

# UNYKA 65

## Technical features

---

### INJECTION UNIT

|                                   |                 |           |           |   |
|-----------------------------------|-----------------|-----------|-----------|---|
| Screw diameter                    | mm              | <b>30</b> | <b>35</b> | - |
| Screw L/D ratio                   | nr.             | 26        | 22        | - |
| Pressure on material              | bar             | 2100      | 1600      | - |
| Theoretical shot volume           | cm <sup>3</sup> | 120       | 164       | - |
| Maximum shot weight (polystyrene) | gr              | 113       | 154       | - |
| Plasticizing capacity             | Kg/h            | 48        | 57        | - |
| Screw speed                       | nr.             | 350       |           | - |
| Hydraulic motor torque            | Nm              | 340       |           | - |
| Heating power                     | kW              | 9         |           | - |
| Heating zones                     | nr.             | 3         |           | - |

### CLAMPING UNIT

|                              |    |           |   |
|------------------------------|----|-----------|---|
| Clamping force               | kN | 640       | - |
| Space between tie bars (HxV) | mm | 400 x 360 | - |
| Opening stroke               | mm | 360       | - |
| Mould thickness              | mm | 100 ÷ 400 | - |
| Mould sizes                  | mm | 398 x 540 | - |
| Hydraulic ejector force      | kN | 15        | - |
| Hydraulic ejector stroke     | mm | 130       | - |

### GENERAL DATA

|                            |     |                 |   |
|----------------------------|-----|-----------------|---|
| Motor power                | kW  | 11              | - |
| Total installed power      | kW  | 20              | - |
| Operating pressure         | bar | 120             | - |
| Overall dimensions (LxWxH) | cm  | 360 x 110 x 195 | - |
| Weight                     | Kg  | 3200            | - |