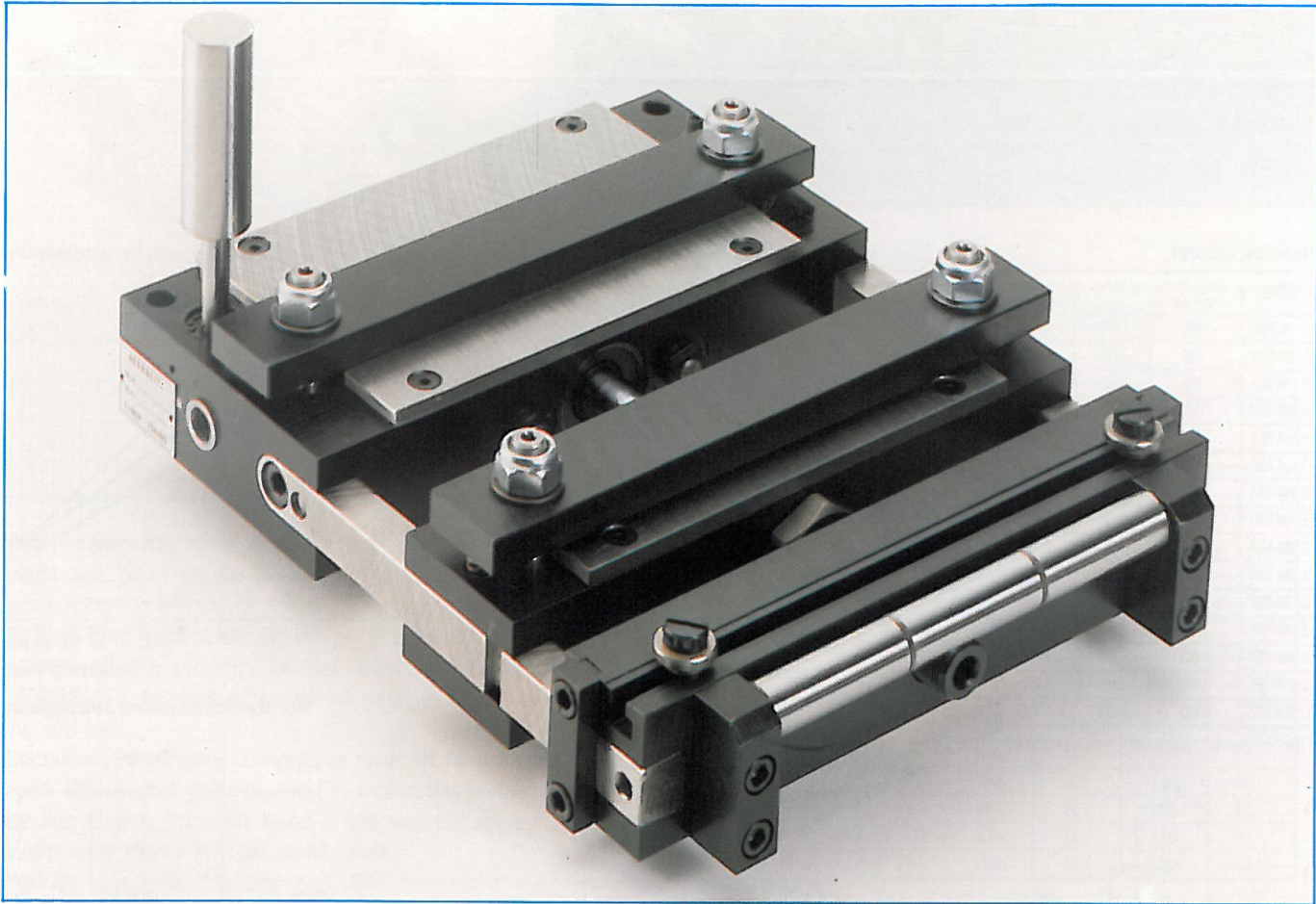
The number of cycles/min. was calculated at 6 Bars air pressure and with no material on the feeder.



For the accessories see page 26



MIDDLE SERIES



SIMPLE INSTALLATION

They are mounted directly on the die set.
Two connecting screws are all that's necessary.
Actuating system by mechanical valve or by pneumatic or electric remote control.

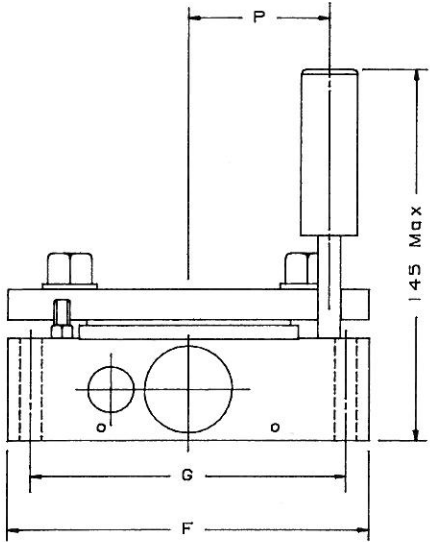
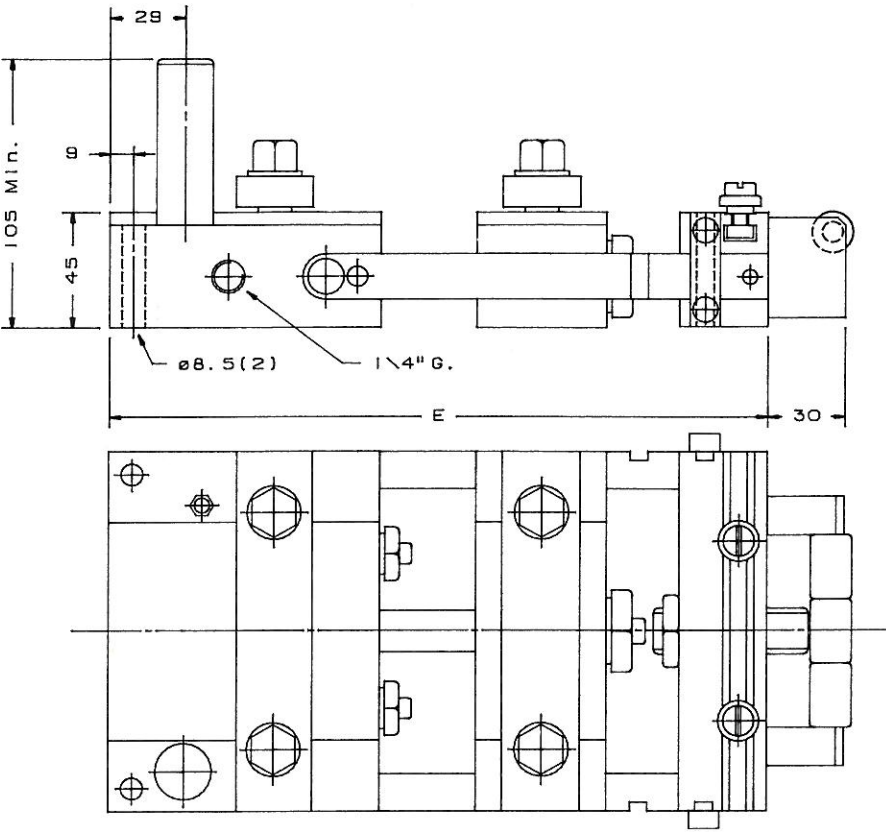
ACCURATE

All Herrblitz feeders are fitted with pneumatic shock absorbers for maximum feed accuracy at high feeding speeds.
Features include quiet operation and low air consumption.

COMPACT

No connections outside the feeder are required, except for the compressed air line.

The X series was provided for large production.
In fact, although it is compact and may be mounted directly on the die, it is also very strong.
The X series is fitted with a new patented valve, which increases its performances also at high speeds.



Technical features

TYPE	Max. strip Width mm.	Stroke mm.	Strip thickness mm.	Cycles min.	Pressure of fixed clamps Kg.	Pressure of mobile clamps Kg.	Traction force Kg.	Consumption litres/min.	Weight Kg.
BX 50	75	50	2.20	260	70	158	41	64	6.2
BX 100	75	100	2.00	180	70	158	41	92	7.7
BX 150	75	150	1.80	150	70	158	41	115	9.2
BX 200	75	200	1.60	120	70	158	41	122	10.7
BX 250	75	250	1.50	90	70	158	41	115	12.2
CX 50	100	50	2.00	240	70	158	41	61	7.3
CX 100	100	100	1.80	170	70	158	41	87	8.8
CX 150	100	150	1.70	140	70	158	41	107	10.2
CX 200	100	200	1.60	110	70	158	41	112	11.7
CX 250	100	250	1.50	90	70	158	41	115	13.1
DX 50	150	50	1.60	230	70	158	41	59	9.6
DX 100	150	100	1.40	160	70	158	41	82	11.2
DX 150	150	150	1.20	130	70	158	41	100	12.7
DX 200	150	200	1.00	100	70	158	41	102	14.2
DX 250	150	250	1.00	80	70	158	41	103	15.7

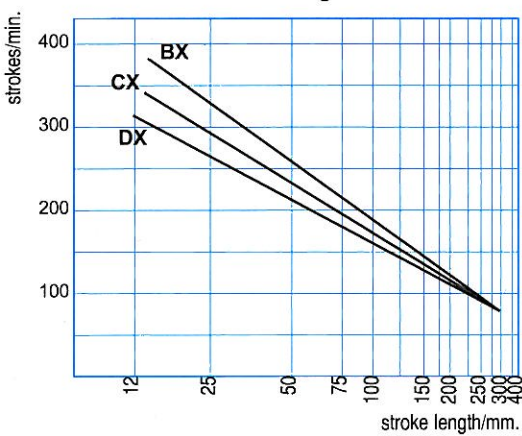
Working pressure: 5 ÷ 8 bar

The number of cycles/min. was calculated at 6 bar air pressure and with no material on the feeder.

Dimensional characteristics

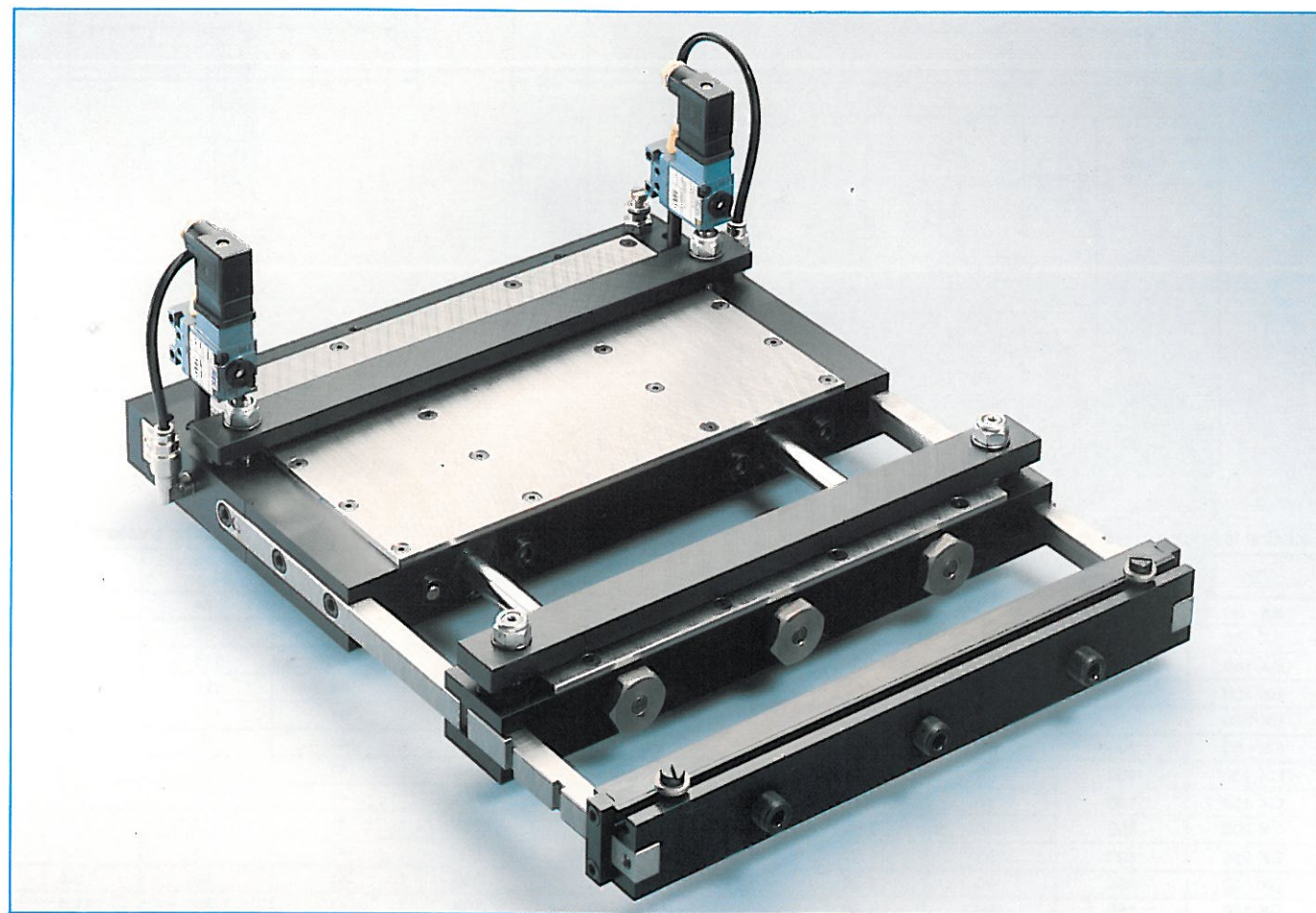
TYPE	E	F	G	P
BX 50	255	140	122	54.5
BX 100	355	140	122	54.5
BX 150	455	140	122	54.5
BX 200	555	140	122	54.5
BX 250	655	140	122	54.5
CX 50	255	165	147	67
CX 100	355	165	147	67
CX 150	455	165	147	67
CX 200	555	165	147	67
CX 250	655	165	147	67
DX 50	255	215	197	92
DX 100	355	215	197	92
DX 150	455	215	197	92
DX 200	555	215	197	92
DX 250	655	215	197	92

Diagram for stroke/min.



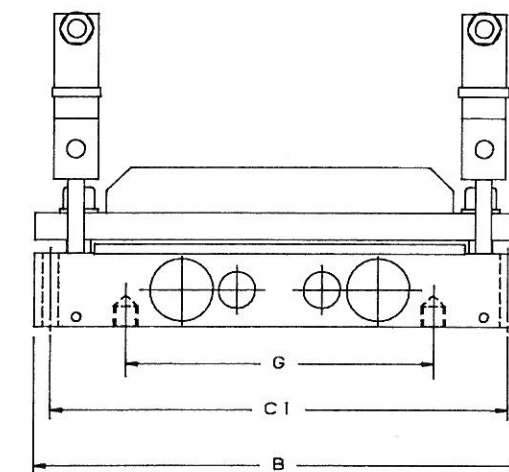
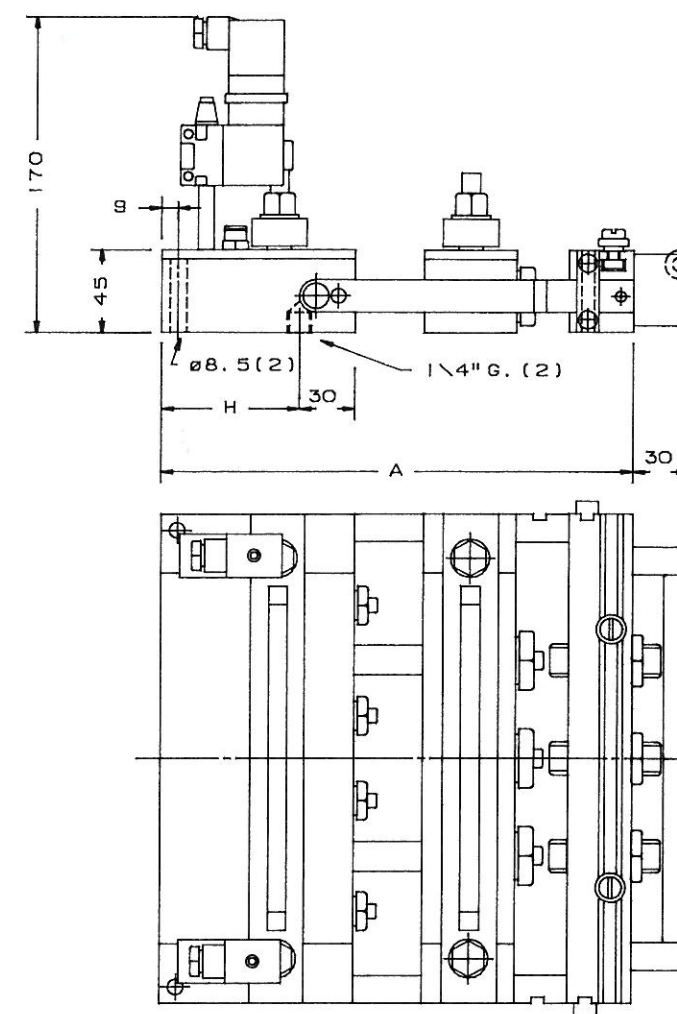
For the accessories see page 26

MIDDLE SERIES TWO PULLING CYLINDERS



The SX-ZX series, particularly suited to feed thin and wide strips, has the following features:

- strong structure and small dimensions allow the installation of the feeder directly on the die set;
- two pulling cylinders, insure perfect strip feeding at high feeding speeds;
- 4 front and 3 rear shock-absorbers;
- high feed accuracy and easy adjustment;
- control by electricvalves.



Technical features

TYPE	Max. strip Width mm.	Stroke mm.	Strip thickness mm.	Cycles min.	Pressure of fixed clamps Kg.	Pressure of mobile clamps Kg.	Traction force Kg.	Consumption litres/min.	Weight Kg.
SX 50	204	50	1.50	250	70	158	82	127	12.7
SX 100	204	100	1.30	180	70	158	82	180	14.9
SX 150	204	150	1.10	150	70	158	82	215	16.8
SX 200	204	200	1.00	140	70	158	82	250	18.9
SX 250	204	250	1.00	100	70	158	82	255	20.9
ZX 50	304	50	1.10	230	70	158	82	117	18.2
ZX 100	304	100	0.90	160	70	158	82	165	21.2
ZX 150	304	150	0.70	130	70	158	82	198	24.1
ZX 200	304	200	0.50	110	70	158	82	214	27.0
ZX 250	304	250	0.50	90	70	158	82	229	29.8

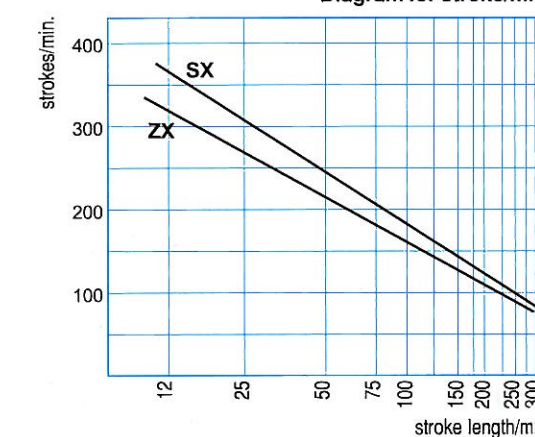
The number of cycles/min. was calculated at 6 bar air pressure and with no material on the feeder.

The feeders SX and ZX series may only be supplied with remote control by electricvalves.

Dimensional characteristics

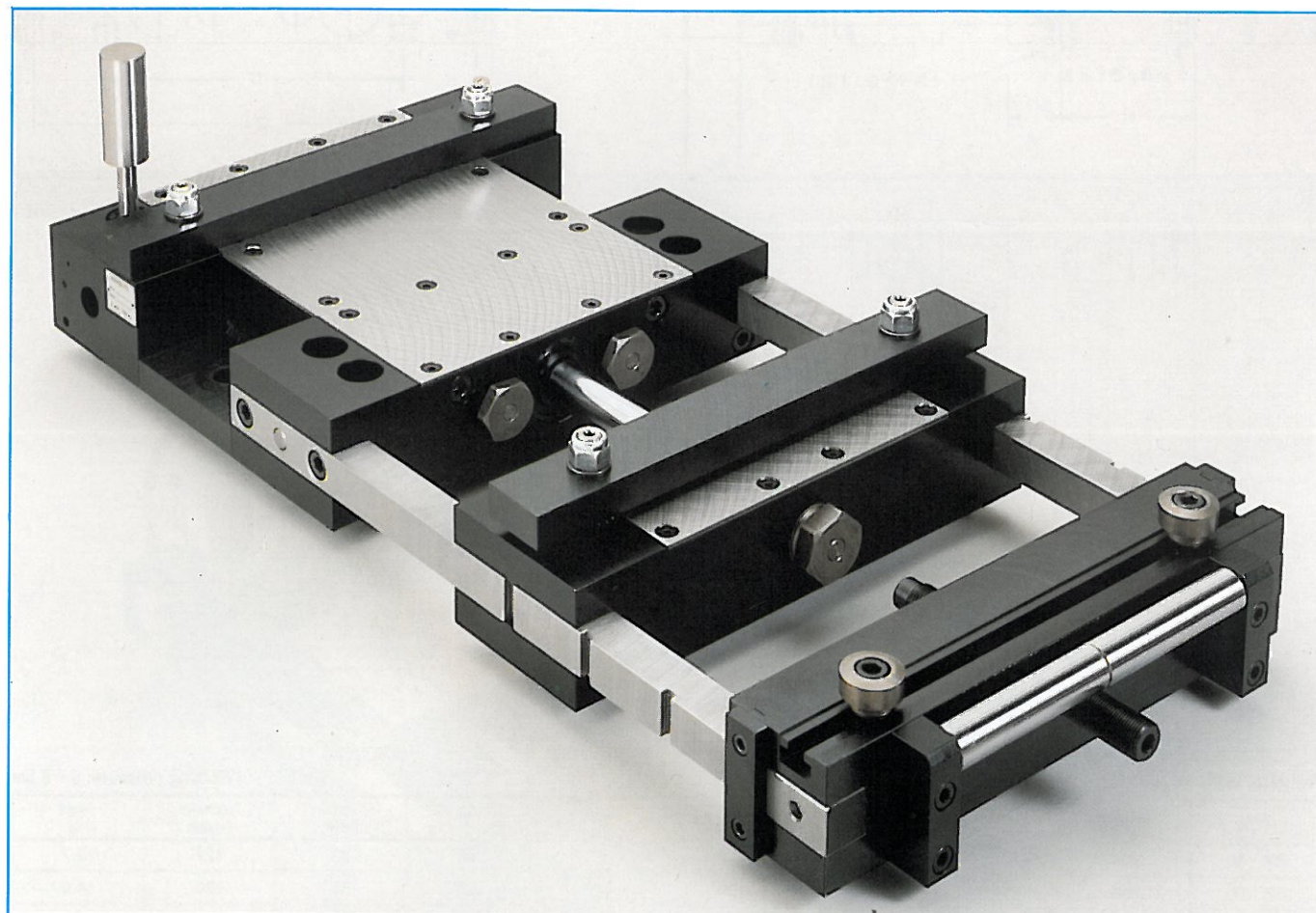
TYPE	A	B	C ₁	E	E ₁	H	G
SX 50	255	265	247	—	205	75	166
SX 100	355	265	247	115	205	125	166
SX 150	455	265	247	165	205	175	166
SX 200	555	265	247	215	205	225	166
SX 250	655	265	247	265	205	275	166
ZX 50	255	365	347	—	305	75	146
ZX 100	355	365	347	115	305	125	146
ZX 150	455	365	347	165	305	175	146
ZX 200	555	365	347	215	305	225	146
ZX 250	655	365	347	265	305	275	146

Diagram for stroke/min.



For the accessories see page 26

HEAVY-DUTY SERIES

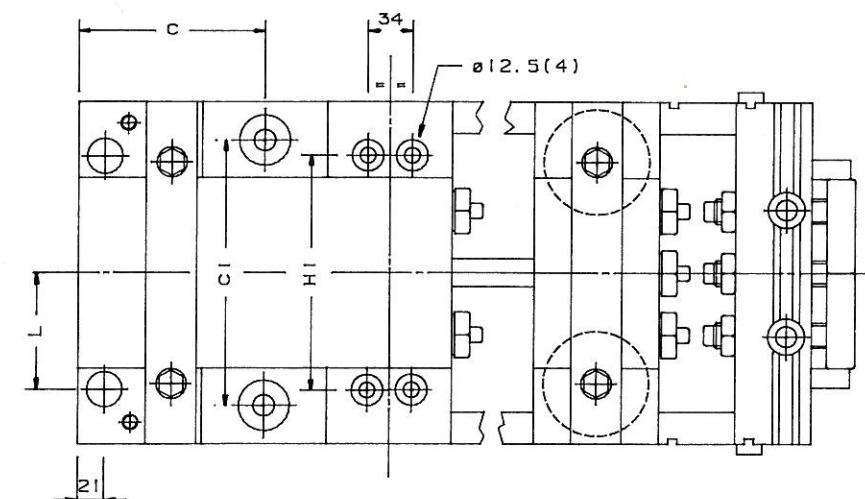
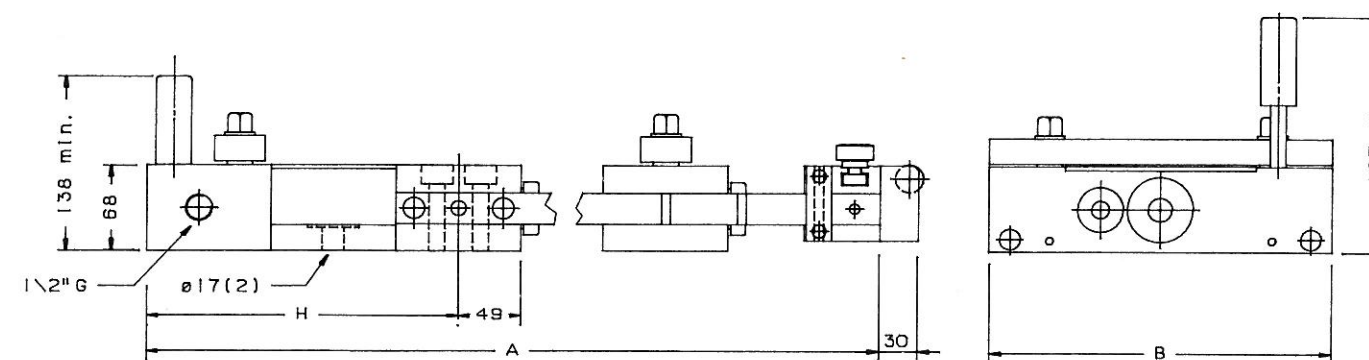


- Simple use and operation.
- Compact structure.
- High power and accuracy with a small space requirement.
- There are three ways of control:
 - directly from the die or the ram of the press with a mechanical valve;
 - with an electric valve from the cam of the press;
 - with a pneumatic valve from the cam of the press.
- Pilot release available for each type.



The heavy-duty series may be equipped with:

- adjustable support body with safety guard;
- connecting block with both horizontal and vertical adjustment, so that the feeder can be placed as near as possible to the die set;
- roller conveyor;
- filter-lubricator;
- rapid stroke device with handle;
- three way valve to release air.



Technical features

TYPE	Max. strip Width mm.	Stroke mm.	Strip thickness mm.	Cycles min.	Pressure of fixed clamps Kg.	Pressure of mobile clamps Kg.	Traction force Kg.	Consumption litres/min.	Weight Kg.
P1	155	100	3.8	140	126	604	108	184	32
P2	155	200	3.5	120	126	604	108	314	39
P3	155	300	3.0	70	126	604	108	275	46
S1	205	100	3.0	130	126	604	108	170	38
S2	205	200	3.0	110	126	604	108	288	45
S3	205	300	3.0	70	126	604	108	275	54
Z1	305	100	3.0	120	126	604	108	158	48
Z2	305	200	3.0	95	126	604	108	249	58
Z3	305	300	2.5	60	126	604	108	235	69

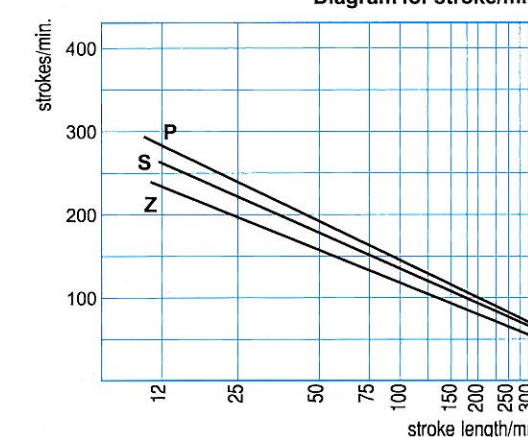
Working pressure: 5 ÷ 8 bar

The number of cycles/min. was calculated at 6 bar air pressure and with no material on the feeder.

Dimensional characteristics

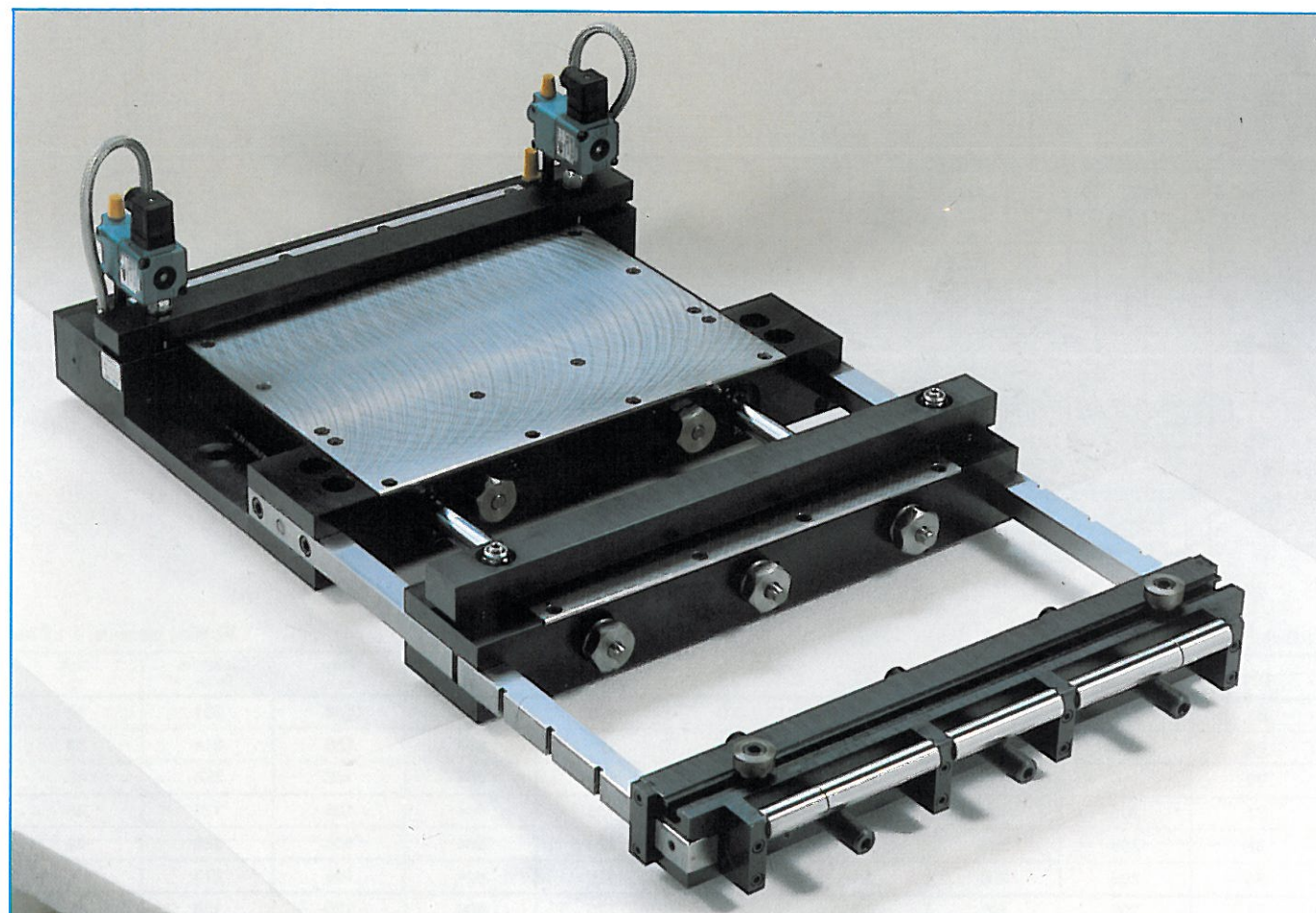
TYPE	A	B	C	C1	H	H1	L
P1	478	270	—	—	147	185	92
P2	676	270	147	210	245	185	92
P3	874	270	196	210	343	185	92
S1	478	320	—	—	147	235	117
S2	676	320	147	260	245	235	117
S3	874	320	196	260	343	235	117
Z1	478	420	—	—	147	335	167
Z2	676	420	147	360	245	335	167
Z3	874	420	196	360	343	335	167

Diagram for stroke/min.



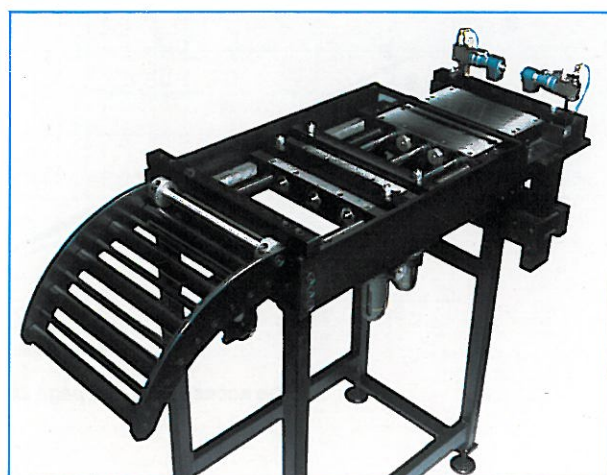
For the accessories see page 26

HEAVY-DUTY SERIES TWO PULLING CYLINDERS



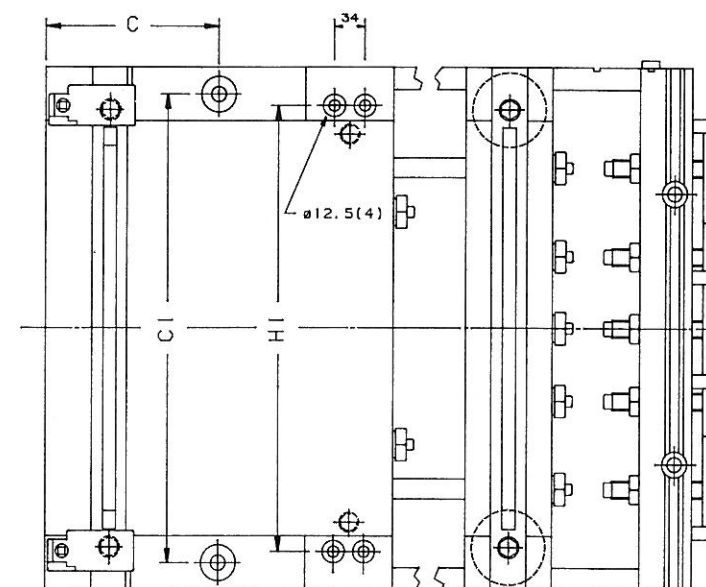
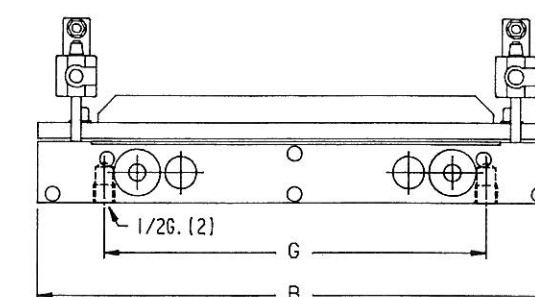
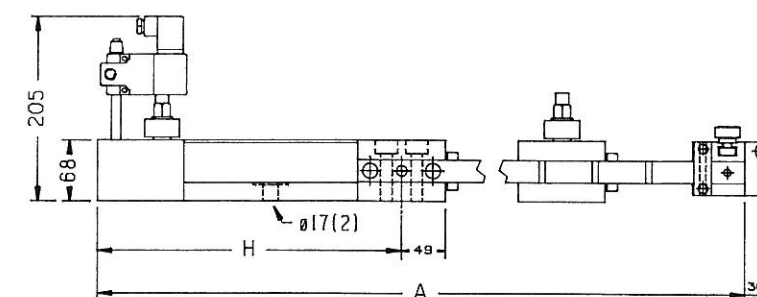
The V - K series has the following features:

- compactness
- two lateral pulling cylinders, insure perfect feeding at high speeds
- 4 front and 5 rear shock-absorbers;
- high feed accuracy and easy adjustment;
- control by electricvalves.



Feeders heavy-duty series with two pulling cylinders may be supplied complete with:

- adjustable support body with safety guard;
- connecting block with both horizontal and vertical adjustment, so that the feeder can be placed as near as possible to the die base;
- roller conveyor;
- filter-lubricator;
- rapid stroke device by handle;
- three way valve to release air.



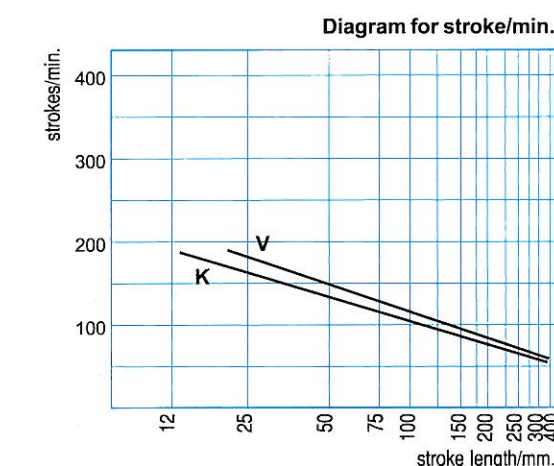
Technical features

TYPE	Max. strip Width mm.	Stroke mm.	Strip thickness mm.	Cycles min.	Pressure of fixed clamps Kg.	Pressure of mobile clamps Kg.	Traction force Kg.	Working pressure: 5 ÷ 8 bar	
								Consumption litres/min.	Weight Kg.
V1	460	100	3	120	126	604	216	314	101
V2	460	200	2.5	100	126	604	216	500	112
V3	460	300	2	80	126	604	216	620	123
V4	460	400	1.8	60	126	604	216	620	134
K1	610	100	2.5	110	126	604	216	288	116
K2	610	200	2.0	95	126	604	216	490	126
K3	610	300	1.8	75	126	604	216	580	139
K4	610	400	1.5	55	126	604	216	586	154

The number of cycles/min. was calculated at 6 bar air pressure and with no material on the feeder.
Feeders type V-K may only be supplied with remote control by electricvalves

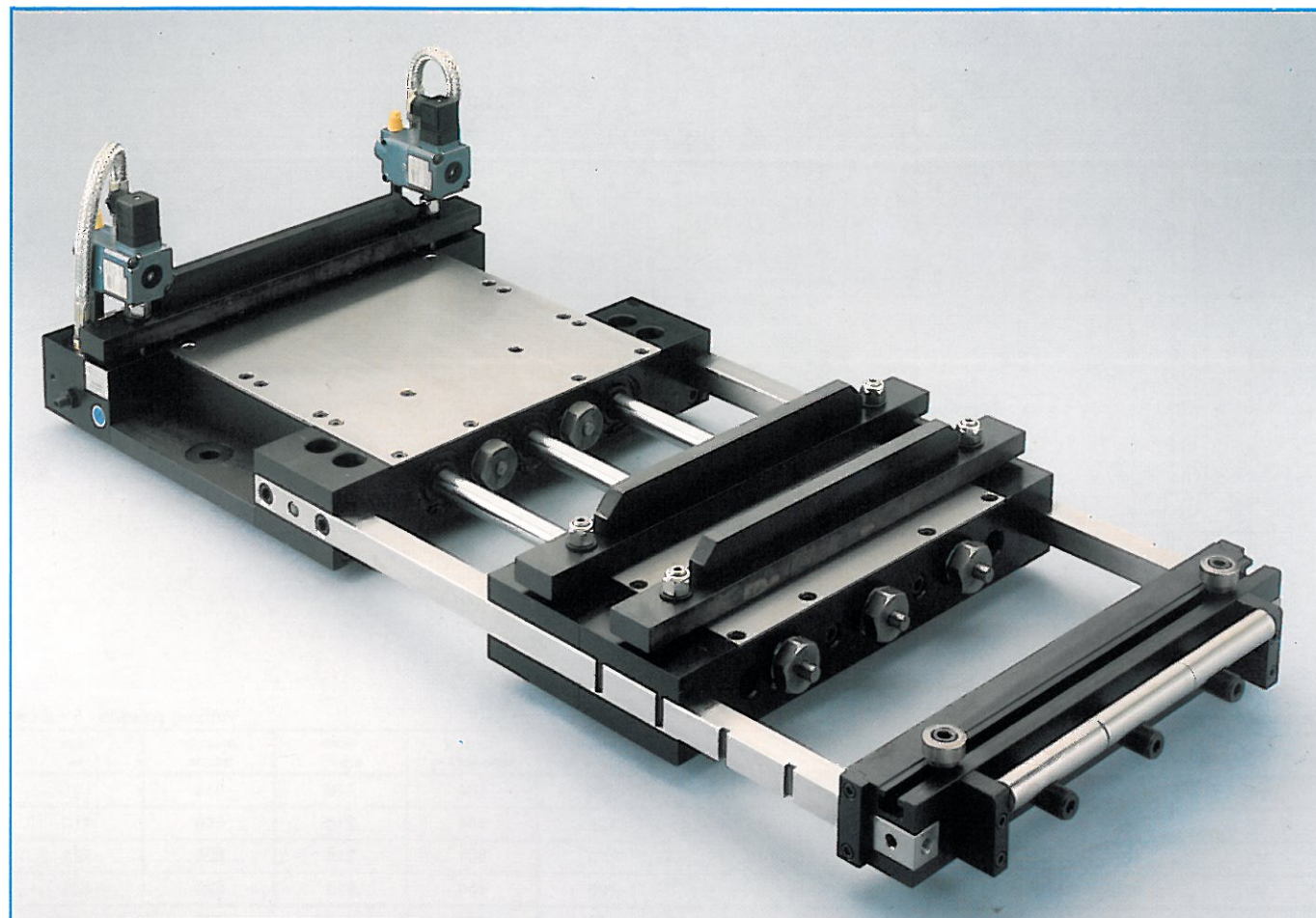
Dimensional characteristics

TYPE	A	B	C	C ₁	H	H ₁	G
V1	478	580	—	—	147	495	430
V2	676	580	147	520	245	495	430
V3	874	580	196	520	343	495	430
V4	1072	580	245	520	441	495	430
K1	478	730	—	—	147	645	580
K2	676	730	147	670	245	645	580
K3	874	730	196	670	343	645	580
K4	1072	730	245	670	441	645	580



For the accessories see page 26

MAXI SERIES THREE PULLING CYLINDERS



Maintaining the same characteristics of Herrblitz feeder's compactness, Maxi Series type TZ offers, in minimum space, maximum benefits compatible with a pneumatic feeder for strips.

The above series utilizes the power of 3 pulling cylinders, with max. strip feeding parallelism.

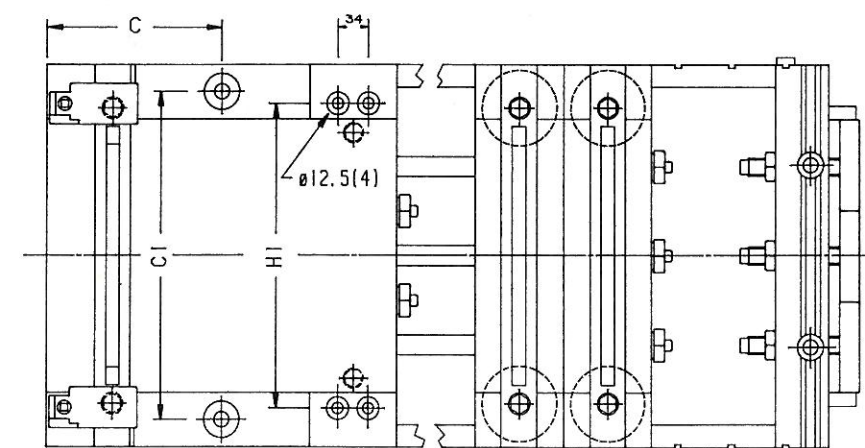
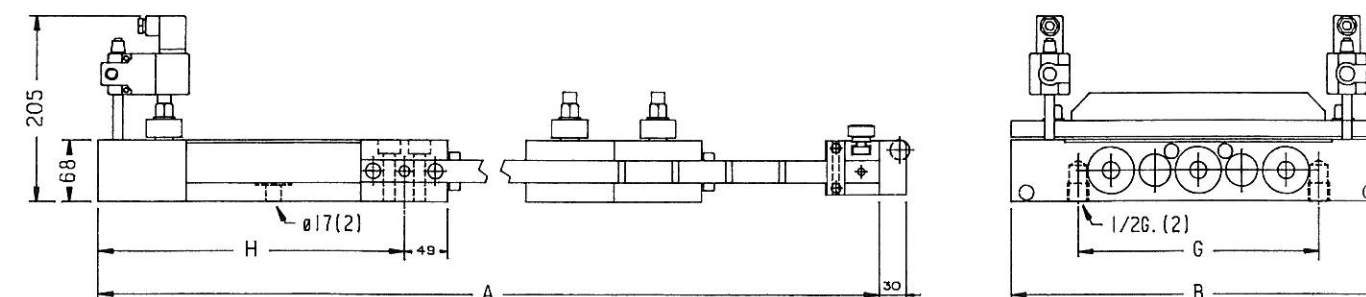
The 3 back shock absorbers permit adjustable shock absorption and high feeding precision.

Double grip clamp.



Herrblitz feeders maxi series, three pulling cylinders, may be supplied complete with:

- adjustable support body with safety guard;
- connecting bracket with both horizontal and vertical adjustment, so that the feeder can be placed as near as possible to the die set;
- roller conveyor;
- filter-lubricator;
- rapid stroke device by handle;
- three way valve to air release.



Technical features

TYPE	Max. strip Width mm.	Stroke mm.	Strip thickness mm.	Cycles min.	Pressure of fixed clamps Kg.	Pressure of mobile clamps Kg.	Traction force Kg.	Consumption litres/min.	Weight Kg.
TZ1	305	100	4.5	115	126	1208	324	450	65
TZ2	305	200	4.0	80	126	1208	324	620	78
TZ3	305	300	3.5	60	126	1208	324	707	91

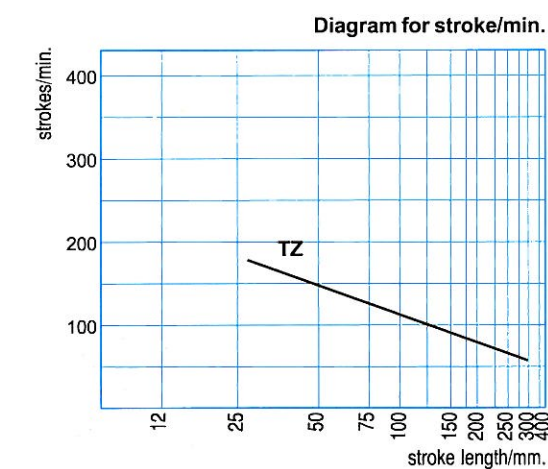
Working pressure: 5 ÷ 8 bar

The number of cycles/min. was calculated at 6 bar air pressure and with no material on the feeder.
The TZ series feeders may only be supplied with remote control by electric valves.

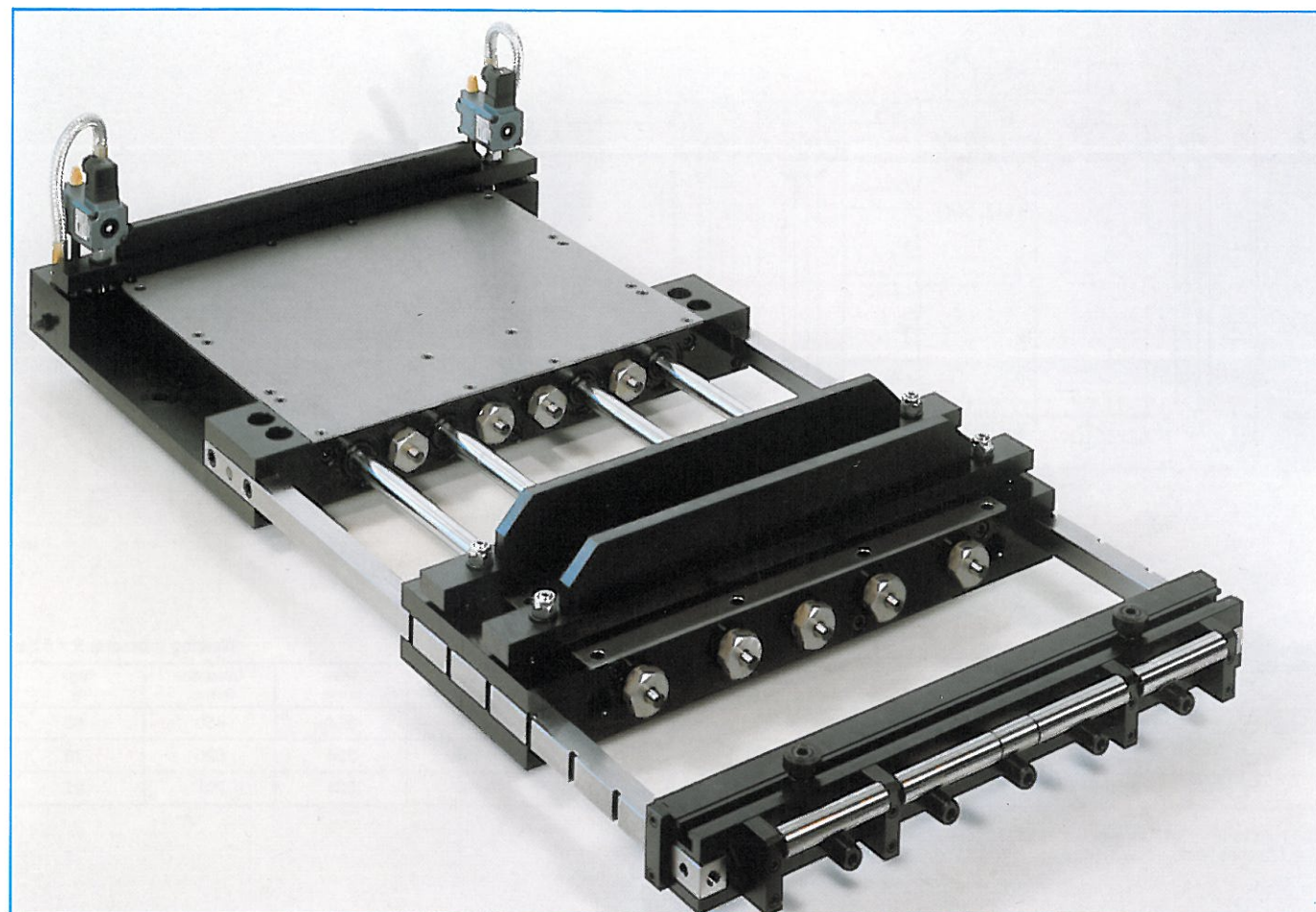
Dimensional characteristics

TYPE	A	B	C	C ₁	H	H ₁	G
TZ1	578	420	—	—	147	335	270
TZ2	776	420	147	360	245	335	270
TZ3	974	420	196	360	343	335	270

For the accessories see page 26



MAXI SERIES FOUR PULLING CYLINDERS



Maintaining the same characteristics of Herrblitz feeder's compactness, maxi series type 2TV-2TK offers, in minimum space, maximum benefits compatible with a pneumatic feeder for strips.

The above series utilizes the power of 4 pulling cylinders, with max. strip feeding parallelism.

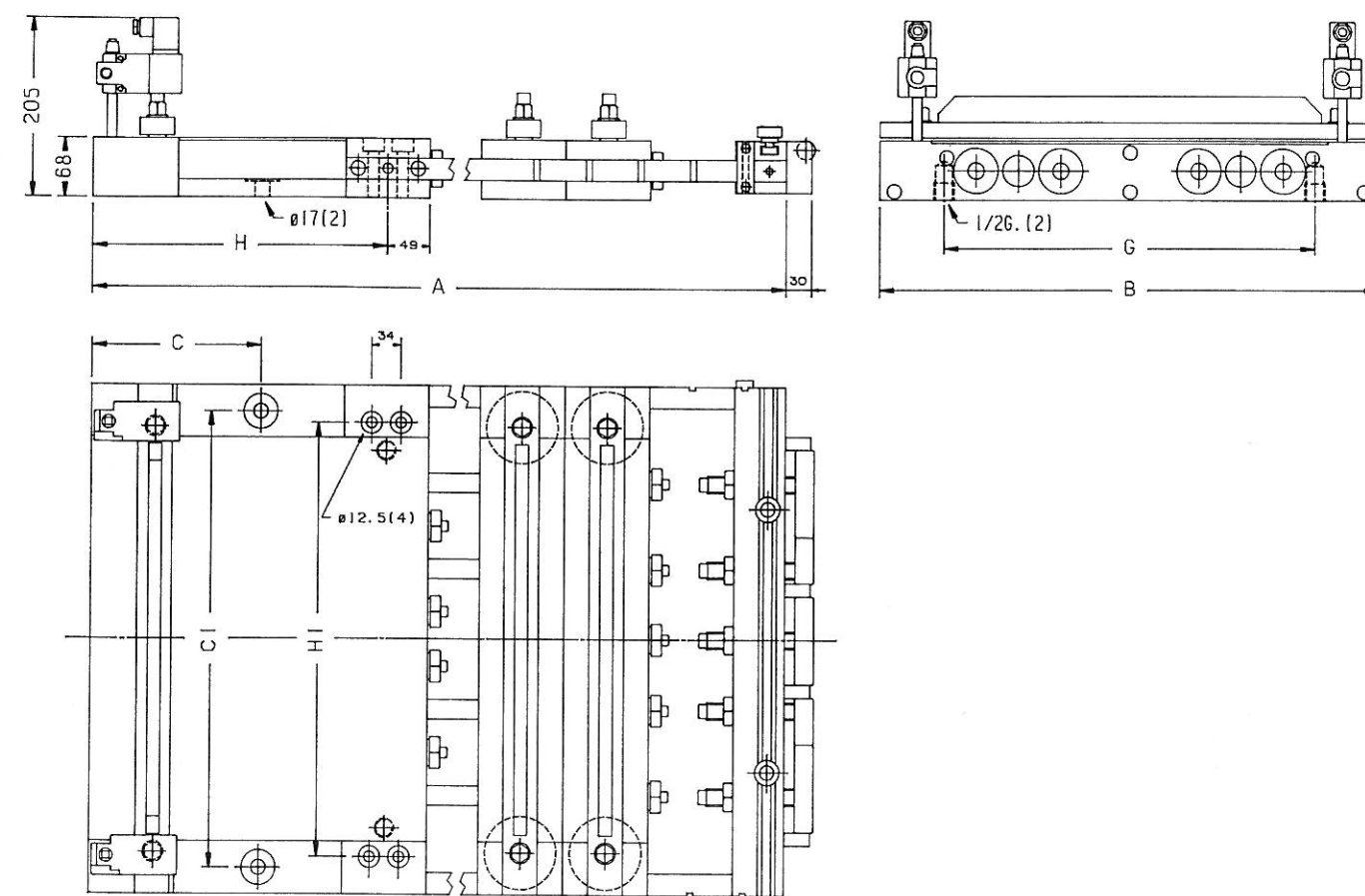
The 5 back and the 4 front shock absorbers permit adjustable absorption and high feeding precision.

Double grip clamp.



Herrblitz feeders maxi series, four pulling cylinders, may be supplied complete with:

- adjustable support body with safety guard;
- connecting block with both horizontal and vertical adjustment, so that the feeder can be placed as near as possible to the die set;
- roller conveyor;
- filter-lubricator;
- rapid stroke device by handle;
- three way valve to release air.



Technical features

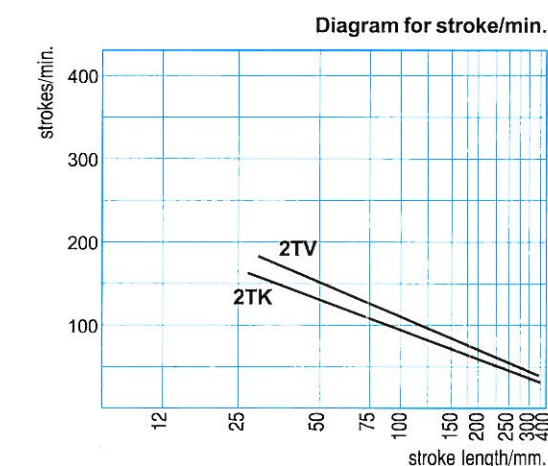
TYPE	Max. strip Width mm.	Stroke mm.	Strip thickness mm.	Cycles min.	Pressure of fixed clamps Kg.	Pressure of mobile clamps Kg.	Traction force Kg.	Consumption litres/min.	Weight Kg.
2TV1	460	100	3.5	110	126	1208	430	576	101
2TV2	460	200	3	85	126	1208	430	890	112
2TV3	460	300	2.5	65	126	1208	430	1020	123
2TV4	460	400	2	40	126	1208	430	838	134
2TK1	610	100	3	105	126	1208	430	550	116
2TK2	610	200	2.5	80	126	1208	430	838	126
2TK3	610	300	2	60	126	1208	430	943	139
2TK4	610	400	1.5	35	126	1208	430	734	154

Working pressure: 5 ÷ 8 bar

The number of cycles/min. was calculated at 6 bar air pressure and with no material on the feeder.
The feeders series 2TV-2TK may just be supplied with remote control by electric valves.

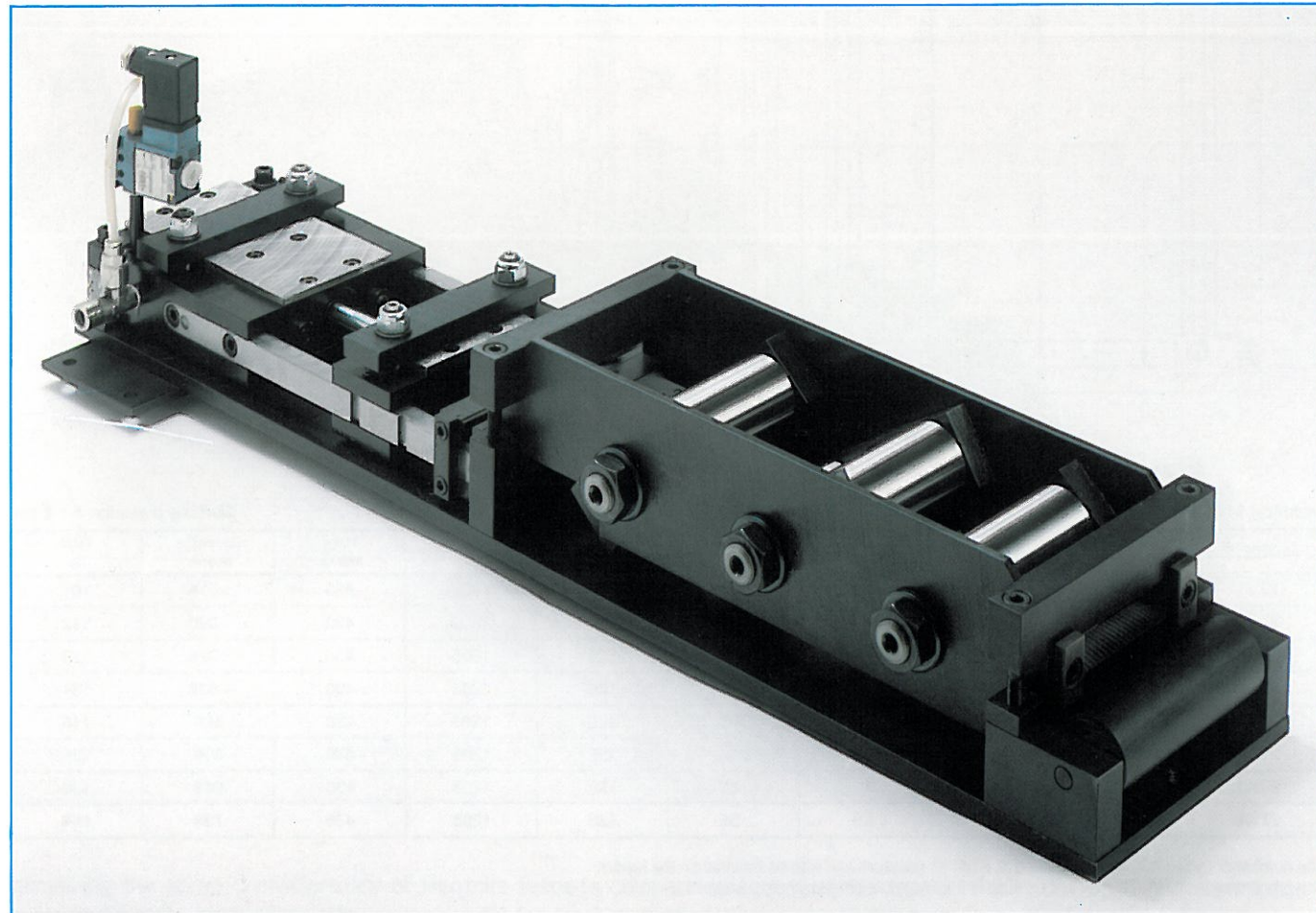
Dimensional characteristics

TYPE	A	B	C	C ₁	H	H ₁	G
2TV1	578	580	—	—	147	495	430
2TV2	776	580	147	520	245	495	430
2TV3	974	580	196	520	343	495	430
2TV4	1172	580	245	520	441	495	430
2TK1	578	730	—	—	147	645	580
2TK2	776	730	147	670	245	645	580
2TK3	974	730	196	670	343	645	580
2TK4	1172	730	245	670	441	645	580



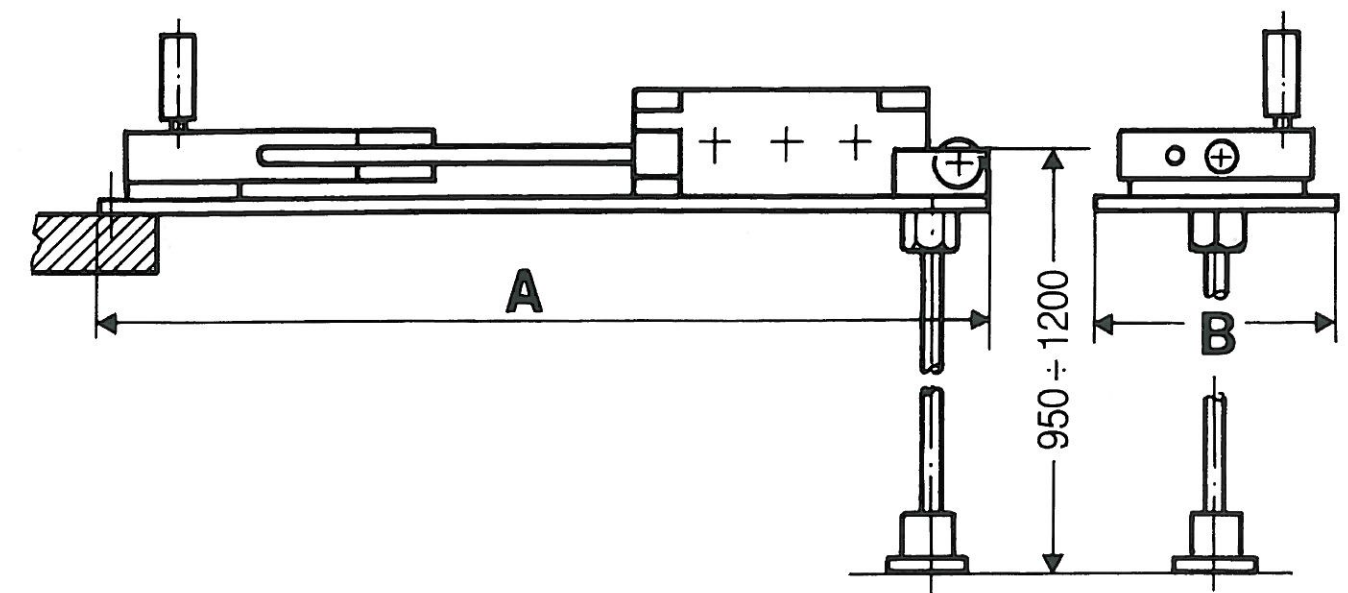
For the accessories see page 26

MIDDLE SERIES FEEDERS WITH INCORPORATED STRAIGHTENING DEVICE OF BALANCE-TYPE



Herrblitz feeder with incorporated non-motorised straightening device of balance type, provides reduced friction in comparison with other straighteners: this increases the feeder's performance and decreases its strain in pulling the strip. In this way you can straighten thicker strips with the same power.

Feeder and straightener are both mounted on a slider-body with a roller conveyor and a rear adjustable leg.



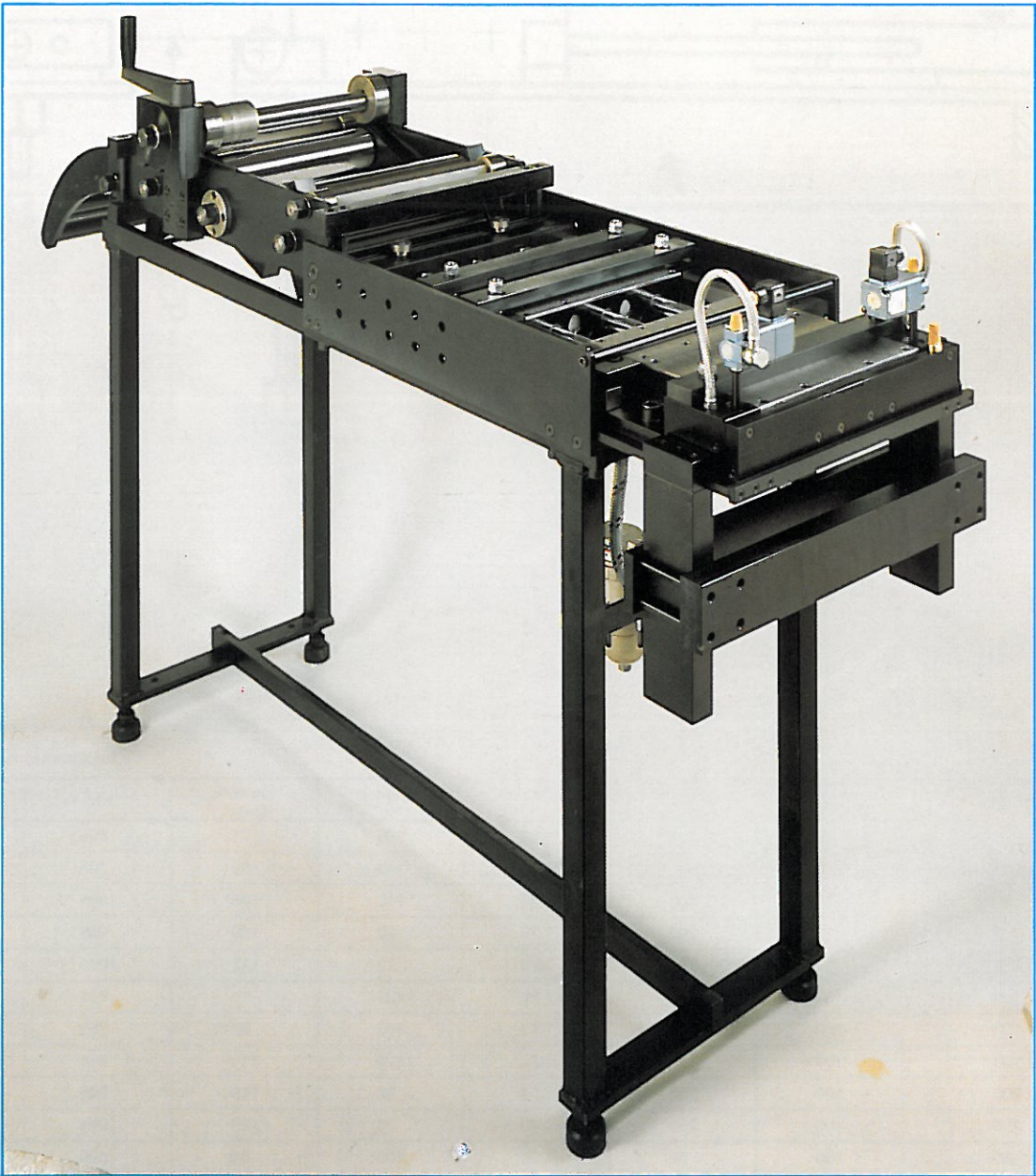
Working pressure: 5 ÷ 8 bar

Technical features

Dimensional characteristics

TYPE	Max. strip Width mm.	Stroke max mm.	Strip thickness max. mm.	Cycles min.	Consumption litres/min.	A	B
RXB 50	75	50	1.80	200	71	695	160
RXB 100	75	100	1.60	140	92	795	160
RXB 150	75	150	1.40	110	116	895	160
RXB 200	75	200	1.20	90	119	995	160
RXB 250	75	250	1.00	70	132	1095	160
RXC 50	100	50	1.60	180	71	695	185
RXC 100	100	100	1.40	140	92	795	185
RXC 150	100	150	1.20	110	116	895	185
RXC 200	100	200	1.00	90	119	995	185
RXC 250	100	250	0.80	70	135	1095	185
RXD 50	150	50	1.00	160	69	695	235
RXD 100	150	100	0.80	130	92	795	235
RXD 150	150	150	0.60	110	110	895	235
RXD 200	150	200	0.50	80	115	995	235
RXD 250	150	250	0.40	60	142	1095	235

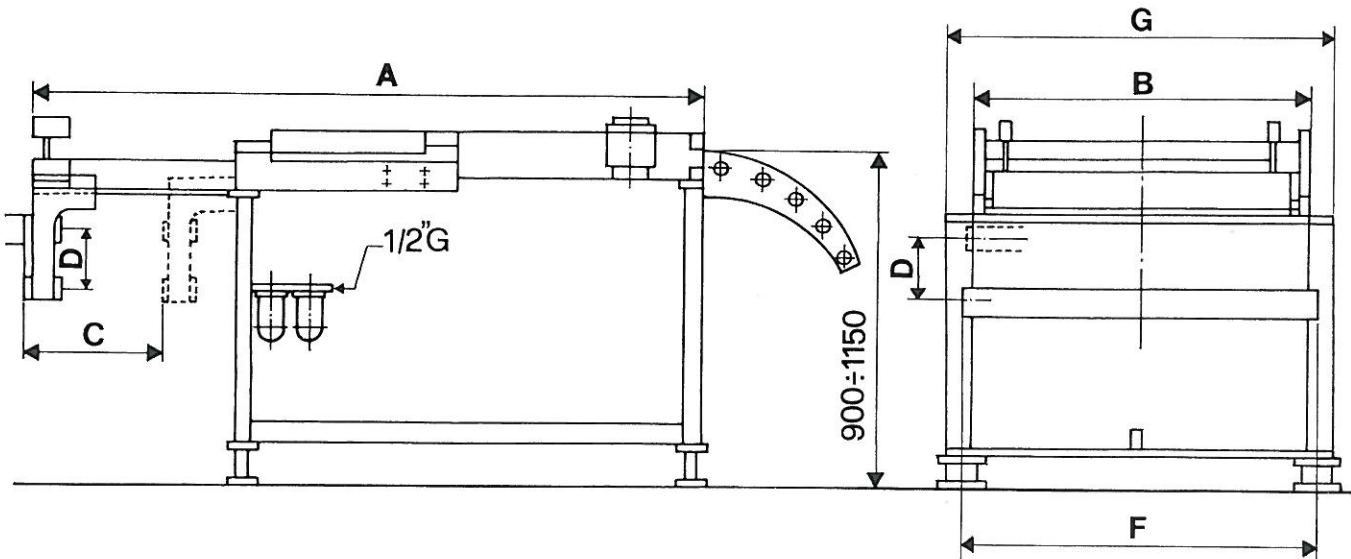
FEEDERS WITH INCORPORATED STRAIGHTENING DEVICE OF BALANCE-TYPE



Herrblitz feeder with incorporated non-motorised straightening device of balance type, provides reduced friction in comparison with other straighteners: this increases the feeder's performance and decreases its strain in pulling the strip. In this way you can straighten thicker strips with the same power.

Rollers adjustment by cams.

On some straighteners it is possible to compensate the strip bowing, by tilting the rotation axes. They are supplied with strong support body and square for attachment to the press (allowing both a vertical and horizontal adjustment), safety-guard, filter-lubricator and ON/OFF 3-way valve.



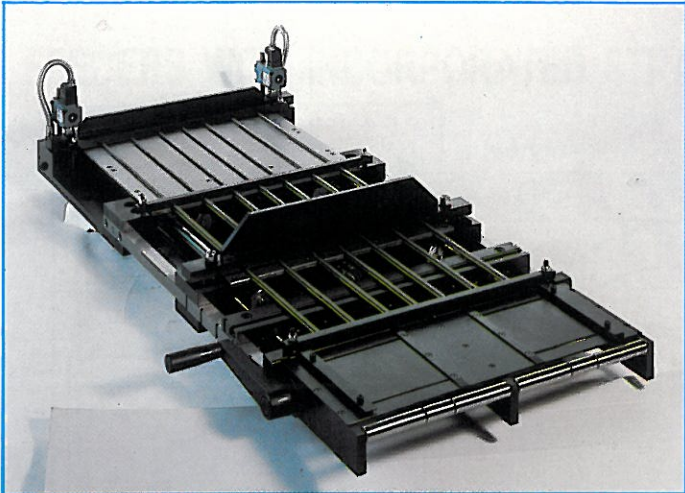
Working pressure: 5 ÷ 8 bar

Technical features						Dimensional characteristics					
TYPE	Max. strip Width mm.	Stroke max mm.	Strip thickness max. mm.	Cycles min.	Consumption litres/min.	A	B	C	D	G	F
RP 1	155	100	3.00	110	194	1095	340	—	150	454	388
RP 2	155	200	2.50	90	280	1293	340	116	150	454	388
RP 3	155	300	2.20	50	260	1491	340	214	150	454	388
RS 1	205	100	2.50	100	170	1095	390	—	150	454	438
RS 2	205	200	2.00	75	260	1293	390	116	150	454	438
RS 3	205	300	1.80	50	250	1491	390	214	150	454	438
RZ 1	305	100	2.00	90	158	1095	474	—	150	454	538
RZ 2	305	200	1.80	70	230	1293	474	116	150	454	538
RZ 3	305	300	1.60	45	220	1491	474	214	150	454	538
RTZ 1	305	100	3.20	90	400	1316	474	—	150	454	538
RTZ 2	305	200	3.00	70	600	1514	474	116	150	454	538
RTZ 3	305	300	2.80	45	580	1712	474	214	150	454	538
R2TV 1	460	100	2.50	70	420	1316	634	—	150	604	698
R2TV 2	460	200	2.00	65	790	1514	634	116	150	604	698
R2TV 3	460	300	1.50	40	700	1712	634	214	150	604	698
R2TV 4	460	400	1.40	30	700	1910	634	312	150	604	698
R2TK 1	610	100	2.50	70	440	1316	784	—	150	764	848
R2TK 2	610	200	2.00	65	780	1514	784	116	150	764	848
R2TK 3	610	300	1.50	40	750	1712	784	214	150	764	848
R2TK 4	610	400	1.00	30	750	1910	784	312	150	764	848

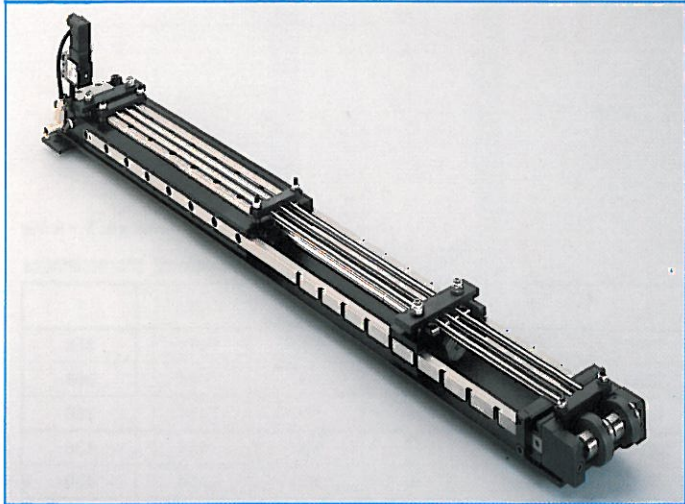
The types RTZ-R2TV-R2TK are supplied with remote control by electricvalves.

For the accessories see page 26

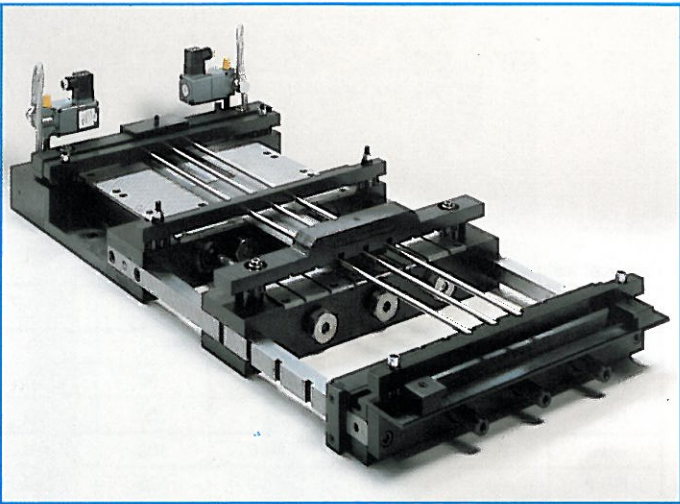
APPLICATIONS FOR THIN STRIPS



Feeder equipped to push aluminium strip with 0.05 mm. thickness - width mm. 450 - stroke mm. 400 - speed 22 meters/min.



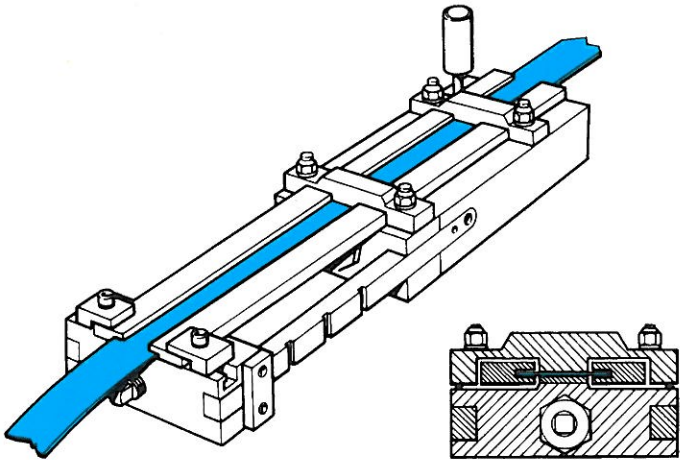
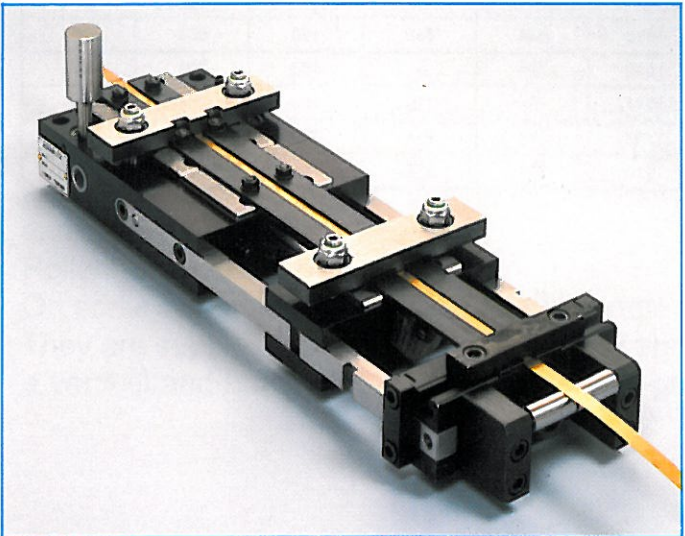
Feeder equipped to push paper strip with 0,05 mm. thickness-width mm. 50 - stroke mm. 400 - speed 24 meters/min.



Heavy-duty feeder equipped with DGN.

Device with one or two C guides for thin and narrow strips.

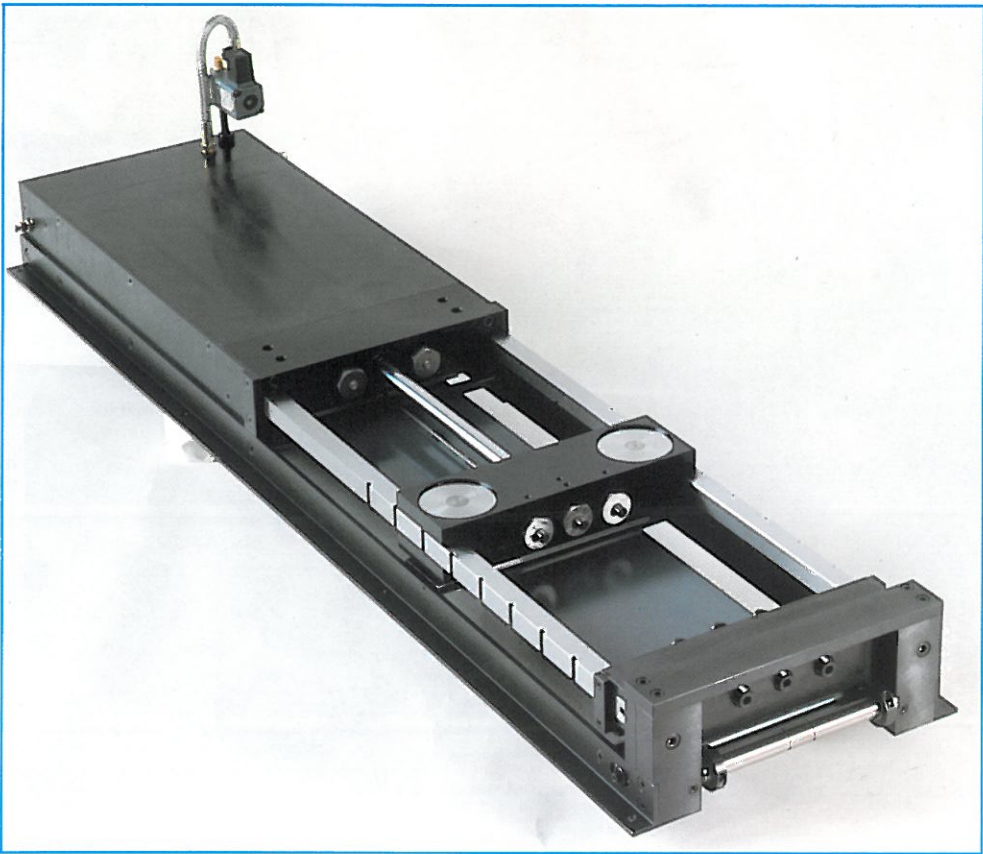
Particularly delicate strips may be guided throughout the feeder length by suitable guides installed between the clamps (one or two depending on how rigid the strip is). In some cases it is also possible to transform the sliding plates in a guiding tunnel. For this purpose Herrblitz sliding plates are 10 mm wider than the max. strip width.



Thin strips guiding type DGN.

The strip is guided by means of top and bottom rods. It is possible to push all types of material (also metal strips thinner than 0,05 mm.). It can be mounted on any Herrblitz feeder.

- Advantages:
- With this device you use the total feeder width.
 - The strips sliding friction is very little.

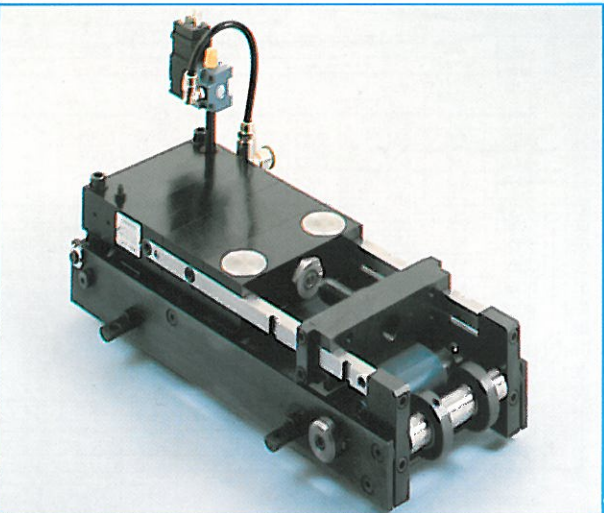
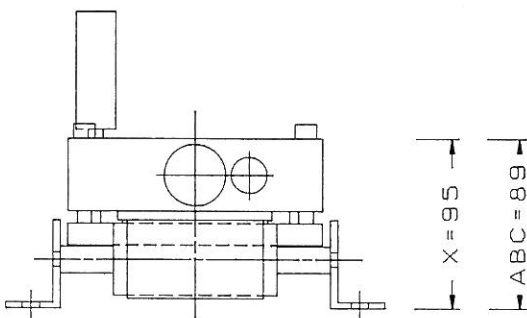
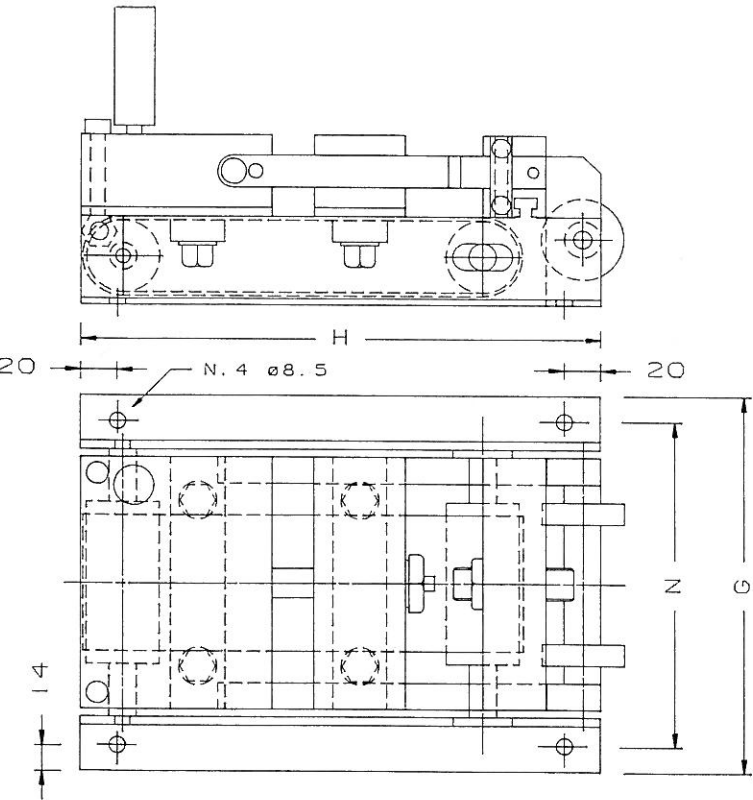


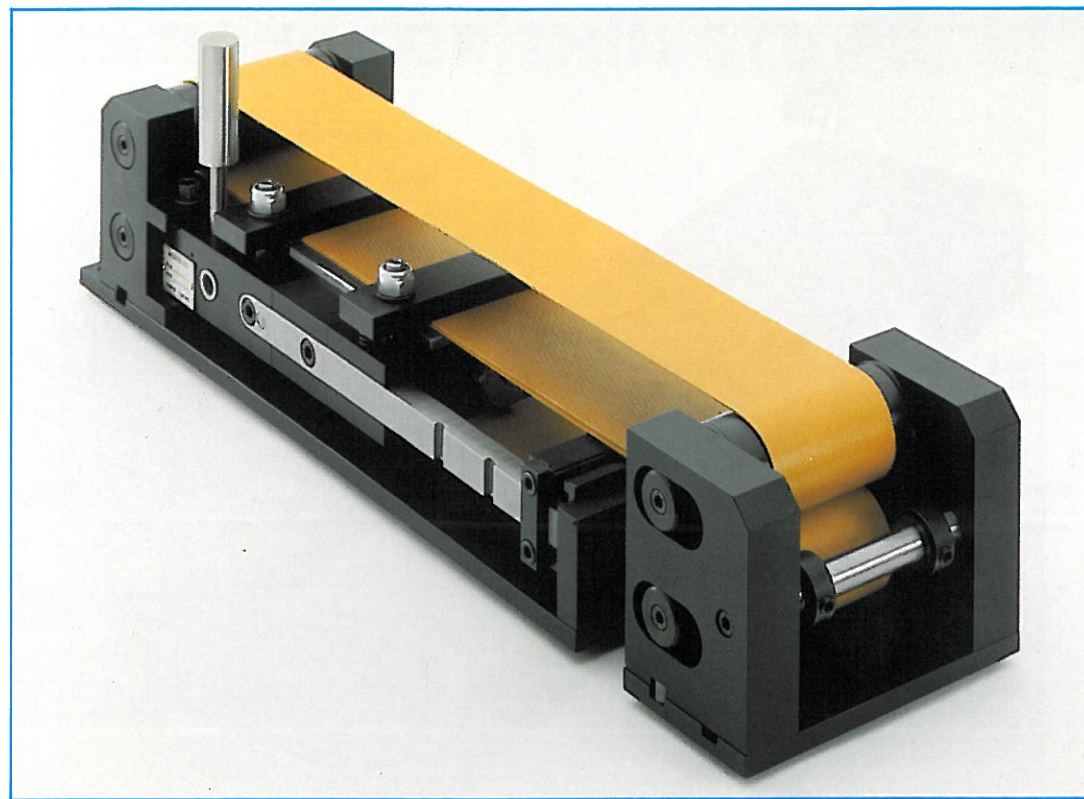
Thin strip guiding device type GNR (USA and EUROPE patented)

The feeder is fitted upside-down and equipped with a rotating belt mounted between two rollers. The feed clamp activates the strip and the circular belt together.

Advantages: lower price
easier stroke adjustment than with two-belt-solution

	TYPE	A	B	C	BX	CX	DX	SX	ZX
STROKE	G	172	197	222	208	233	283	333	433
	N	144	169	194	180	205	255	305	405
50	H	269	269	269	286	286	286	286	286
100	H	369	369	369	386	386	386	386	386
150	H	469	469	469	486	486	486	486	486
200	H	569	569	569	586	586	586	586	586
250	H	669	669	669	686	686	686	686	686

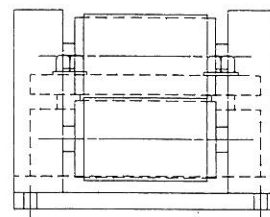
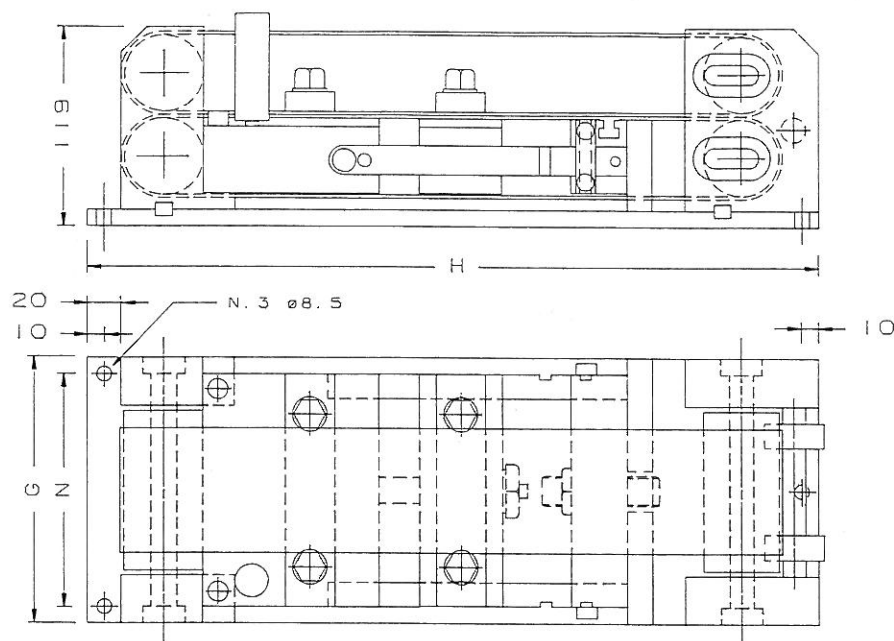
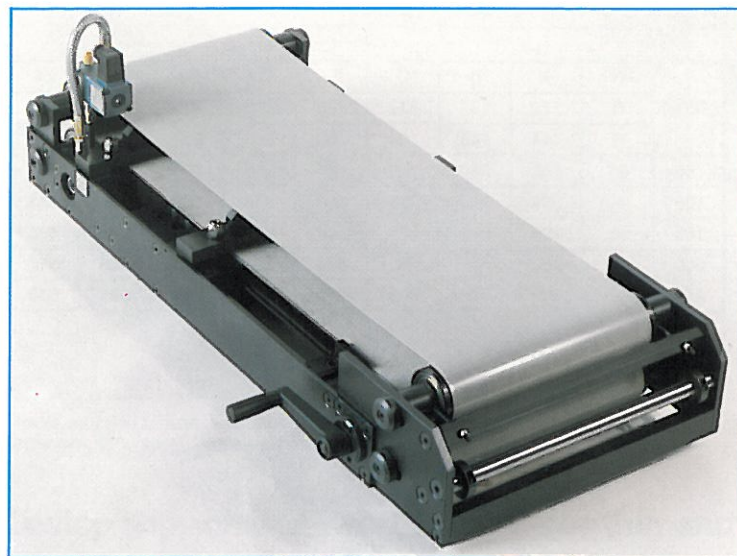




Thin strips guiding device type 2GNR.

To help feeding delicate strips (such as lacquered strips), it is possible to equip the feeder with two endless belts, that are fed by the clamps of the feeder.
On big feeders the stroke adjustment is made through a winch: it is not necessary to operate the screw.
Advantages: the strip is sandwiched between the two belts and therefore never touched by the clamps.

2GNR device is available for BX-CX-DX series; on request for the others.



STROKE	TYPE	BX	CX	DX
	G	160	185	235
	N	140	165	215
50	H	452	452	452
100	H	552	552	552
150	H	652	652	652
200	H	752	752	752
250	H	852	852	852

PNEUMATIC SCRAP CUTTERS

Herrblitz pneumatic cutters are available in different versions. Due to their small sizes they can be installed very close to the die. Movement is synchronised to the press by means of an electric valve actuated by a cam after every press stroke, or by means of a programmable impulse counter to cut after a given number of press strokes.

MIDDLE SERIES

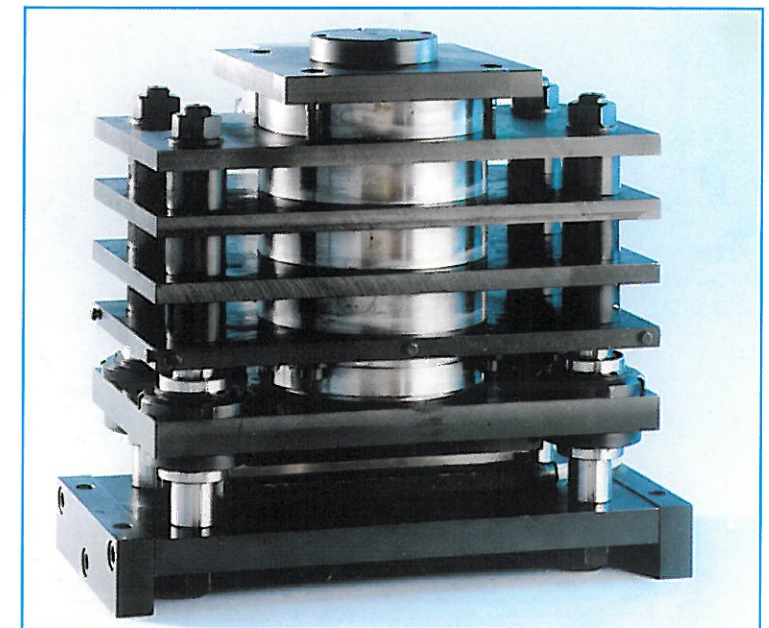
Type CHN – suitable for very thin metal strips, paper, plastic and rubber. – Cutting power Kg 500; max. cutting width 150 and 200 mm.

HEAVY SERIES

Type CM – cutting power from 1.000 to 10.000 Kgs.: max. cutting width from mm150 to 610 mm.

The vertical cutting movement incorporates double effect cylinder. The guillotine formed upper knife is installed on a still plate, the movement of which is controlled by self lubricating ball axial sleeves on four hardened and tempered columns. During the cutting operation, the strip is held by a blank holder mounted on springs. The cutting knives are made from chrome steel K12 (Hrc 68-70). Cutting clearance is adjustable by a screw. The strip is always horizontal to the cut and in a central position, controlled by adjustable guiding devices. The cutter is equipped with a safety guard.

On request we can produce larger cutters with two or more cutting heads, and therefore more cutting power

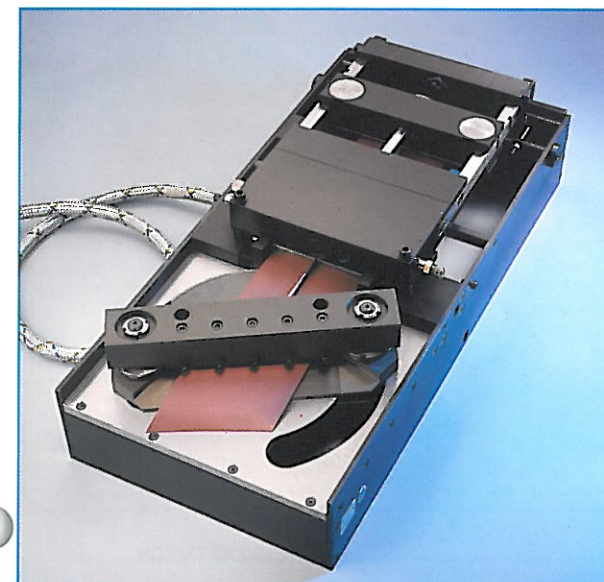


FEEDING AND CUTTING UNITS

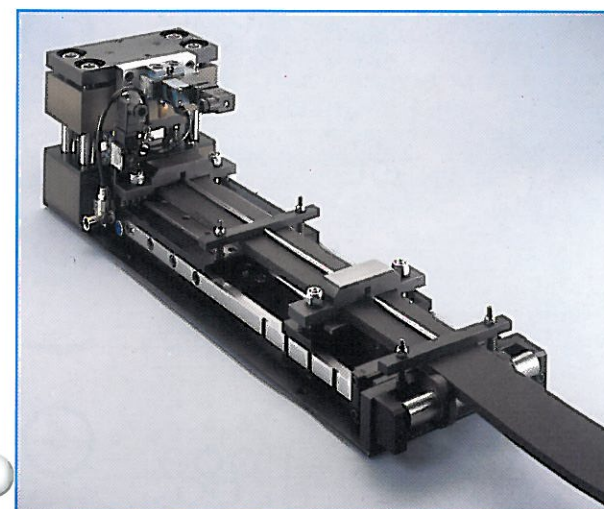
When supplied with incorporated feeder, herrblitz pneumatic cutters constitute an autonomous working unit to feed and cut any kind of material at a very high speed without the need of presses. Connection to the electric and air supply is all that is required.
In case of middle series cutter type CHN5, the feeder is installed upside-down and equipped with single belt guiding device type GNR. Middle series cutters are normally equipped with middle series feeders type BX-CX-DX, while CM models are equipped with P-S-Z-V-K feeders.

The strip is always perpendicular to the cut and in a central position by adjustable guiding devices.

The unit is controlled by a co-ordinating electronic box, through which the repetition of the number of strokes per cut can be programmed. Speed adjustment by button potentiometer. It is also possible to set the number of pieces to be cut.



Feeding and cutting unit for diagonal cut up to 45° on each side.



Herrblitz cutter with incorporated feeder for elastic and sponge material

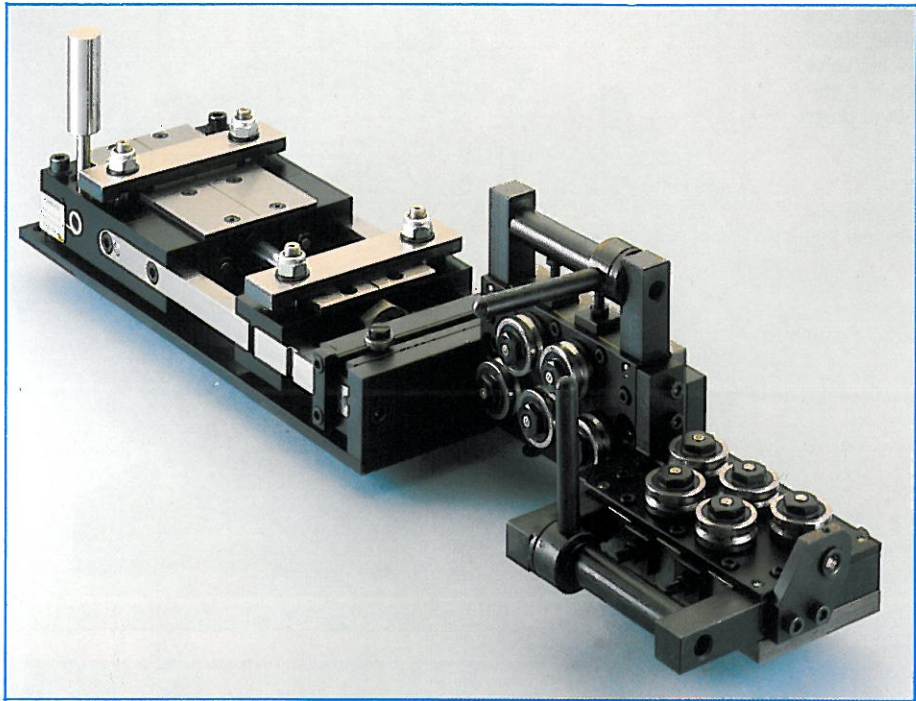
SACM Special series cutters (minimal cutting deformation) suitable for thin sheets and light alloy strips				
TYPE	Max strip width	Max thickness with max. width	Cutting power Kg.	strokes/min. *
CM1 P	155	0.8	1000	220
CM2 P	155	1.3	2000	210
CM3 P	155	1.7	3000	200
CM1 S	205	0.7	1000	210
CM2 S	205	1.0	2000	200
CM3 S	205	1.5	3000	190
CM1 Z	305	0.6	1000	200
CM2 Z	305	0.8	2000	190
CM3 Z	305	1.3	3000	180
CM4 Z	305	1.6	4000	160
CM5 Z	305	2.0	5000	150
CM6 Z	305	2.0	6000	130
CM4 V	465	0.8	4000	150
CM6 V	465	1.4	6000	130
CM8 V	465	1.8	8000	110
CM10 V	465	2.0	10000	90
CM6 K	615	1.2	6000	120
CM8 K	615	1.6	8000	100
CM10 K	615	1.7	10000	80

* at 6 bar working pressure with no material
R. Material = Kg. 40

CM Normal series cutter for medium thickness strips				
TYPE	Max strip width	Max thickness with max. width	Cutting power Kg.	strokes/min. *
CM1 P	155	1.2	1000	200
CM2 P	155	2.2	2000	190
CM3 P	155	3.0	3000	180
CM1 S	205	1.0	1000	190
CM2 S	205	1.4	2000	170
CM3 S	205	2.0	3000	160
CM4 S	205	2.8	4000	150
CM1 Z	305	0.8	1000	180
CM2 Z	305	1.4	2000	170
CM3 Z	305	1.8	3000	160
CM4 Z	305	2.6	4000	150
CM5 Z	305	3.0	5000	140
CM2 V	465	1.1	2000	150
CM4 V	465	2.1	4000	130
CM6 V	465	3.5	6000	110
CM2 K	615	1.0	2000	140
CM4 K	615	2.2	4000	120
CM6 K	615	3.4	6000	100

* at 6 bar working pressure with no material
R. Material = Kg. 40

WIRE APPLICATIONS

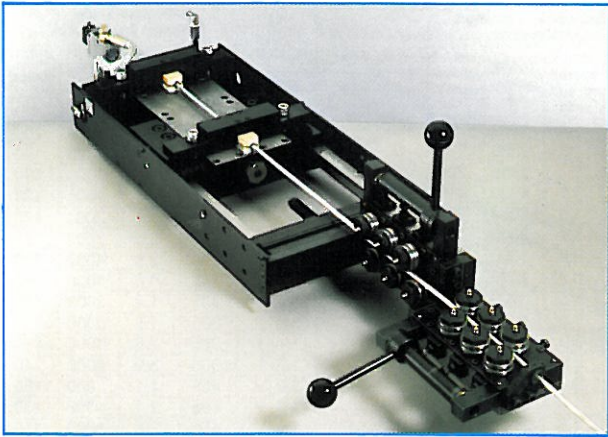
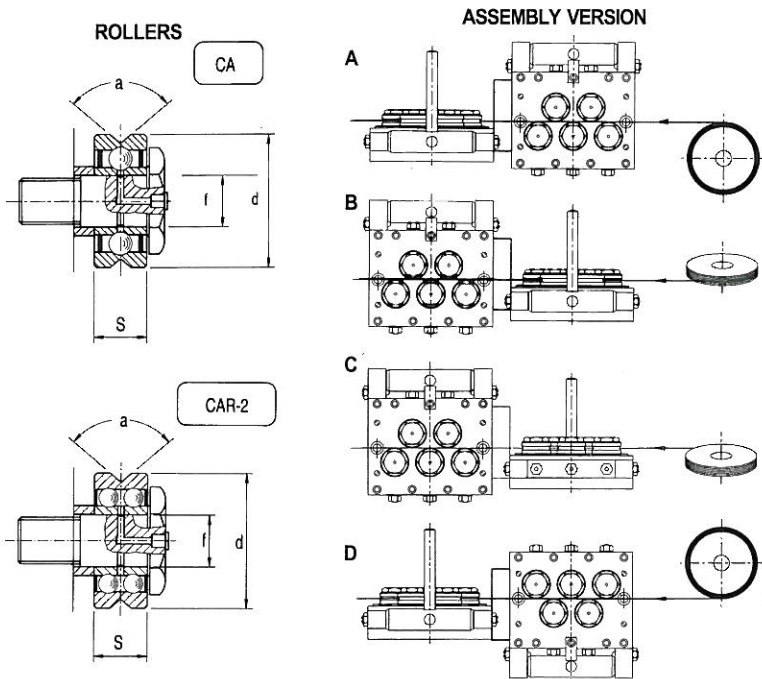
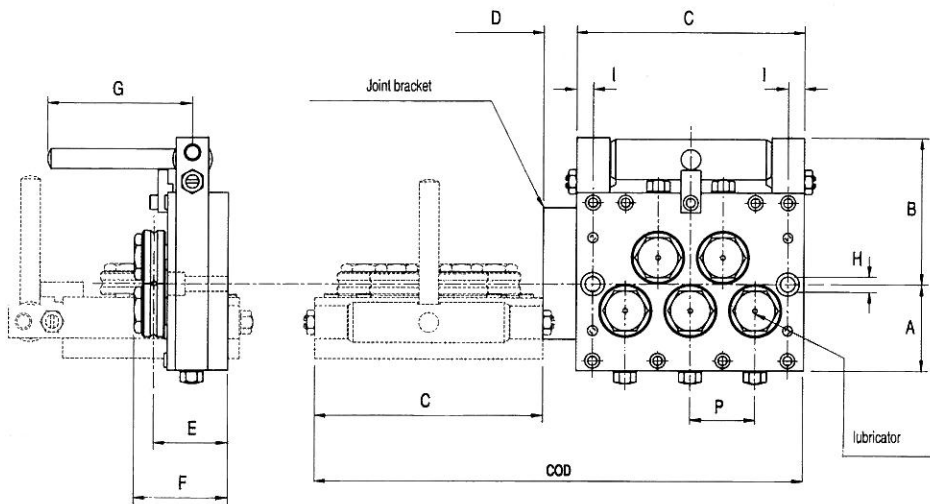


Straighteners for wire and tube type COD.

Two versions are available (with possibility of incorporated feeder).
Straightening on the horizontal and the vertical plan:
- COD 5 = 5+5 rollers version
- COD 7 = 7+7 rollers version

Each roller is mounted on a shielded anti-friction ball bearing and can be adjusted separately to match the wire curvature.
Quick opening of all the rollers at the same time to insert new wire to straighten, without a new adjustment of each roller is allowed.
The straightener with feeder is supplied mounted on a support plate to ensure a correct alignment

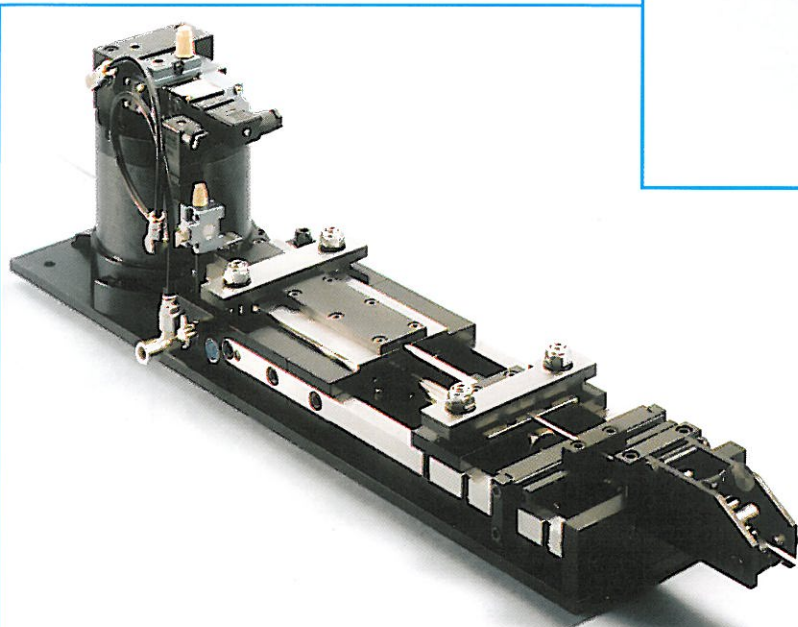
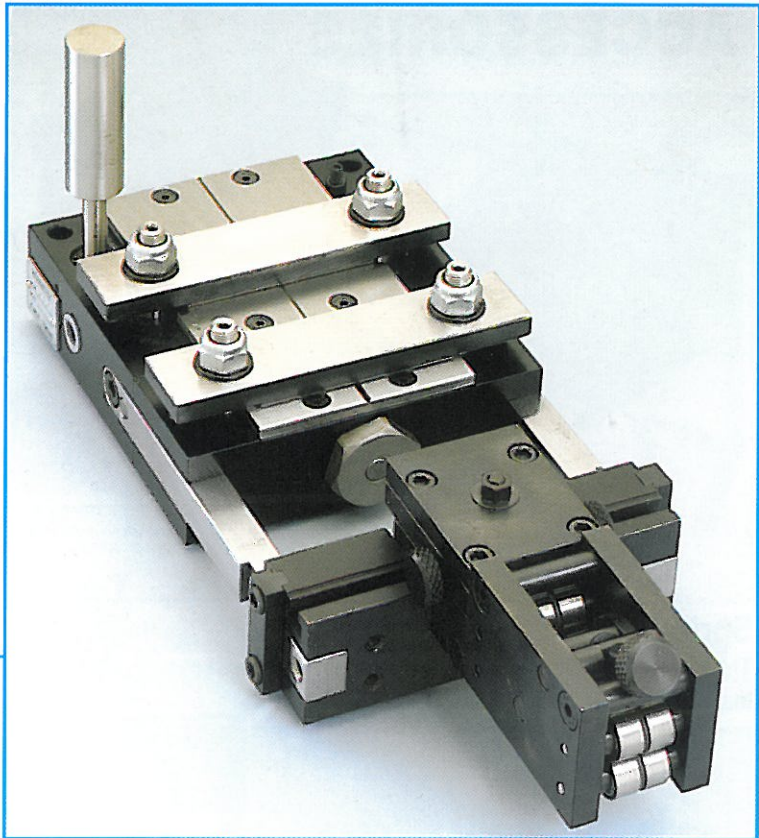
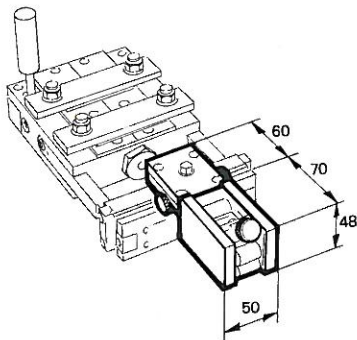
TYPE	COD 13	COD 16	COD 22	COD 32	COD 40	COD 52
Ø MAX	0.6	1	2-2.5	3-4	4-5	5-6
ROLLER	CA13	CA16	CA22	CAR2-32	CAR2-40	CAR2-52
d	13	16	22	32	40	52
f	4	5	8	10	15	20
s	5	5	7	14	16	20.6
a	90°	90°	90°	100°	100°	100°
A	28	31	41.5	52	63	78
B	47.5	55	70.5	88	108	131
D	10	12	12	15	20	25
E	20.8	25.7	33.7	45	56	68.5
F	26.8	32.5	42.6	58	70	86.8
G	46	70	90	100	138	150
H	4.2	5.5	6.5	8.5	11	13
I	4.9	5.85	7.35	9.85	12.35	14.85
P	19.4	23.2	29.2	39.2	49.2	59.9
C	5	68.1	81.4	102.4	137.4	172.4
	7	87.5	104.6	131.6	176.6	221.6
						266.6



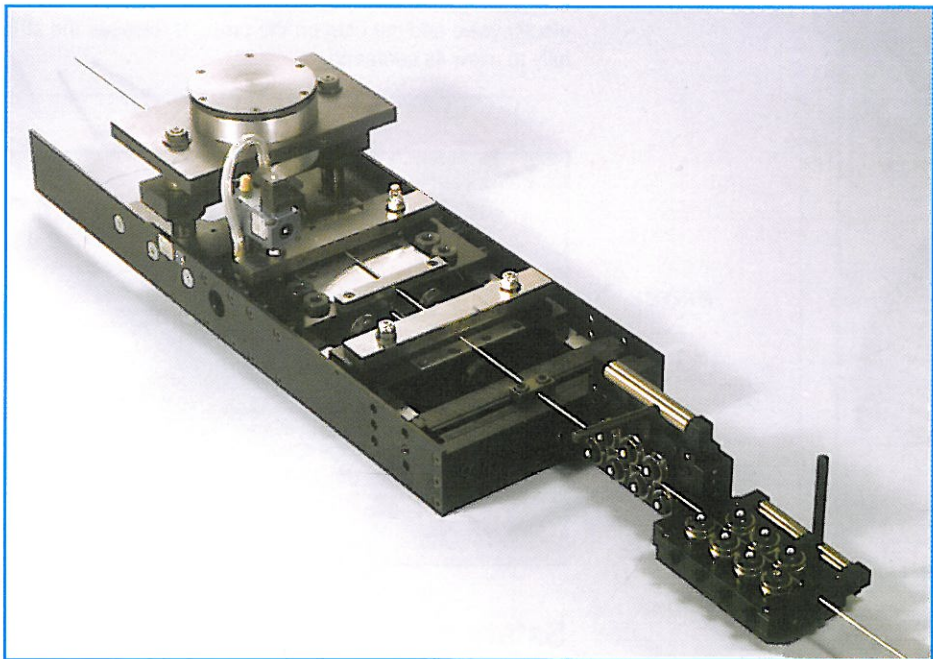
Feeder with incorporated straightener for aluminium tube diam. 8 mm.

Micro-straightener for wire.

Very compact dimensions!
Suitable to straighten up to 2 mm. Diameter wire.
Straightening on two planes:
- on the vertical plane through 6 adjustable rollers;
- on the horizontal plane through 8 adjustable rollers.



Also available to straighten narrow strips (width not over mm 20) with horizontal plane straightening through 6 adjustable rollers.



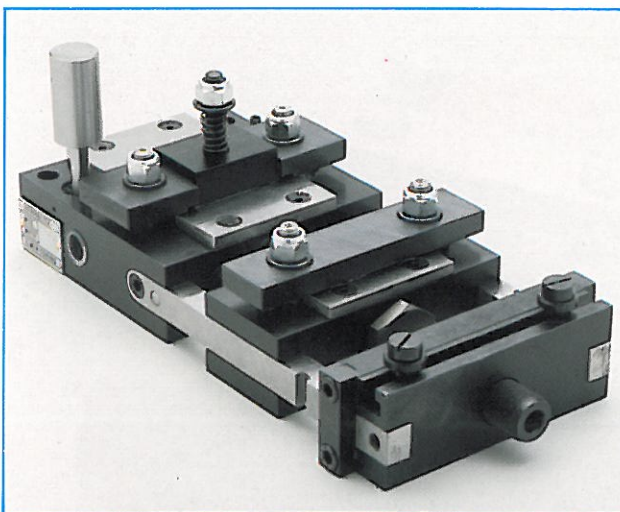
Wire cutters

Different versions available:

- type CHR5 - cutting power 500 Kg. - Suitable to cut wire and tubes up to Ø mm 3
- type CM - cutting power from 1000 to 3000 Kg. for wire up to Ø mm 6

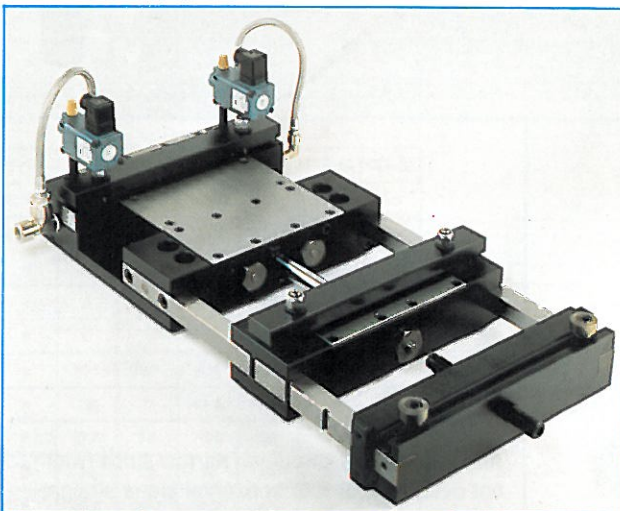
When supplied with pneumatic feeder (type BX for CHR5 and type P for the CM models) they constitute an autonomous feeding and cutting unit with the possibility to incorporate also a straightening device. In this case the straightening, feeding and cutting unit is controlled by a trigger box. Connection to the electric and air supply is all that is required. Through the trigger box, the number of pieces to be cut can be set.

ACCESSORIES



Spring clamp.

This clamp has an adjustable spring that provides pressure to the material, holding it until the pilot pins pull it to position.



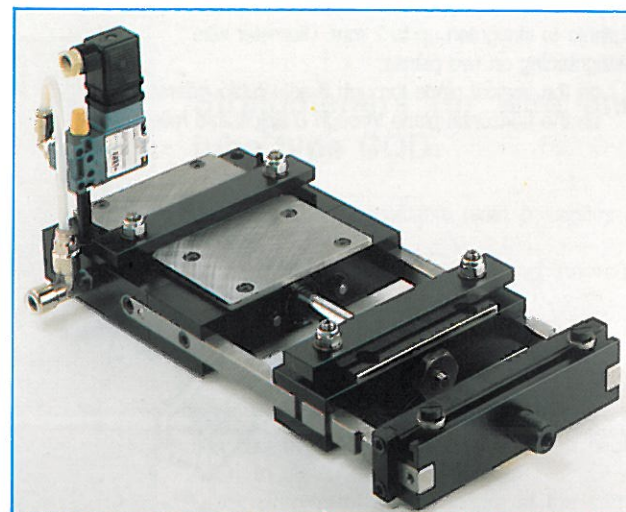
Internal pilot release.

An additional electric valve is mounted on the feeder block. In this way the clamp is not restricted by a pneumatic cylinder. As a result, it is possible to have the pilot release at high speed. It is necessary to request this device at the order.



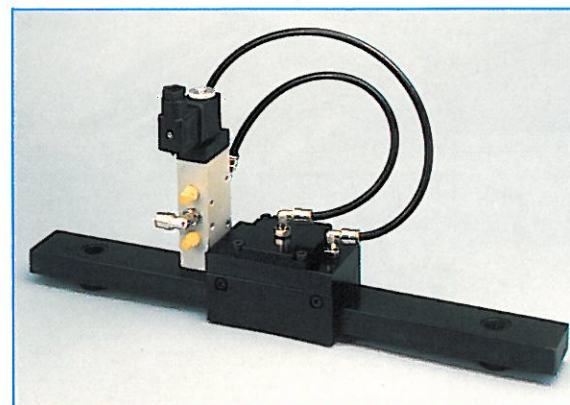
Roller conveyor and back support legs.

They may also be mounted separately. The roller conveyor is swinging, as it is mounted on a fulcrum pin, that allows its movement.



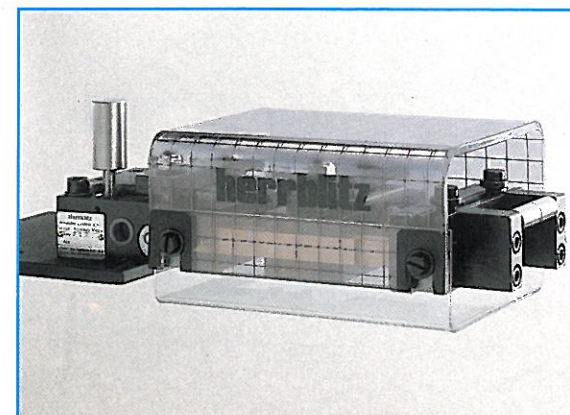
Remote control by pneumatic or electric valve.

When it is not possible to use the mechanical valve (e.g. if the press-stroke is longer than 40 mm), or when it is necessary to delay the feeding (e.g. because of pilots in the die), the mechanical control must be replaced with a remote control by pneumatic or electric valve, actuated by adjustable cam. On the press, the cam is mounted on the main crankshaft.



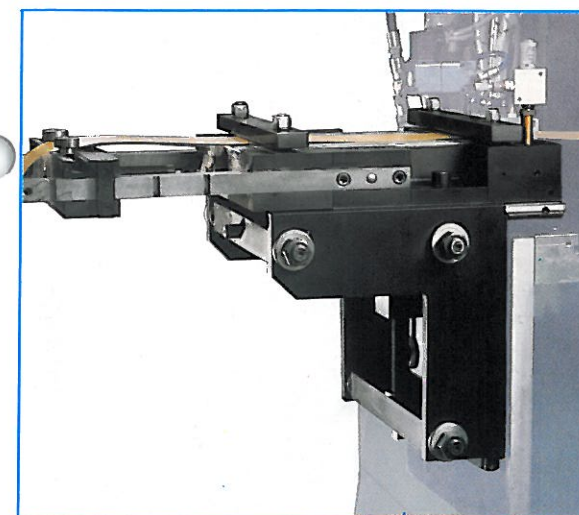
Pneumoelectric clamp

It is equipped with a pneumatic cylinder actuated by an electric valve and the cam on the press. It releases the strip fully to allow its centering.



Safety guard **NEW PATENT!**

Full cover made of strong plastic, reinforced with metal wire.



Square with horizontal and vertical adjustment through screws.

By a simple screw adjustment, you can change the vertical and/or horizontal position of your feeder (vertical adjustment mm 120 - horizontal mm 110)

Hardened cylindrical guides; thrust bearing on the vertical screw; absolutely rigid position.

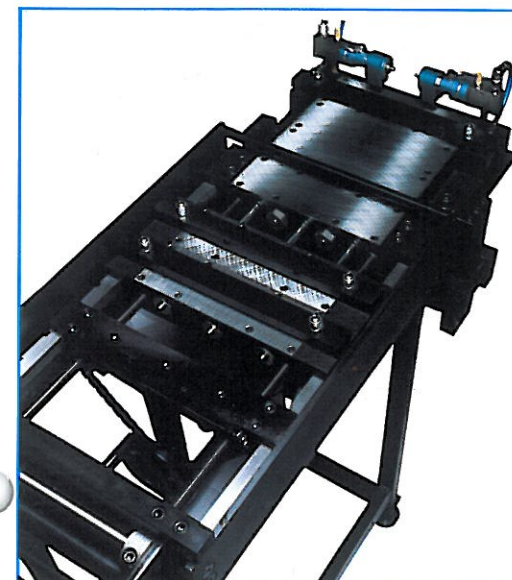
Electronic device for the feeding strokes repetition.



Two versions are available:

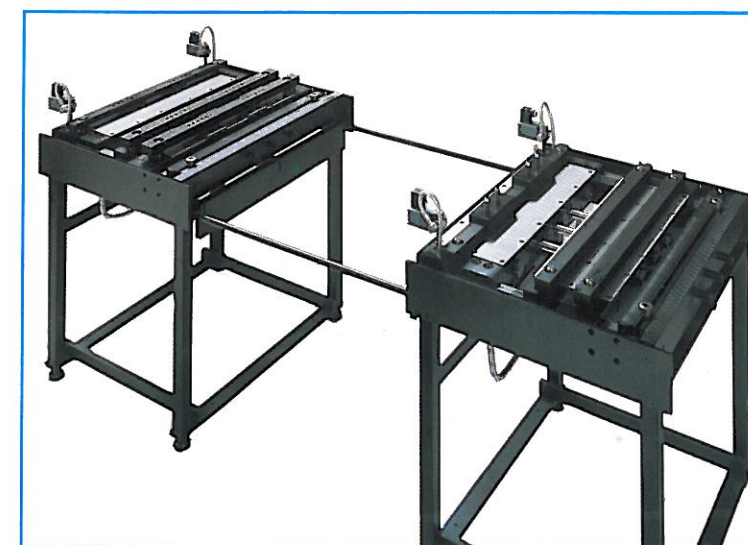
- 1) Repetition by means of potentiometers avoiding the use of end of stroke sensors and connecting cables
- 2) Repetition by means of end of stroke sensors

It is also used when, at long feeding strokes and at high press speeds, it is necessary to work on one-stroke, i.e. the feeder controls the press.



Rapid stroke device with handle.

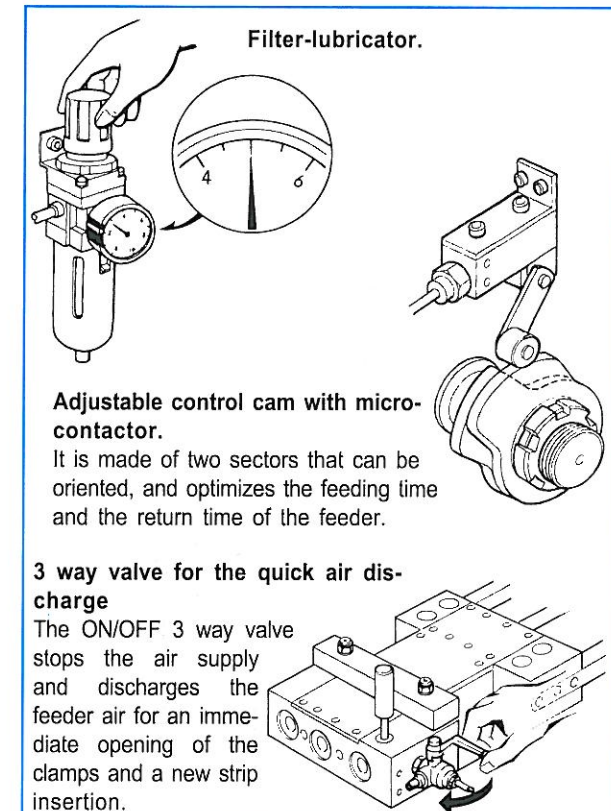
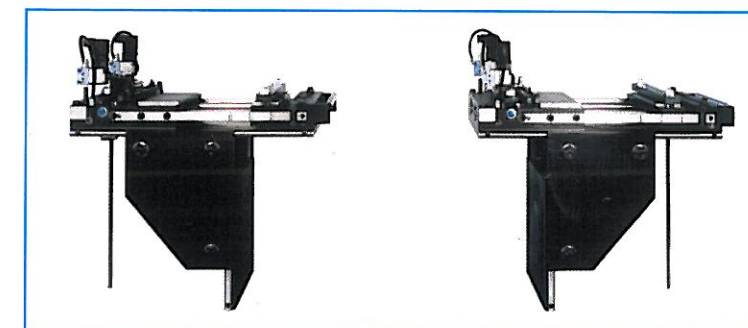
It is advisable with heavy-duty and maxi series feeders with long feeding strokes. You adjust the stroke quickly and easily.



Push-Pull feeding system

Many applications need to feed non-coil materials (bars, strip lengths, profiles). In this case it is necessary to use two feeders with synchronised movement:

- the first one, before the die or the machine, pushes the material into the die
 - the second one, after the die or the machine, pulls the material out of the die
- When the first feeder finishes feeding the material into the die and the second one takes control of the feed, it is possible to release air from the first feeder and enable new material to be inserted. This allows operation of the press on continuous cycling.



Filter-lubricator.

Adjustable control cam with micro-contactor.

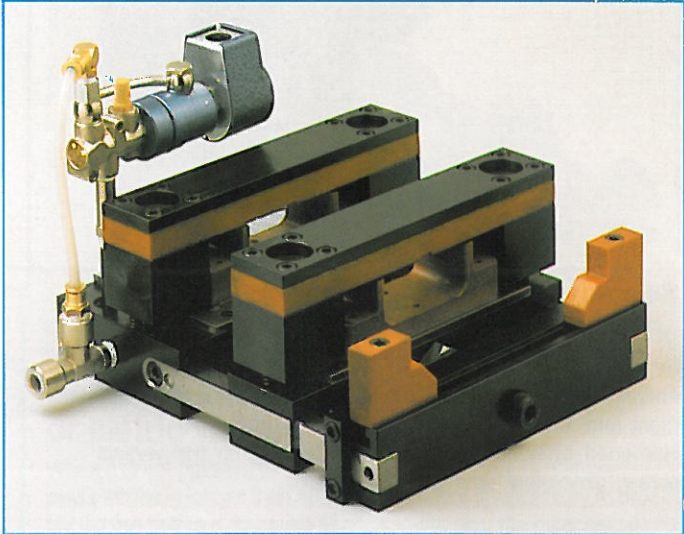
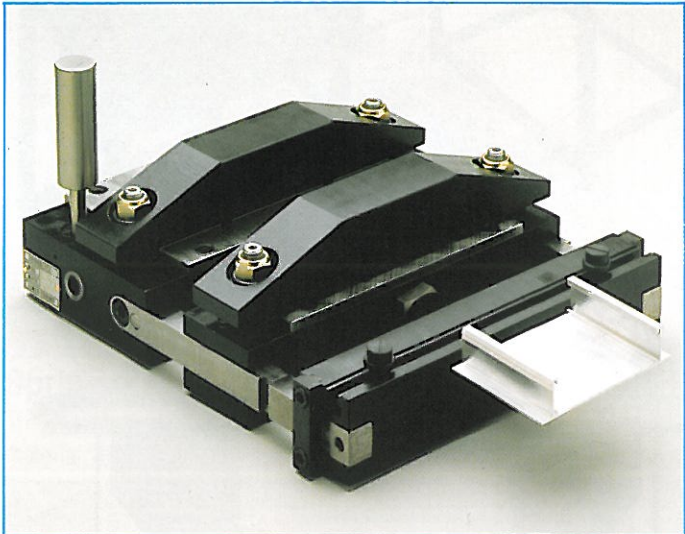
It is made of two sectors that can be oriented, and optimizes the feeding time and the return time of the feeder.

3 way valve for the quick air discharge

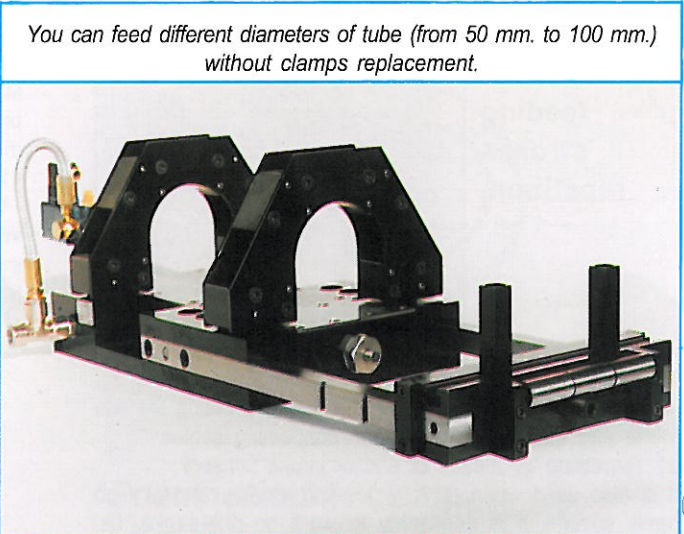
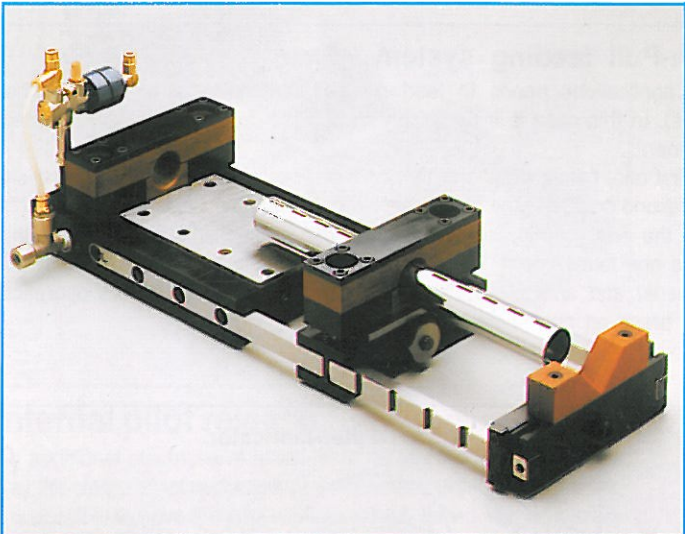
The ON/OFF 3 way valve stops the air supply and discharges the feeder air for an immediate opening of the clamps and a new strip insertion.

SPECIAL AND SHAPED CLAMPS

The feed and stock clamps can be modified by machining to accommodate different materials shapes and configurations. Round or square tubing, wire, or any pre-stamped product, like electrical terminals and contacts can be easily handled.

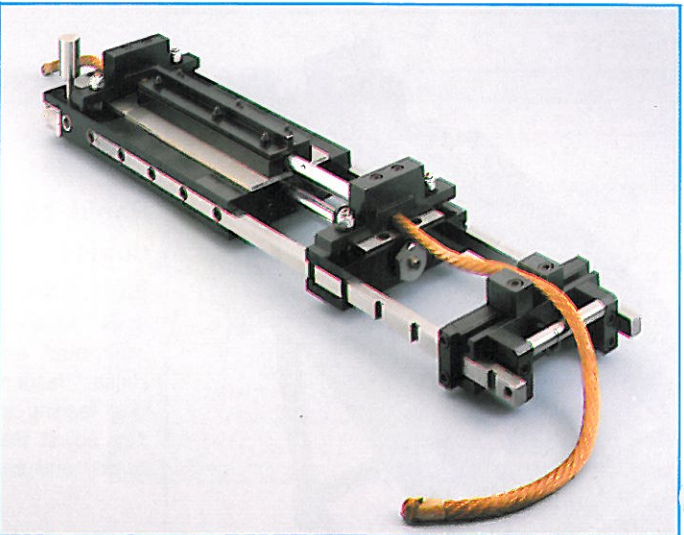
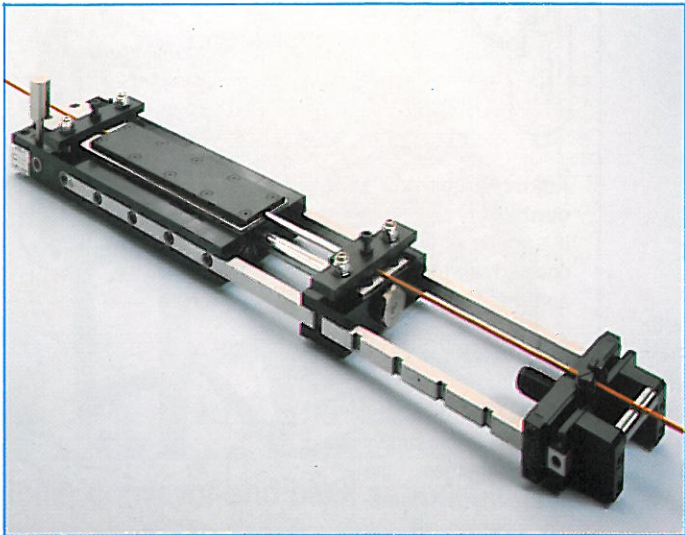


Feeders with special clamps to feed aluminium profiles.

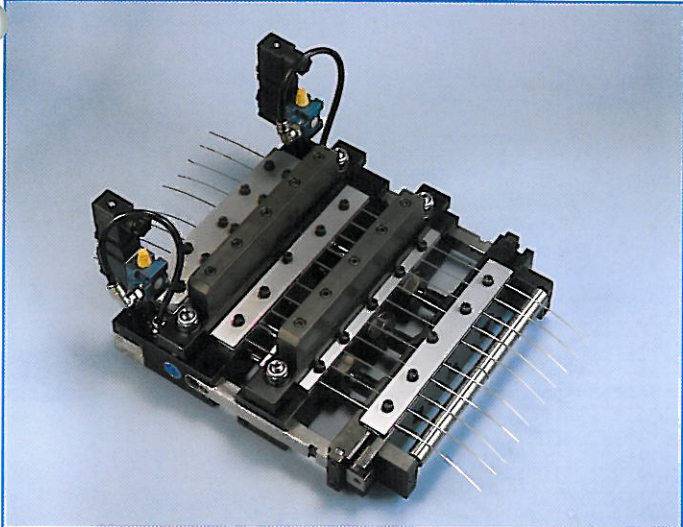


You can feed different diameters of tube (from 50 mm. to 100 mm.) without clamps replacement.

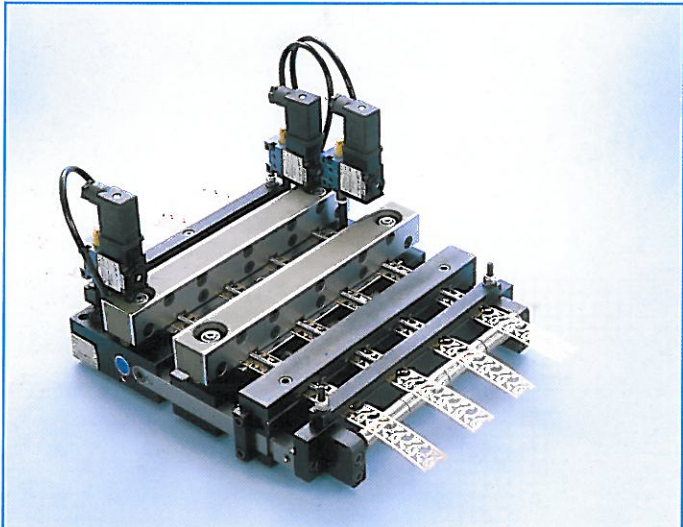
Feeders with special clamps to feed steel and plastic tubes.



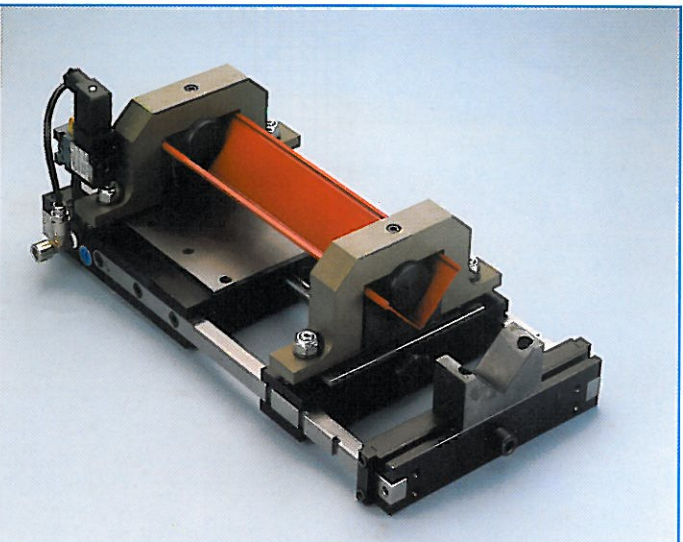
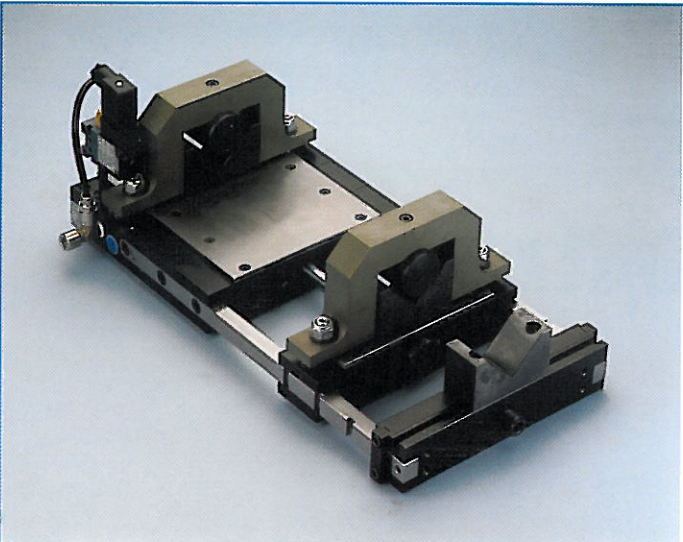
Feeders with special clamps and telescopic guiding device for small diameter wires or soft copper cable.



Multifeeding device for wires



Multifeeding device for pre-stamped strips



Feeders with special clamps for profiles

