

ESL-RS

Combined edge deletion and cutting machine for low-E coated glass sheets

LiSEC

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Fully automatic cutting table for float and special glasses using cutting wheel technology. The table is equipped with an additional grinding unit which allows soft coatings to be removed. Straight edges can thereby be simultaneously cut and ground in a single process, which guarantees low cycle times while offering maximum quality. Standard and digitalized special forms can be cut with ease.

The CNC program adjusts the maximum axis speed and acceleration to the shape being cut. Cutting path optimization provides the optional possibility of minimizing axis movement and ensuring the shortest cutting and grinding times. In addition, the modular LiSEC machine concept allows almost unlimited

possibilities for extension at a later date, as required: for integration in a sorting system or in a laminated glass cutting table or for connection to an automatic glass loader. Discover new possibilities – we will be pleased to advise you.

Highlights

- Simultaneous cutting and grinding of straight cuts
- Extremely short processing times
- Optimal cutting quality with minimum tolerances
- Vibration-free bridge movement
- 360° grinding in one cycle
- With fixed finishing brush on the bottom

Optional

- Shapes according to LiSEC shape catalogue
- Return move automatic
- 3 oil supplies
- Fully automatic tool-changer for cutting wheels
- Dynamic finishing brush on the top and bottom
- Dynamic finishing brush only bottom
- Integrated device for cutting off residual glass (RP-I)

| Technical Data | ESL-37/26RS | ESL-37/33RS | ESL-60/30RS | ESL-75/33RS |
|--------------------------------|-------------------------------------|------------------|------------------|------------------|
| Glass thickness | 2,3 - 12 mm optional 2,3 - 19 mm | | | |
| Maximal size | 3.700 x 2.600 mm | 3.700 x 3.300 mm | 6.000 x 3.300 mm | 7.500 x 3.300 mm |
| Cutting speed | 120 m/min | | | |
| Grinding of coated glass units | fix 10 mm | | | |
| Cutting pressure regulation | manual optional electronic | | | |