



## EDGE CELL 1060 PLUS

**General**

|                                                                       |                                                                                                  |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Machine weight                                                        | 3200 kg                                                                                          |
| Machine dimensions                                                    | 2545 x 1978 x 2107 mm (LWH)                                                                      |
| Transport dimensions + weight                                         | 2650 x 2100 x 2117 mm (LWH) / 3300 kg                                                            |
| Working height                                                        | From 860 to 1010 mm                                                                              |
| Minimum workpiece dimensions<br>(if vacuum or magnetically supported) | Measurement: the size of a credit card depending on the shape and what can be held by the vacuum |
| Workpiece height                                                      | Electronic digital readout of the workpiece height                                               |
| Table opening                                                         | Motorised height adjustment of the table: 0.5 - 150 mm                                           |
| Operation                                                             | PLC control with buttons and rotary controls (potentiometers)                                    |

**Unit K: contact roller**

|                              |                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------|
| Aggregate                    | 1x contact roller:<br>Spiral grooved<br>Dynamically balanced<br>Vulcanised rubber<br>Oil and heat-resistant |
| Contact roller diameter      | 132 mm                                                                                                      |
| Motor power                  | 11 kW                                                                                                       |
| Contact roller hardness      | 70 Shore                                                                                                    |
| Height adjustability         | ✓                                                                                                           |
| Adjustable grinding pressure | ✓                                                                                                           |
| Grinding belt dimensions     | 1060 x 1900 mm                                                                                              |
| Grinding belt tension        | Pneumatic                                                                                                   |
| Grinding belt speed          | Frequency controlled                                                                                        |
| Oscillation                  | Pneumatic-electronic oscillation                                                                            |
| Safety system                | Machine does not start if grinding belt is not under tension                                                |

**Unit 4PTB: top brushes**

|                       |                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------|
| Number of stations    | 4 top brushes: 2 oscillating brush rows (2x clockwise and 2x counter clockwise)                  |
| Brush diameter        | 250 mm                                                                                           |
| Motor power per brush | 1.5 kW                                                                                           |
| Brush speed           | Frequency controlled                                                                             |
| Oscillation           | Speed is frequency controlled                                                                    |
| Oscillation movement  | Oscillation movement is adjustable in 4 positions and moves 100% over the entire conveyor width. |





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#### Conveyor belt

|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Conveyor belt width | 1060 mm                                                                                                                        |
| Conveyor belt speed | Frequency control 0.5 - 6 m/min                                                                                                |
| Conveyor version    | Oil and spark proof                                                                                                            |
| Pressure rollers    | Spring-loaded pressure rollers.<br>Rubber coating ensures a better grip on the workpieces.<br>Oil and spark resistant coating. |
| Transport table     | Mounted on 4 spindles and motorised adjustable from 0.5 - 150 mm                                                               |

#### Optional

|                   |                                   |
|-------------------|-----------------------------------|
| Vacuum system     | Fixation of non-ferrous materials |
| Magnetic system   | Fixation of ferrous materials     |
| Extraction system | Mistral Aqua A300 - 5.5           |

