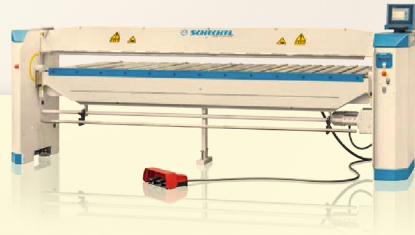


# TECHNICAL DATA

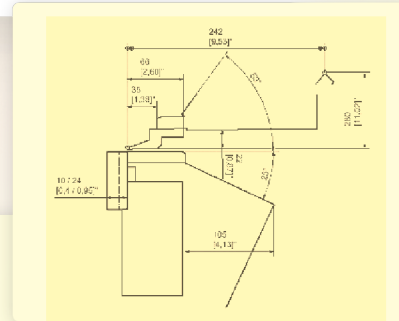
PERFORMANCE, DIMENSIONS AND WEIGHT.  
SECTIONAL DRAWINGS FOR BEAM ELEMENTS.



## MBM

### ECT CONTROL

|   |               |            |           |
|---|---------------|------------|-----------|
| Model                                       |               | 250        | 310       |
| Working length                              | mm            | 2,500      | 3,100     |
| Bending capacity                            |               |            |           |
| Steel 400 N/mm <sup>2</sup>                 | mm            | 1.00       | 1.00      |
| Aluminum 250 N/mm <sup>2</sup>              | mm            | 1.50       | 1.50      |
| VA 600 N/mm <sup>2</sup>                    | mm            | 0.60       | 0.60      |
| Bending beam motor power rating             | kW            | 0.55       | 0.55      |
| Clamping beam motor power rating            | kW            | 0.4        | 0.4       |
| Max. opening height                         | mm            | 130        | 130       |
| Max. clamping beam speed                    | mm/s          | 5.7        | 5.7       |
| Max. bending beam speed                     | °/s           | 95         | 95        |
| Overall dimensions                          |               |            |           |
| Length                                      | mm            | 3,325      | 3,825     |
| Width with 750 mm motorized backgauge       | mm            | 1,690      | 1,690     |
| Working height                              | mm            | 931        | 931       |
| Total height                                | mm            | 1,569      | 1,569     |
| Weight                                      | kg            | 1,700      | 1,860     |
| Connecting data                             |               |            |           |
| Connecting load                             | kVA           | 2.27       | 2.27      |
| Recommended fuse protection EU 3x slow blow | A             | 16         | 16        |
| Connector plug CEE.. A 5-pole               |               | 16         | 16        |
| Recommended RCD type                        | Doepke        | DFS 4 B SK |           |
| Recommended RCD tripping current            | mA            | 30         | 30        |
| supply voltage EU 3x                        | AC 50 - 60 Hz | 380 - 420  | 380 - 420 |



## MAX

|                                  |     |       |       |       |       |       |       |
|----------------------------------|-----|-------|-------|-------|-------|-------|-------|
| Model                            |     | 100   | 150   | 200   | 250   | 310   | 400   |
| Working length                   | mm  | 1,040 | 1,540 | 2,040 | 2,540 | 3,100 | 4,040 |
| Bending capacity                 |     |       |       |       |       |       |       |
| Steel 400 N/mm <sup>2</sup>      | mm  | 3.50  | 3.00  | 2.50  | 2.00  | 1.50  | 1.00  |
| Aluminum 250 N/mm <sup>2</sup>   | mm  | 5.00  | 4.50  | 4.00  | 3.00  | 2.00  | 1.50  |
| VA 600 N/mm <sup>2</sup>         | mm  | 2.00  | 2.00  | 1.50  | 1.25  | 1.00  | 0.60  |
| Bending beam motor power rating  | kW  | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   |
| Clamping beam motor power rating | kW  | 0.75  | 0.75  | 0.75  | 0.75  | 0.75  | 0.75  |
| Max. opening height              | mm  | 140   | 140   | 140   | 140   | 140   | 140   |
| Max. bending beam speed          | °/s | 70    | 70    | 70    | 70    | 70    | 70    |

### STD CONTROL

|   |               |                  |           |           |           |           |           |
|---|---------------|------------------|-----------|-----------|-----------|-----------|-----------|
| Overall dimensions: Length                  | mm            | 1,923            | 2,423     | 2,923     | 3,423     | 3,983     | 4,923     |
| Width                                       | mm            | 663              | 663       | 663       | 663       | 663       | 663       |
| Width with 500 mm manual backgauge          | mm            | 956              | 956       | 956       | 956       | 956       | 956       |
| Working height                              | mm            | 845              | 845       | 845       | 845       | 845       | 845       |
| Total height                                | mm            | 1,193            | 1,193     | 1,193     | 1,193     | 1,193     | 1,193     |
| Weight                                      | kg            | 1,550            | 1,740     | 1,940     | 2,135     | 2,325     | 2,700     |
| Connecting data                             |               |                  |           |           |           |           |           |
| Connecting load                             | kVA           | 2.3              | 2.3       | 2.3       | 2.3       | 2.3       | 2.3       |
| Recommended fuse protection EU 3x slow blow | A             | 16               | 16        | 16        | 16        | 16        | 16        |
| Connector plug CEE.. A 5-pole               |               | 16               | 16        | 16        | 16        | 16        | 16        |
| Recommended RCD type                        |               | no specification |           |           |           |           |           |
| Recommended RCD tripping current            | mA            | 30               | 30        | 30        | 30        | 30        | 30        |
| Supply voltage EU 3x                        | AC 50 - 60 Hz | 380 - 420        | 380 - 420 | 380 - 420 | 380 - 420 | 380 - 420 | 380 - 420 |

### ECT CONTROL

|   |               |            |           |           |           |           |           |
|---|---------------|------------|-----------|-----------|-----------|-----------|-----------|
| Overall dimensions: Length                  | mm            | 1,942      | 2,442     | 2,942     | 3,442     | 4,002     | 4,942     |
| Width                                       | mm            | 760        | 760       | 760       | 760       | 760       | 760       |
| Width with 750 mm motorized backgauge       | mm            | 1,588      | 1,588     | 1,588     | 1,588     | 1,588     | 1,588     |
| Working height                              | mm            | 860        | 860       | 860       | 860       | 860       | 860       |
| Total height                                | mm            | 1,260      | 1,260     | 1,260     | 1,260     | 1,260     | 1,260     |
| Weight                                      | kg            | 1,618      | 1,823     | 2,030     | 2,235     | 2,465     | 2,850     |
| Connecting data                             |               |            |           |           |           |           |           |
| Connecting load                             | kVA           | 2.87       | 2.87      | 2.87      | 2.87      | 2.87      | 2.87      |
| Recommended fuse protection EU 3x slow blow | A             | 16         | 16        | 16        | 16        | 16        | 16        |
| Connector plug CEE.. A 5-pole               |               | 16         | 16        | 16        | 16        | 16        | 16        |
| Recommended RCD type                        | Doepke        | DFS 4 B SK |           |           |           |           |           |
| Recommended RCD tripping current            | mA            | 30         | 30        | 30        | 30        | 30        | 30        |
| Supply voltage EU 3x                        | AC 50 - 60 Hz | 380 - 420  | 380 - 420 | 380 - 420 | 380 - 420 | 380 - 420 | 380 - 420 |

### CNC S-TOUCH CONTROL

|   |               |                                      |           |           |           |           |           |
|---|---------------|--------------------------------------|-----------|-----------|-----------|-----------|-----------|
| Overall dimensions: Length                  | mm            | 2,000                                | 2,500     | 3,000     | 3,500     | 4,050     | 5,000     |
| Width with 1,000 mm motorized backgauge     | mm            | 1,903                                | 1,903     | 1,903     | 1,903     | 1,903     | 1,903     |
| Working height                              | mm            | 860                                  | 860       | 860       | 860       | 860       | 860       |
| Total height                                | mm            | 1,674                                | 1,674     | 1,674     | 1,674     | 1,674     | 1,674     |
| Weight                                      | kg            | 1,618                                | 1,823     | 2,030     | 2,235     | 2,465     | 2,850     |
| Connecting data                             |               |                                      |           |           |           |           |           |
| Connecting load                             | kVA           | 3.6                                  | 3.6       | 3.6       | 3.6       | 3.6       | 3.6       |
| Recommended fuse protection EU 3x slow blow | A             | 16                                   | 16        | 16        | 16        | 16        | 16        |
| Connector plug CEE.. A 5-pole               |               | 16                                   | 16        | 16        | 16        | 16        | 16        |
| Recommended RCD type                        | Doepke        | DFS 4 B SK                           |           |           |           |           |           |
| Recommended RCD tripping current            | mA            | 30                                   | 30        | 30        | 30        | 30        | 30        |
| Supply voltage EU 3x                        | AC 50 - 60 Hz | 380 - 420                            | 380 - 420 | 380 - 420 | 380 - 420 | 380 - 420 | 380 - 420 |
| Compressed air connection                   |               | min. 6 bar, max. 10 bar - < 10l/min. |           |           |           |           |           |

