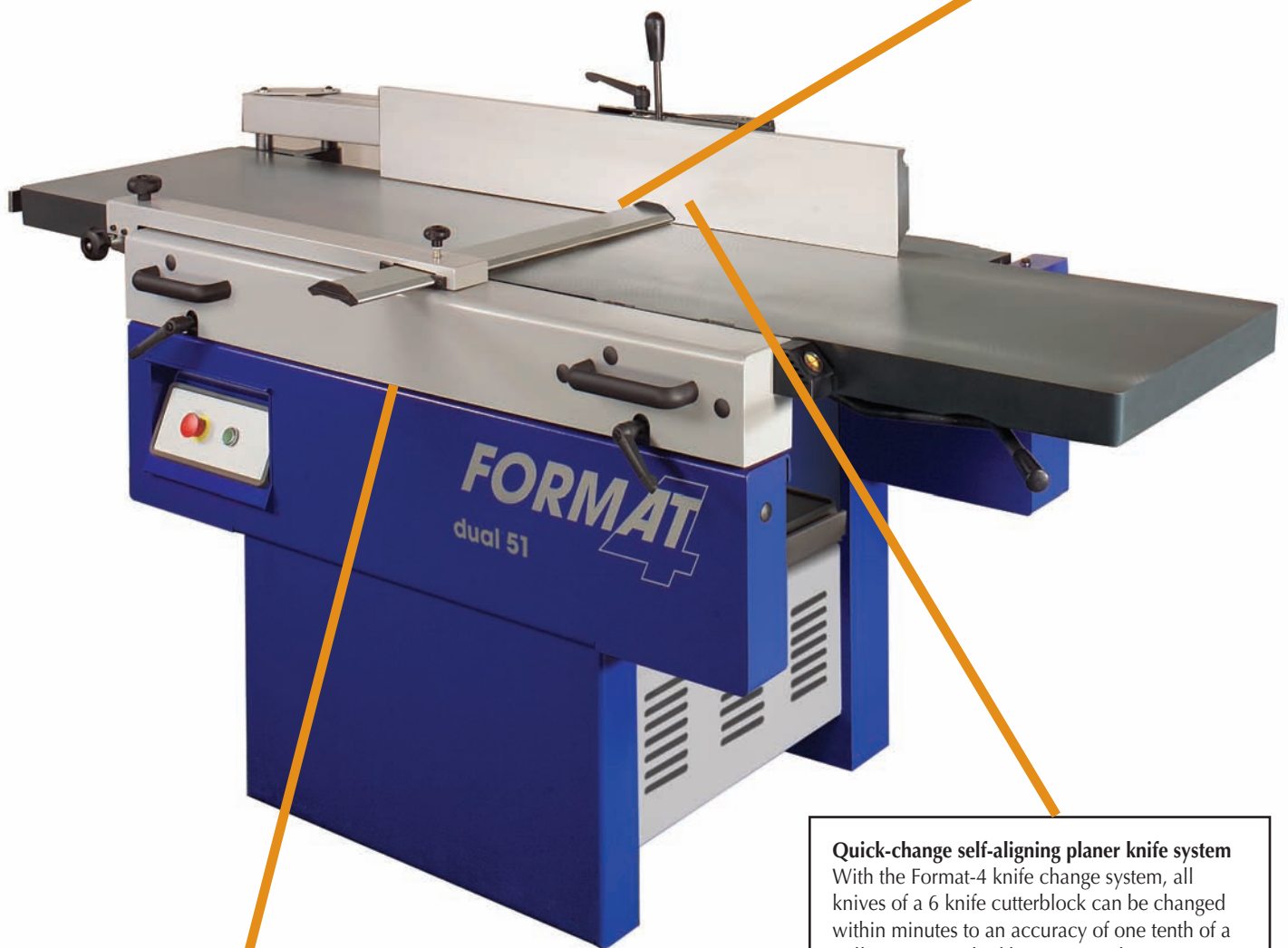


# inside story

## Six knife cutterblock

A unique feature of the Dual 51 is its six knife cutterblock. The extra knives mean a smoother finish is produced, which means less finishing (sanding) time is required before the workpiece is painted or varnished.



## Variable infeed speed regulator

Unlike most machines which have a number of fixed infeed speeds, the Dual 51 has a variable infeed speed regulator which is stepless between 4 and 16 metres per minute. The operator can speed up or slow down the rate of feed to suit the quality of finish required.

## Quick-change self-aligning planer knife system

With the Format-4 knife change system, all knives of a 6 knife cutterblock can be changed within minutes to an accuracy of one tenth of a millimetre. Standard knives can take up to 15-20 minutes per knife.

Combination machines are ideal when space in the factory or workshop is limited. The Format-4 dual 51 from Felder has an extremely compact design - the space saving construction of the jointing fence using a parallelogram system is proof of this. The combined surface planer-thicknesser uses state-of-the-art technology synonymous with Felder's Format-4 range, making this machine capable of meeting even the highest of demands. If you are thinking that you like the idea of a space saving machine, but that combination machines are troublesome when it comes to changing from one machine to the other, think again. Felder has made changing from planing to thicknessing easier and, with a host of unique features, the Format 4 dual 51 requires a closer look. **For more information call Felder on 01908 635000.**

**Unique planer fence support system**

Unique in that the planer fence support uses a folding system which supports the fence directly over the cutterblock, but doesn't require the back side of the machine to be placed away from a wall. The space saving design is very smooth and easy to adjust along the width of the planer tables and between 90° and 45° for bevelled work.

**Quick application change system**

According to Felder, changing applications from planing to thicknessing and back is possible within seconds. Both planer tables lift up and out of the way together. The solid cast iron tables are heavy but Felder has built a counter balance system to make it easier to lift the tables out of the way for thicknessing. It also prevents the tables from crashing back down when you lower them again for planing.

**Thicknessing table height adjustment**

Two systems are available - Power Drive and Digi Drive. Power Drive uses a switch and LED display to raise and lower the thicknessing table, there is also a fine adjustment button so that the height of the table can be set to one tenth of a millimetre. The Digi Drive uses a keypad to set the required height of the thicknessing table. Simply type in the desired thickness, press start and the table will move to that position. It is also possible to set at increments so that the thicknessing table will move up at the set measurement everytime that start button is pushed.

