



Accessories

Non Return Stroke Mechanism

- The return stroke blocking mechanism safeguards that the ram reaches the exact bottom dead centre when precise embossing, bending, riveting and cutting work is of importance
- The return stroke safety contrivance is triggered 8mm before the plunger reaches the bottom dead center
- After a completed stroke cycle only about 18mm return stroke is necessary. This corresponds pulling the hand lever back 60 degrees in order to be able to start the next stroke
- The blocking mechanism can easily be locked and unlocked as required
- Subsequent installation is possible without any problems



Electric Footswitch

Suitable for models with Control 202 and 203, assuming suitable guarding has been fitted.



Maintenance Unit

With valve and connector, suitable for all models.



Fine Adjustment Attachments

- The Precision Depth Adjustment Adaptor (PTA) guarantees exact depth measurement of the fixed tool when precision is asked for with all embossing, bending, riveting and cutting work
- The PTA has two hardened internal guides which prevent any dislocation of the fixed tool
- Except for depth, all positions of the tool are maintained precisely when the PTA is adjusted



PTA
10/10



PTA 25



Mechanical Counter - 5 digits



Pneumatic Counter -6 digits
Suitable for all models



Fine Adjustment



Accessories and Tooling

- Cut-off tool with adjustable length stop
- Notching tool with adjustable side stops
- Die set guided round-corning tool with exchangeable cutting inset
- 4-fold round-corning tool
- Vee-guide bending tools 90° and 60° with adjustable length stop

Apart from these tools we manufacture: Special tools for stamping, embossing, bending, rivet-ing, cutting and other techniques.



Bending Tool



Large Radius Cutter



Notching Tool



Small Radius Cutter



Adjustable Length Cut-Off

Fast Change Punching System

All BalTec Presses (except the E-series) are equipped with no-play adjustable V block guides on the press ram. Lateral and torsion forces are easily absorbed. Work with cutters, dies and bending tools without their own punch guide is thus problem free.

Key to diagram opposite:

1. Quick change housing for punches
2. Quick changeable punches
3. Stripper
4. Support with adjustable end stops
5. Quick change die
6. Quick change die holder





Accessories and Tooling

Electro-Pneumatic Rotary Indexing Table

The indexing table is quickly and easily

re-adjustable to accommodate 4, 6, 8, 12 and 24 stations

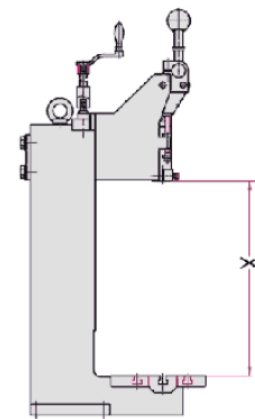
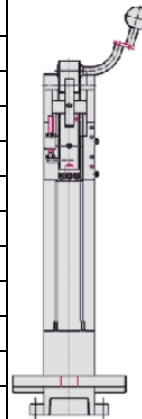


Extended Height Frames

- The very sturdy press stand is reinforced owing to the higher leverage caused by the wider daylight
- The absolutely precise and non-floating adjustable V guide safeguards accurate working, even with tools without a guidance
- The detachable spigot clamp allows for the possibility of front loading. By means of the spigot clamp a high holding force is achieved without possible damage of the fixing spigot.
- The press head is guided by an H7 manufactured flat guidance
- A solid clamp safeguards the exact position of the press head
- The daylight can be adjusted quickly and easily by means of a crank handle
- Table with a wide T-grooved clamping surface
- Combination of the BalTec rotary indexing table with all pneumatic direct acting presses with control 2002 and 2003 allows up-to-date and rational working with large-scale series



Press Type	Size (kN)	X Min (mm)	X Max (mm)
HZP	4	115	305
HKPV	5	115	295
	8/12	120	343
HKPL	8/16	145	425
	50	225	475
	4.8 & 12	120	340
KHKP	13 & 20	145	420
	33.45 & 56	225	455
LP	14	75	225
	20	62	215
	4.8 & 12	120	340
	13 & 20	145	420
	33.45 & 56	225	475

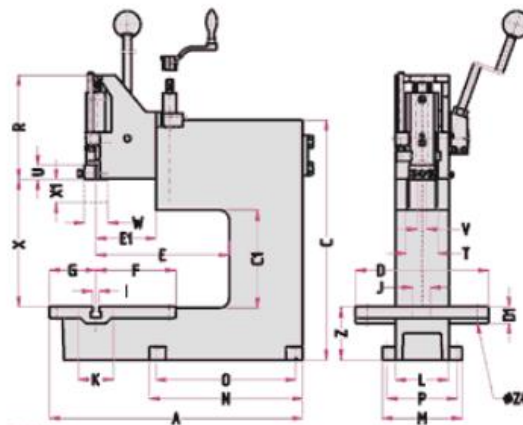


Subject to technical alterations

Accessories and Tooling

Extended Gap Frames

- Extended gap frames are used for large pieces e. g. printed circuit boards
- The detachable spigot clamp allows front loading. By means of this spigot clamp a high holding force is achieved without possible damage of the spigot
- The press head is guided by means of an H7 processed flat guidance
- The sturdy fixing allows precise positioning of the press head
- The daylight can be adjusted quickly and simply by means of a fine-pitch thread spindle with a crank handle
- Table with wide T-grooved clamping surface
- Combination of the BalTec rotary indexing table with all straight acting pneumatic presses with control 2002 and 2003 allows up-to-date and rational working with large-scale series



	HPZ	HKP	HKP	HKP/L	LP	HKPV	HKP/L	LP	HKP	HKP/L	LP/LHP
	4 kN	8 kN	8/12 kN	12 kN	12 kN	8/16 kN	20 kN	20 kN	50 kN	56 kN	56/60 kN
A		380			545			600			680
B		90		133	130		120	150			-
C		360			505			670			765
C1		145			175			235			235
D		200			200			300			340
D1		20			25			30			30
E		200			300			300			300
E1		90			120			160			200
F		120			120			130			150
G		70			85			100			130



Accessories and Tooling

H		-			100			100			100
I		10			10			10			120
J		40			54			60			80
K		40			40			80			60
L		80			90			120			170
M		120			135			164			220
N		190			410			465			555
O		160			380			435			520
P		105			115			144			195
Q dia		9			9			9			11
R	155	172	190	355	168	268	504	234	289	615	340
S	330	360	510	375	542	680	450	624	980	505	995
T		48			48			65			90
U		21			29			29			49
V dia		10 H7			10 H7			15 H7			25 H7
W		33			33			48			55
X		140-180			180-245			220-320			225-385
X1		75/48	45	6-48	40	58	6-60	40	14	6-59	40
Y max	600	730	880	780	927	1185	952	1100	1510	1364	1500
Z		85			164			205			210
Z1		174			170			270			300
Z2		108			105			115			130
Z3		58			70			85			110
Z4 dia		6.5			9			9			11

Subject to technical alterations