



## Rotabest 60 RL-E



Oil Bath



Especially well - suited to smooth and fast threading.



### Advantageous

- Full wave control electronics, allow maximum power output from the motor
- Right/left run, extends the range of application
- Oil bath gearbox, reduces wear on the gearbox significantly, even under extreme conditions
- Mechanical slipping clutch, protects the gearbox from overload and comes into action automatically
- Stepless adjustment, the stroke can be increased continuously
- Soft touch grips, perfect "grip" on the handles, even with oily gloves
- Membrane keyboard, perfect ergonomics with large keys, the entire keyboard is located in a protected area ( even if the machine drops )
- Cord length 5 m, extension cord and cable drums is not required
- Metal rings, perfect protection for the magnets against penetration by metallic objects ( chips, milling dust, etc )

### Capacity

|                          |                             |
|--------------------------|-----------------------------|
| Core drill Ø             | 12 - 80 mm                  |
| Core drill cutting depth | 50 mm with tool holder MT-3 |
| Twist drill Ø            | 1 - 16 mm                   |
| Tap                      | M 30                        |

### Specifications

|                            |                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------|
| Input power                | 1.800 Watt                                                                                         |
| Speed under load           | Gear 1 : 50 - 110 RPM<br>Gear 2 : 75 - 175 RPM<br>Gear 3 : 105 - 245 RPM<br>Gear 4 : 165 - 385 RPM |
| Stroke                     | 190 mm                                                                                             |
| Adjustable motor in height | 60 mm                                                                                              |
| Tool adaptor               | MT-3 or AL-3                                                                                       |
| Cooling                    | Internal via tool holder                                                                           |
| Voltage                    | 230 V - 50/60 Hz                                                                                   |
| Tool Force ( 10 mm )       | 4.200 N out of 20.000 N                                                                            |
| Magnet adhesion            | 20.000 N                                                                                           |
| Min. material thickness    | 10 mm                                                                                              |
| Magnet foot size           | 80 x 230 mm                                                                                        |
| Magnet foot type           | 30° adjustable, right and left<br>10 mm front and rear                                             |
| Dimension ( L x W x H )    | 358 x 210 x 702 mm                                                                                 |
| Weight                     | 22 Kg                                                                                              |

| Suitable Cutters             | Depth | Diameter   |
|------------------------------|-------|------------|
| TCT - Alfra & Kobecut        | 35 mm | 14 - 35 mm |
| TCT - Alfra & Kobecut        | 50 mm | 14 - 50 mm |
| HSS Cobalt - Alfra & Kobecut | 30 mm | 12 - 40 mm |
| HSS Cobalt - Alfra & Kobecut | 50 mm | 12 - 60 mm |

| Item Code         | Item Name                                                                                                                             | MoQ          |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>109.01.004</b> | <b>Rotabest 60 RL-E</b><br>• Transport case, Coolant unit, Drill chuck 16 mm - MT, Chip remover, Safety belt, Drill drifter, Bio 4000 | <b>1 Set</b> |

#### Optional Accessories

|              |                                                                        |      |
|--------------|------------------------------------------------------------------------|------|
| 209.14.004   | Tapping Collet - M6 - Round 6.0 - Square 4.9                           | 1 Pc |
| 209.14.005   | Tapping Collet - M8 - Round 8.0 - Square 6.2                           | 1 Pc |
| 209.14.006   | Tapping Collet - M10 - Round 1.0 - Square 8.0                          | 1 Pc |
| 209.14.007   | Tapping Collet - M12 - Round 9.0 - Square 7.0                          | 1 Pc |
| 209.14.008   | Tapping Collet - M14 - Round 11.0 - Square 9.0                         | 1 Pc |
| 209.14.009   | Tapping Collet - M16 - Round 12.0 - Square 9.0                         | 1 Pc |
| 209.14.010   | Tapping Collet - M18 - Round 16.0 - Square 12.0                        | 1 Pc |
| 209.14.011   | Tapping Collet - M20 - Round 16.0 - Square 12.0                        | 1 Pc |
| 209.14.012   | Tapping Collet - M22 - Round 18.0 - Square 14,5.0                      | 1 Pc |
| 209.14.003   | Quick Change Tapping Adaptor Size2 MT3                                 | 1 Pc |
| 209.12.003   | Quick Drill Chuck + Weldon Shank for Twist Drills Ø 1 - 13 mm          | 1 Pc |
| 225.06.011.1 | Quick Chuck - Universal Shank - Ø 1 - 13 mm                            | 1 Pc |
| 209.12.027   | Drill Chuck + Weldon Shank for Twist Drills Ø 1 - 13 mm                | 1 Pc |
| 209.12.001   | HSS Countersink and Deburrer with Weldon Shank Ø 25 mm                 | 1 Pc |
| 209.12.002   | HSS Countersink and Deburrer with Weldon Shank Ø 40 mm                 | 1 Pc |
| 209.12.004   | Reducing Sleeve MT3 to MT2                                             | 1 Pc |
| 209.12.005   | Tool Holder AMT2 with Internal Cooling                                 | 1 Pc |
| 225.06.001   | Tool Holder - MT2 - 19.05 x 50, with Internal Cooling                  | 1 Pc |
| 209.12.006   | Tool Holder AMT3 with Internal Cooling                                 | 1 Pc |
| 225.06.002   | Tool Holder - MT2 - 19.05 x 50, with Internal Cooling                  | 1 Pc |
| 209.12.020   | Too Holder AMT3 depth 110 mm with Internal Cooling                     | 1 Pc |
| 209.12.007   | Tool Holder AL-3                                                       | 1 Pc |
| 209.12.012   | Quick Drill Chuck + Morse Taper No.3 Shank for Twist Drill Ø 1 - 16 mm | 1 Pc |
| 209.12.028   | Drill Chuck + Morse Taper No.3 Shank for Twist Drill Ø 1 - 16 mm       | 1 Pc |
| 209.12.023   | Drill Chuck + Morse Taper No.2 Shank for Twist Drill Ø 1 - 16 mm       | 1 Pc |
| 209.14.001   | Tapping Attachment M3 - M12                                            | 1 Pc |
| 209.14.002   | Tapping Attachment M10 - M20                                           | 1 Pc |
| 209.12.010   | Bio 2000                                                               | 1 Pc |
| 308.02.001   | Coolant 2000 at 1 Liter                                                | 1 Pc |
| 308.02.002   | Coolant 2000 at 5 Liter                                                | 1 Pc |