

## TECHNICAL DATA

| TYPE  |    |       | UT.50.H TE       |
|---|----|-------|------------------|
| Size description in compliance with EUROMAP 1 |    |       | 500H-125         |
| INJECTION UNIT                                |    |       |                  |
| Screw diameter                                |    | mm    | 22 \ 25 \ 28     |
| Max. swept volume <sup>(2)</sup>              |    | c.c   | 47 \ 61 \ 77     |
| Max. shot weight <sup>(2)</sup>               |    | g     | 42 \ 55 \ 69     |
| Max. injection pressure                       |    | MPa   | 260 \ 201 \ 110  |
| Max. injection rate <sup>(3)</sup>            | M1 |       | 56 \ 72 \ 91     |
|   | M2 | g/sec | 65 \ 84 \ 106    |
|   | M3 |       | 95 \ 123 \ 155   |
| Screw L/D ratio                               |    |       | 22,7 \ 20 \ 20   |
| Max. screw stroke <sup>(2)</sup>              |    | mm    | 125              |
| Screw speed range                             | M1 |       | 10-500           |
|   | M2 | rpm   | 10-500           |
|   | M3 |       | 10-500           |
| Max. screw torque                             |    | Nm    | 250              |
| Heating capacity                              |    | kW    | 4,6 \ 4,6 \ 5,1  |
| Number of heating zones                       |    | qty   | 3+N              |
| Max. nozzle sealing force                     |    | kN    | 57               |
| Max. nozzle retract stroke                    |    | mm    | 250              |
| Hopper capacity                               |    | litre | 41               |
| CLOSING UNIT                                  |    |       |                  |
| Max. locking force                            |    | kN    | 550              |
| Max. unlocking force                          |    | kN    | 39,08            |
| Max. opening stroke                           |    | mm    | 425              |
| Min. mould height                             |    | mm    | 200              |
| Max. daylight                                 |    | mm    | 625              |
| Space between tie bars (H x V)                |    | mm    | 360 x 360        |
| Platen size (H x V)                           |    | mm    | 500 x 500        |
| Max. ejector stroke                           |    | mm    | 125              |
| Max. ejector forward /retract force           |    | kN    | 33,6/21,5        |
| DRIVE, DIMENSIONS, WEIGHT                     |    |       |                  |
| Hydraulic system pressure                     |    | MPa   | 17,5             |
| Pump drive motor                              | M1 |       | 11               |
|   | M2 | kW    | 15               |
|   | M3 |       | 18,5             |
| Oil filling - hydraulic                       |    | litre | 285              |
| Total installed electrical capacity           | M1 |       | 15,6 \ 15,6 \ 16 |
|   | M2 | kW    | 19,6 \ 19,6 \ 20 |
|   | M3 |       | 23,1 \ 23,1 \ 23 |
| Machine net weight                            |    | kg    | 3500             |
| Machine dimensions (L x W x H)                |    | m     | 3,82 x 1,30 x    |

<sup>(2)</sup> - 5mm decompression stroke    <sup>(3)</sup> - for polystyrene     - standard

## TECHNICAL DATA

| UT.50.H TERMOPLASTIC | UT.50.H TERMOPLASTIC | UT.50.H  |
|----------------------|----------------------|----------|
| 500H-125             | 500H-230             | 500H-335 |

### INJECTION UNIT

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| 22 \ 25 \ 28    | 28 \ 30 \ 35    | 30 \ 35 \ 40    |
| 47 \ 61 \ 77    | 92 \ 106 \ 144  | 123 \ 168 \ 220 |
| 42 \ 55 \ 69    | 83 \ 95 \ 129   | 111 \ 151 \ 197 |
| 260 \ 201 \ 160 | 250 \ 217 \ 160 | 271 \ 199 \ 152 |
| 56 \ 72 \ 91    | 58 \ 67 \ 91    | 54 \ 73 \ 96    |
| 65 \ 84 \ 106   | 68 \ 78 \ 106   | 62 \ 85 \ 111   |
| 95 \ 123 \ 155  | 99 \ 114 \ 155  | 91 \ 125 \ 163  |
| 22,7 \ 20 \ 20  | 21,4 \ 20 \ 20  | 23,3 \ 20 \ 20  |
| 125             | 150             | 175             |
| 10-500          | 10-330          | 10-260          |
| 10-500          | 10-380          | 10-305          |
| 10-500          | 10-500          | 10-440          |
| 250             | 410             | 520             |
| 4,6 \ 4,6 \ 5,1 | 6 \ 6 \ 7       | 8 \ 8 \ 9       |
| 3+N             | 3+N             | 3+N             |
| 57              | 57              | 57              |
| 250             | 250             | 300             |
| 41              | 41              | 41              |

### CLOSING UNIT

|           |           |           |
|-----------|-----------|-----------|
| 550       | 550       | 550       |
| 39,08     | 39,08     | 39,08     |
| 425       | 425       | 425       |
| 200       | 200       | 200       |
| 625       | 625       | 625       |
| 360 x 360 | 360 x 360 | 360 x 360 |
| 500 x 500 | 500 x 500 | 500 x 500 |
| 125       | 125       | 125       |
| 33,6/21,5 | 33,6/21,5 | 33,6/21,5 |

### DRIVE, DIMENSIONS, WEIGHT

|                    |                    |                    |
|--------------------|--------------------|--------------------|
| 17,5               | 17,5               | 17,5               |
| 11                 | 11                 | 11                 |
| 15                 | 15                 | 15                 |
| 18,5               | 18,5               | 18,5               |
| 285                | 285                | 285                |
| 15,6\15,6\16,1     | 17\17\18           | 19\19\20           |
| 19,6\19,6\20,1     | 21\21\22           | 23\23\24           |
| 23,1\23,1\23,6     | 24,5\24,5\25,5     | 26,5\26,5\27,5     |
| 3500               | 3500               | 3580               |
| 3,82 x 1,30 x 1,89 | 3,82 x 1,30 x 1,89 | 3,82 x 1,30 x 1,89 |