

## SCM's new solution for cardboard box packaging at Ligna: cut c 200

Up to four made-to-measure boxes per minute, different in shape and size, produced *just in time* for flexible and sustainable packaging. This is also possible with the new **cut c 200** right-size-box-making machine as part of the Smart&Human Factory production model for the furniture industry and developed in line with the growing need by **manufacturers of assembled and kit furniture** for solutions that guarantee **maximum flexibility** without sacrificing **high productivity levels**.

The secret of 'batch one' packaging or *order by order* lies with the independent cutting and longitudinal creasing units and the transversal unit. Both allow for the creation of shapes that vary considerably from one another and in a shorter period of time compared to market standards: more than **4 boxes per minute**. This is possible thanks also to the high advancement speed and use of a brushless motor with extremely fast positioning set-up.

**Use of the machine is simple and intuitive.** The operator can call up the required box from the interface or by reading a barcode or, by using the scanbox, that automatically transmits the sizes of the product to be packed, to the machine via barcode reading in real time.

**No more waste.** One other advantage is the possibility of optimising the consumption of cardboard based on the actual sizes of the box produced. With the **cut c 200** model, a choice can be made between **three different types of feed**: single sheet cardboard or fanfold, with side by side fanfolds or with automatic selector up to eight fanfolds. After which, the machine selects the most suitable size automatically from among those available.

The packaging is then put together based on the actual sizes of the product **which avoids using expensive** additional filling **materials** and encourages a **saving in manpower times**.

**Space optimisation.** Storage and movement of dozens of boxes of different shapes will no longer be a problem with the new **cut c 200** machine, with considerable advantages, in this case as well, for the operator's everyday work.

**High versatility.** SCM's new punching machines are standard fitted with 7 cutting and creasing units. There is, however, the option of choosing a configuration with 12 units to achieve up to two flanked boxes.

Lastly, each unit can fit different kinds of tools (with the added advantage of having standard longitudinal and transversal units on **cut c 200**) and preparation is fully automatic.