



diploma

*Large format automatic folding machine with flat pile feeder,
Mobile knife, optional online gluing, pressing and stacking*

DIPLOMA 4Z3X



SALIENT FEATURES

- A. PLC controlled with soft touch display
- B. Various folding formats upto maximum of 4 parallel and 3 cross folds
- C. Digital sheet to sheet distance regulation
- D. Built in double sheet detectors
- E. Easy job change-over with the help of digital position indicators
- F. Creasing / perforation / slitting attachments before each knife
- G. Electronically controlled folding knives
- H. 3rd knife (or final fold) mobile type unit
- I. Speed indicators provided
- J. Batch & continuous counters
- K. Ready to be upgraded with attachments and add-ons

Feeder:

- Automatic flat pile feeder with sufficient pile height
- Calibration for paper size at the pile feeder through digital position indicators
- Capacitor type sensors to govern pile height
- Stack lift with electronically controlled, self locking gear motor
- Guide ways can be adjusted for slight trimming errors
- Electronic height adjustment of sheet separation and pick-up unit
- The duration of vacuum (on/off) of the suction drum can be varied
- Double sheets detected and stopped before entry to the buckles

Buckles (Pockets)

- Up to 4 buckles provided
- Calibrated buckle stops for easy job change over

Rollers

- Knurled steel rollers with alternate PU rings for excellent paper transfer
- Roller gap adjustment by means of paper strips for quick change over

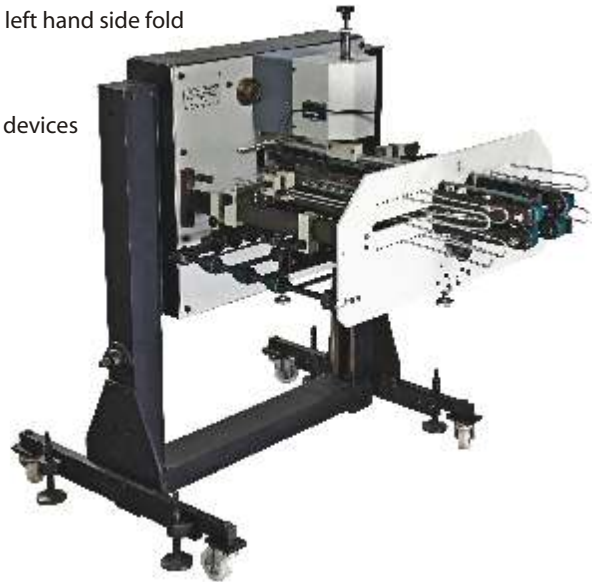
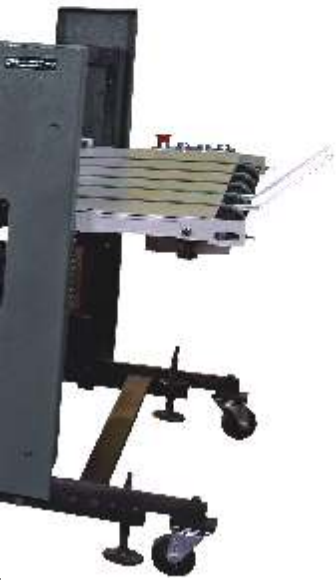
Knives

- Electronic knives – with independent servo motors
- Stroke of knife (dip-in-depth) can be adjusted
- Knife timing can be controlled for different sheet sizes
- If paper jam occurs, the machine is stopped immediately
- Creasing / perforation knives before 1st, 2nd and 3rd knives

Mobile knife unit

- Mobile knife unit can be set for either right or left hand side fold
- Knife stroke adjustable
- Separate drive with speed control
- Height adjustable and can be used with other devices

Mobile chute delivery with speed control



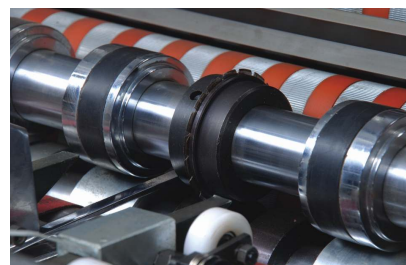
Pickup Unit



Buckles



Roller gap setting



Perforation/slitting/creasing

TECHNICAL DATA

Model	Diploma 70/4 KLR-L
Maximum Sheet Size	1025 x700 mm
Minimum Sheet Size	297 x 210 mm (A4 size)
Smallest Fold	60 mm
Pile Height	750 mm
Sheet separated by	Adjustable Pickup unit and Suction Drum
Speed	50 to 175 m/min., infinitely variable
Folding knife motion	Servo Motors
No of Buckles	4
No of Sheet deflector	1 to 4 (depends on purpose)
No of Knives	3
Delivery unit	Mobile chute type

Electrical:

Supply	400-415V, 3Phase, 50Hz
Power (All Motors)	7 HP

Optional Accessories

Gluing Device

- Baumer HHS® Gluing System for online gluing while folding, to produce booklets

Sheet Pressing Unit

- OMG® Sheet pressing and vertical stacking unit for neat pressing of folded sections before bundling

Floor Plan

