



Products and Processes

Format 4 Perfect 710 E Motion

Edgebanding, as most of us would agree, contributes to the 'look and feel' of our furniture. A good edgebander is a major investment for most companies and a mistake here could be a very expensive one. Over the last few years, Felder Group, which owns the Format 4 brand, has been manufacturing a wide range of edgebanding machines to cater to the needs of their clients. The Format 4 Perfect 710 E Motion is the latest addition to this long list of distinguished edgebanders. While most Felder edgebanders do a fantastic job, the Perfect 710 E Motion takes the next step and adds automation to the edgebander, thereby doing away the need for manual set up.



As the name suggest, all the units in the Perfect 710 E Motion can be controlled from the 10" touch screen control panel. The two heavy duty motors of the pre milling unit are equipped with helical diamond cutters for achieving the highest finish quality. The end trimming unit swivels 15 degrees to achieve the perfect cut while working with thin edges. Setting up the top and bottom trimming is the bugbear of most edgebanders. This process is made ultra easy by the motorical settings which allow the unit to be calibrated to 0.1 mm of precision. No more chipped boards, excess edging, and uneven radiuses. The machine also has corner rounding, radius scraping, pneumatically activated glue scraping and buffing units.

Programming the machine with its 10" touch screen is a real



Control Panel



Corner Rounding Unit

breeze. Felder has done away with 'language' requirements and has shifted to 'pictures' and colour codes: red means off, green means on, simple. As the cliché goes, 'a picture is worth a thousand words'. No more memorising commands, referring to thick operation manuals or long troubleshooting menus.



Pre Milling Unit

The machine offers a feed speed of 12 m/min, panel thickness from 8-60 mm and edge thickness from 0.4-10 mm of coiled material and strips. Optionally, customers can fix Riepe® units on their machines for spraying release agents, anti-static agents and cleaning agents. For customers working in extremely cold conditions, the machine can be fitted with an infra red heater to raise the temperature of the board. This allows the perfect adhesion of the board and the edge.

It's noteworthy that Felder Group has already installed several of these machines with pre-milling units in India and also the slightly smaller Perfect 710 X Motion.

As usual, all Felder Group machines are 100% made in Austria.

www.format-4-india.com