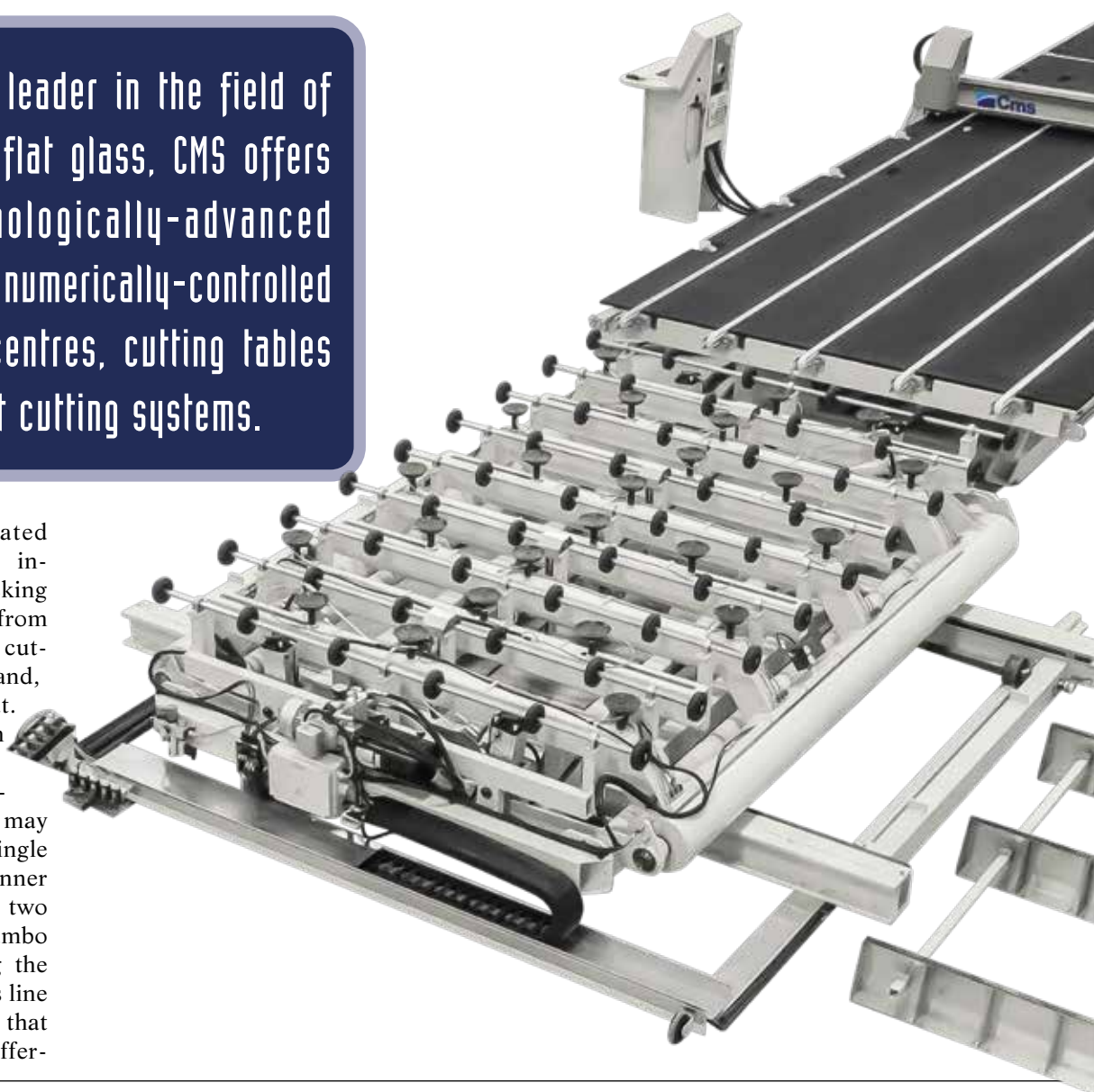


One operator to oversee an entire CMS cutting line

An industry leader in the field of curved and flat glass, CMS offers such technologically-advanced solutions as numerically-controlled machining centres, cutting tables and waterjet cutting systems.

A fully-automated cutting line involves picking up glass sheets from the racks, then cutting them to size and, lastly, breaking-out. Depending upon the final sizes of the glass to be unloaded, the line may be overseen by a single operator. CMS' runner line is available in two sizes, namely half Jumbo and Jumbo. Among the main features of this line is its versatility in that it allows glass of differ-





ent sizes to be loaded - from a minimum of one to a maximum of eight racks. The line is configurable to the client's demands and, where more configurations are required, options can be customized. The CMS LD loader picks up the sheets from the racks automatically before conveying them horizontally to the cutting table. The cutting sequence is

optimized by the runner line - performing both straight and shaped cuts. Between one cut and another there is also the "on the go" automatic tool change option, thanks to the CMS special Z-carriage with its 4 cutting heads. Lastly, the runner line transfers the sheets automatically to the TR break-out table where the operator can use break-out bars to separate the cut glass before unloading it. Thus, a single operator can

oversee a fully-automated line with as many as 24 potential configurations - depending upon glass size and rack number.

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