

CUTTING LINES

SMARTCUT

SmartCut is the fifth generation and Industry4.0 all inclusive glass cutting line, that is the most advanced glass cutting system available from Flat Glass Solutions and Anhui Yinrui. Smartcut presents a practical and economical solution for cutting, and comes fully integrated with Auto-Loader, High Speed Cutting, and Break Section.

Flat Glass Solutions offers innovative glass cutting systems for monolithic glass and laminated glass with options for auto-loading and even auto-breakout systems.

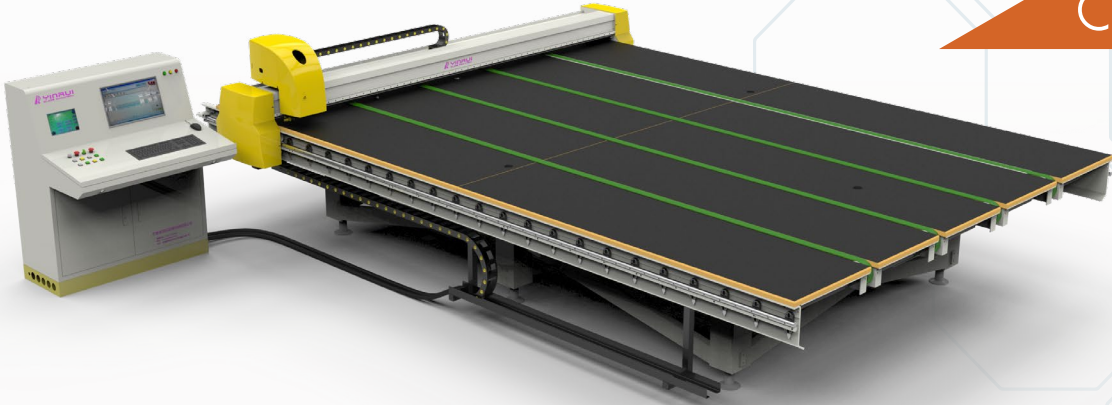
- Precision manufactured components.
- Aerospace technology.
- Cutting bridge manufactured from extruded alloy eliminating joints and reducing vibration.
- High speed cutting up to 200 m/min.
- Seamless rack and gear system to both side of the table ensuring the bridge is perfectly aligned, stable and precise.
- Easy and simple access for service and maintenance.

LOADERS



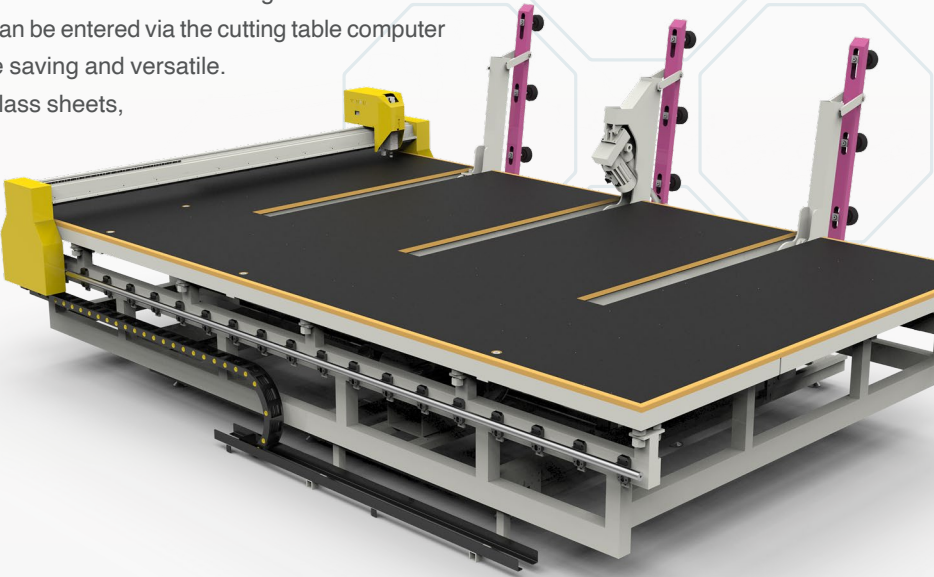
YR-LS

The glass Loading Systems can be integrated to any cutting table. They can load from one or both sides in the 'X' direction, and can travel to multiple stations in the 'Y' direction. When installed to a single static rack they can 'collect' glass from almost any depth. The loaders can have independent control or can be integrated to an existing line. Intelligent control means it can be set to run with a single keystroke for repeated operation. Efficient, labour saving and safe.



YR-EL CUTTING TABLES

Stand alone automatic CNC cutting table with air floatation for manual loading or free fall rack systems. Integrated optimisation software means data can be entered via the cutting table computer software or through company network software. Space saving and versatile. Belt loading and air flotation for moving and indexing glass sheets, means these cutting tables can be operated with other work stations or loading systems. Like all our cutting systems they come with aluminium alloy bridges and quenched steel frames.



YR-MF CUTTING TABLES

Multi-function cutting table for manual loading and from static rack system to one side. Especially suited to multiple standard size standard glass optimisation where high output is required. Labour and space saving.

Model	Glass Size (mm)	Glass Thickness (mm)	Cutting Speed (m/min)	Accuracy ($\leq \pm$ mm/m)	Footprint (m x m)	Installed Power (kW)	Power Supply (V/Hz)	Air Supply Bar
EL-A-1310	1300 x 1000	2-19	120	0.20	2.1 x 1.8	6	380/50	6
EL-A-2520	2500 x 2000	2-25	160	0.20	3.2 x 2.7	10	380/50	6
EL-B-4228	4200 x 2800	2-25	180	0.20	5.0 x 4.0	12	380/50	6
EL-B-6133	6100 x 3300	3-25	180	0.20	7.0 x 4.5	18	380/50	6
MF-2520	2500 x 2000	3-12	140	0.20	3.3 x 3.2	10	380/50	6
MF-3728	3700 x 2800	3-12	140	0.20	4.5 x 4.0	12	380/50	6
MF-4228	4200 x 2800	3-12	140	0.20	5.0 x 4.0	14	380/50	6
SC-AD-4228	4200 x 2800	2-25	220	0.15	15.0 x 4.0	19	380/50	6
SC-AD-6133	6100 x 3300	3-25	220	0.20	21.0 x 4.5	24	380/50	6
LS-4228	4200 x 2800	2-25			5.0 x 4.0	10	380/50	6
LS-6133	6100 x 3300	3-25			7.0 x 4.5	12	380/50	6

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