



# MAHEZASA MAQUINAS – HERRAMIENTA ZARAGOZA S.A.

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p><b>Nº</b> 05280</p> <p><b>Machine Brand Model</b> VERTICAL LATHE KRYPTON K-023</p> <p>Equipped with:</p> <ul style="list-style-type: none"> <li>- Chuck change</li> <li>- 2 pneumatic chucks Man of 630 mm</li> <li>- CNC FAGOR 8035-T</li> <li>- 2 chip conveyors</li> <li>- Pentagonal turret of 6 positions</li> </ul> |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| <p align="center"><b>Main Technical Data</b></p> <table> <tr> <td>➤ Maximum permissible diameter.....</td><td>800 mm</td></tr> <tr> <td>➤ Maximum lathing diameter.....</td><td>600 mm</td></tr> <tr> <td>➤ Maximum recommended diameter.....</td><td>500 mm</td></tr> <tr> <td>➤ Maximum length piece .....</td><td>490 mm</td></tr> <tr> <td>➤ X axis stroke .....</td><td>460 mm</td></tr> <tr> <td>➤ Z axis stroke .....</td><td>500 mm</td></tr> <tr> <td>➤ Cylindrical spindle feed .....</td><td>380 mm</td></tr> <tr> <td>➤ Chuck diameter.....</td><td>630 mm</td></tr> <tr> <td>➤ Maximum force of chuck to 6 bar pressure .....</td><td>200 Kn</td></tr> <tr> <td>➤ Spindle motor power .....</td><td>36 Kw</td></tr> <tr> <td>➤ Spindle speeds .....</td><td>10 + 1.000 rpm</td></tr> <tr> <td>➤ Spindle speeds – 1st range.....</td><td>250 + 1.000 rpm</td></tr> <tr> <td>➤ Spindle speeds – 2nd range .....</td><td>10 + 250 rpm</td></tr> <tr> <td>➤ Tool maximum size .....</td><td>32 x 32 mm</td></tr> <tr> <td>➤ Maximum weight admissible on the turret.....</td><td>220 Kg</td></tr> <tr> <td>➤ Maximum power of unbalance turret.....</td><td>200 Nm</td></tr> <tr> <td>➤ Rotation time of 1 position.....</td><td>3,5 sec</td></tr> <tr> <td>➤ Rotation time to complete 6 positions .....</td><td>9,6 sec</td></tr> <tr> <td>➤ Maximum weight of piece to work on pallet ...</td><td>900 kg</td></tr> <tr> <td>➤ Maximum weight of only one piece.....</td><td>450 kg</td></tr> <tr> <td>➤ Piece rotation time.....</td><td>30 sec</td></tr> <tr> <td>➤ Installed power.....</td><td>50 Kw.</td></tr> <tr> <td>➤ Approximate dimensions (mm).....</td><td>4.000 x 2.800 x 3.000</td></tr> <tr> <td>➤ Approximate weight.....</td><td>9.000 kg</td></tr> </table> |                                                                                                                                                                                                                                                                                                                              | ➤ Maximum permissible diameter..... | 800 mm | ➤ Maximum lathing diameter..... | 600 mm | ➤ Maximum recommended diameter..... | 500 mm | ➤ Maximum length piece ..... | 490 mm | ➤ X axis stroke ..... | 460 mm | ➤ Z axis stroke ..... | 500 mm | ➤ Cylindrical spindle feed ..... | 380 mm | ➤ Chuck diameter..... | 630 mm | ➤ Maximum force of chuck to 6 bar pressure ..... | 200 Kn | ➤ Spindle motor power ..... | 36 Kw | ➤ Spindle speeds ..... | 10 + 1.000 rpm | ➤ Spindle speeds – 1st range..... | 250 + 1.000 rpm | ➤ Spindle speeds – 2nd range ..... | 10 + 250 rpm | ➤ Tool maximum size ..... | 32 x 32 mm | ➤ Maximum weight admissible on the turret..... | 220 Kg | ➤ Maximum power of unbalance turret..... | 200 Nm | ➤ Rotation time of 1 position..... | 3,5 sec | ➤ Rotation time to complete 6 positions ..... | 9,6 sec | ➤ Maximum weight of piece to work on pallet ... | 900 kg | ➤ Maximum weight of only one piece..... | 450 kg | ➤ Piece rotation time..... | 30 sec | ➤ Installed power..... | 50 Kw. | ➤ Approximate dimensions (mm)..... | 4.000 x 2.800 x 3.000 | ➤ Approximate weight..... | 9.000 kg |
| ➤ Maximum permissible diameter.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 800 mm                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Maximum lathing diameter.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 600 mm                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Maximum recommended diameter.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 500 mm                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Maximum length piece .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 490 mm                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ X axis stroke .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 460 mm                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Z axis stroke .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 500 mm                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Cylindrical spindle feed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 380 mm                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Chuck diameter.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 630 mm                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Maximum force of chuck to 6 bar pressure .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 200 Kn                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Spindle motor power .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 36 Kw                                                                                                                                                                                                                                                                                                                        |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Spindle speeds .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10 + 1.000 rpm                                                                                                                                                                                                                                                                                                               |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Spindle speeds – 1st range.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 250 + 1.000 rpm                                                                                                                                                                                                                                                                                                              |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Spindle speeds – 2nd range .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10 + 250 rpm                                                                                                                                                                                                                                                                                                                 |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Tool maximum size .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 32 x 32 mm                                                                                                                                                                                                                                                                                                                   |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Maximum weight admissible on the turret.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 220 Kg                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Maximum power of unbalance turret.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 200 Nm                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Rotation time of 1 position.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3,5 sec                                                                                                                                                                                                                                                                                                                      |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Rotation time to complete 6 positions .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9,6 sec                                                                                                                                                                                                                                                                                                                      |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Maximum weight of piece to work on pallet ...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 900 kg                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Maximum weight of only one piece.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 450 kg                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Piece rotation time.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 30 sec                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Installed power.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 50 Kw.                                                                                                                                                                                                                                                                                                                       |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Approximate dimensions (mm).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4.000 x 2.800 x 3.000                                                                                                                                                                                                                                                                                                        |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| ➤ Approximate weight.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9.000 kg                                                                                                                                                                                                                                                                                                                     |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |
| <p>➤ Fully reconditioned machine, with CNC FAGOR 8035-T New</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                              |                                     |        |                                 |        |                                     |        |                              |        |                       |        |                       |        |                                  |        |                       |        |                                                  |        |                             |       |                        |                |                                   |                 |                                    |              |                           |            |                                                |        |                                          |        |                                    |         |                                               |         |                                                 |        |                                         |        |                            |        |                        |        |                                    |                       |                           |          |

(characteristics based according to technical data)