

KT90 Curved Table



KT90

KT90 curved table – saves time and space

MBO's curved table KT90 enables new positioning possibilities for folding production lines. Using the left turn version at the three-fold exit allows deliveries to be placed at a 90° angle. On the other hand, with the right turn version at the cross fold exit, the delivery can be placed in straight

line. The KT90 allows the delivery to be very quickly repositioned between the three-fold and cross fold exit. This means that set-up times can be shortened. In addition, space in the production environment is optimally used.



KT90 curved table with M1 Advanced machine control.

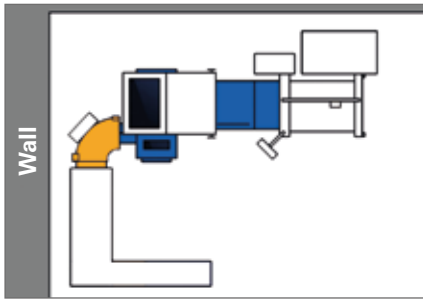
Safe sheet transport – easy handling

A simple sheet run offering good observability is the basis for fast and uncomplicated setup. The freely adjustable transport rollers allow individual adaptation to the product being processed. They ensure that the sheets are guided around the turn safely and without markings.



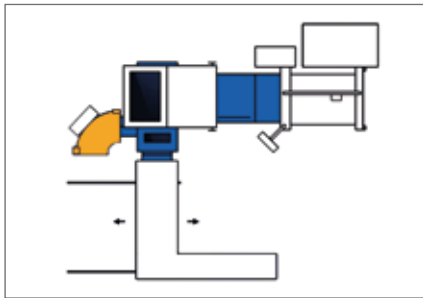
The sheet run on the KT90 curved table is freely accessible.

Features and benefits



Saving of space

The KT90 curve table makes it possible to change the dimensions of a folding line in such a way that it can also be set up in confined spaces. The right-hand curve version – positioned at the cross fold exit of combi folding machines – permits in line installation. The delivery is positioned on the operator side of the folding machine with the left-hand curve at the three-fold exit.



Saving of set-up time

Wherever the cross fold or three-fold exit is in use, utilising the KT90 curve table means that the downstream delivery no longer needs to be pushed around the folding machine in a cumbersome manner. When used as a left-hand curve, a rail system is also available, which allows the delivery to be positioned effortlessly and precisely. Existing deliveries can also be retrofitted with the necessary rail wheels.

Application example of autonomous production

The KT90 can also be used in the latest development from MBO, the autonomous finishing line. The advantages of saving space and set-up time are therefore combined. By means of the curved table on the cross fold exit, all the downstream units need only be displaced in parallel to use the three-fold exit. In this case, this affects the VT50 folding quality control unit and the A80 delivery with the CoBo-Stack stacking robot. Optionally, a rail system can be used for this purpose. This allows a further production

line to be set up in a space-saving, mirrored manner. Autonomous production combines the latest automation technologies from MBO to create the safest, most efficient and most productive folding machine installation in the world. Work that used to be performed by the operator is now automated. Human error is now a thing of the past and the operator can attend to other work or even operate two folding machines simultaneously.



Standard features:

- Version as a left-hand curve
- Machine control M1 Basic
- Enables space saving positioning of deliveries in a 90° angle or in line with the folder
- Uncomplicated and easily accessible sheet transportation
- Marking-free sheet run

Alternative features:

- Version as a right-hand curve
- M1 Advanced machine control

Additional feature:

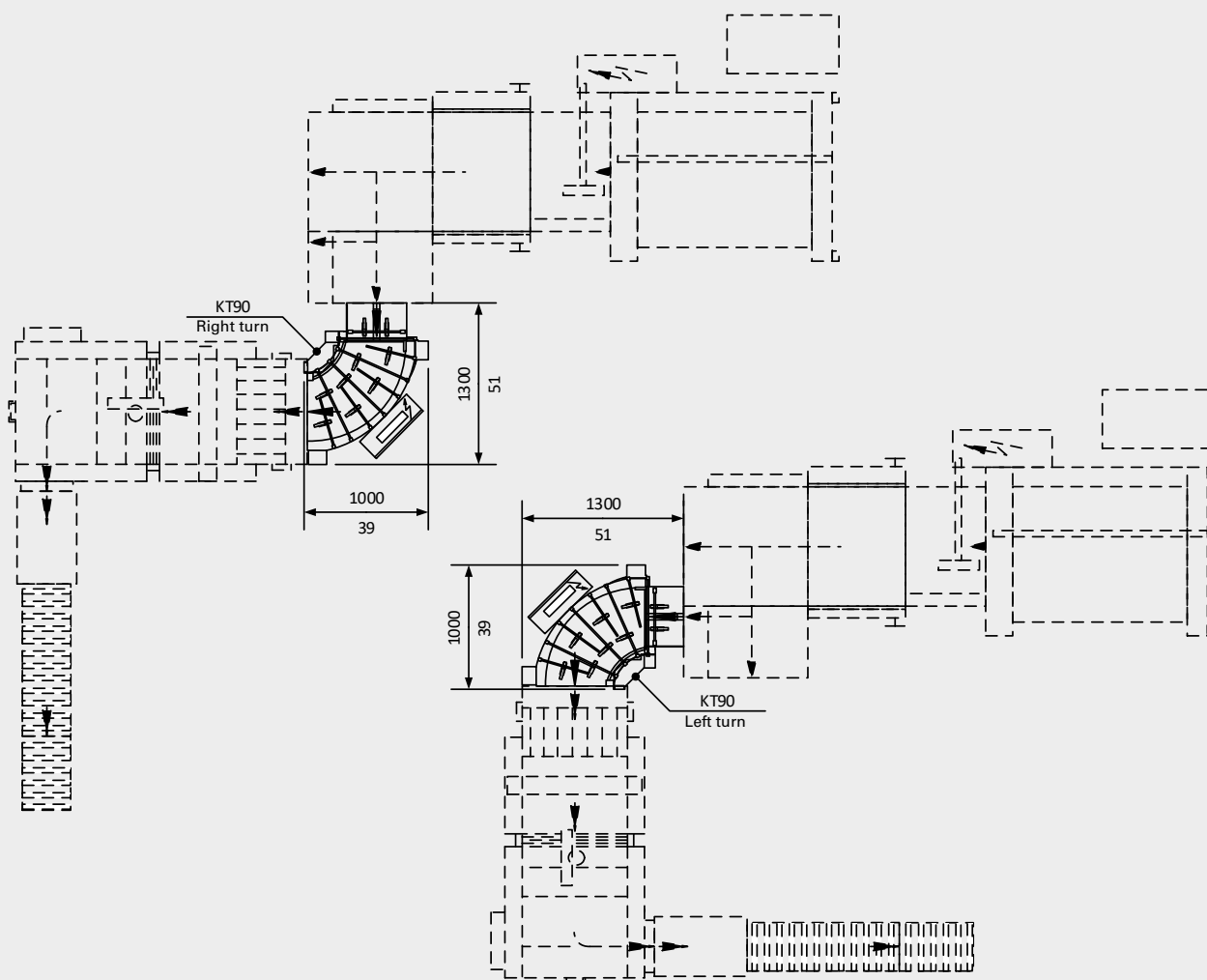
- Rail system for simple positioning of downstream units (only for version as a left-hand curve)

Technical specifications

	KT90	
	mm	inch
Infeed width	140 – 350	5 1/2 – 13 3/4
Infeed length	100 – 240	4 – 9 3/8
Infeed height ¹	530 – 710	20 3/4 – 28
Speed	15 m/min – 100 m/min (49 fpm – 328 fpm)	

¹Adjustable in 20 mm (3/4 inch) steps

KT90 floor plan



Measurements in $\frac{\text{mm}}{\text{inch}}$

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