

CKF A2+ CROSS KNIFE FOLD UNIT FOR MSA HSB COLLATOR

CKF A2+ FOLD UNIT



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The **CKF (Cross Knife Fold) System** has been designed for folding small to medium print run newspapers, or other similar sheet stock. The robust construction of the **CKF** ensures a high quality, repeatable performance is achieved. It integrates with the **HSB Collator** for automatic operation.*



Collated sets are transferred into the **Fold Unit** where they are jogged in two directions and folded with a high-speed knife. Folded product is discharged on a low speed conveyor at the side of the machine. The smooth workflow of the system results in a professional product with a clean fold and neat paper edges.

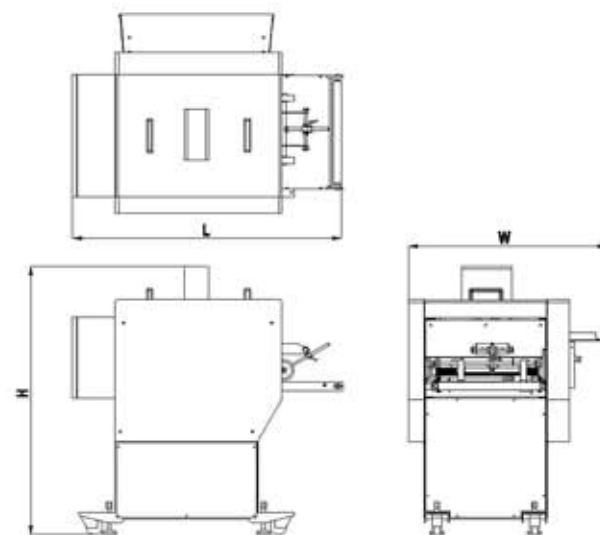
- heavy duty knife mechanism driven by a high speed electric clutch
- specially designed cam, timing belts and chain with roller bearing shafts run in a rigid frame
- machine functions controlled via the **MSA HSB Collator** with feed back from the knife mechanism using an infrared photo sensor and proximity switch to ensure safe operation
- variable folding speed with an independent inverter drive
- adjustable knife position, in-feed belt tension and output wheels

SPECIFICATION

controls	via MSA HSB Collator
speed control	variable inverter drive
main drive	motor (1.1kW)
feed mechanism	friction rollers
knife unit	operated by clutch and proximity switch
delivery	folded paper from output conveyor
speed adjustment	via feed rate dial
over feed	photoelectric sensor
jog	2-way
paper capacity	A2-A3 35-80gsm (approx. 650 x 450mm max.)
folding capacity	1 set of 24 sheets (approx. @ 50gsm)
output	up to 3600 sets/hour (depending on paper type)
guards	fully guarded with interlocked transparent top cover, compliant to current CE and EMC regulations
dimensions & mass	L = 1325mm, W = 980mm, H = 1325mm, M = 300Kg



* The CKF is dedicated for use with the MSA HSB Collator, but can also be supplied with it's own PLC controls for standalone applications. Contact MSA for further details.



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