

# RoboCut | Flexible trouble shooters

## Countersinking, drilling



ESR 38-520

RBS 38-520 AX25

RWBS 38-520

### Technical data

| RoboCut                         |                       | ESR 38-520                | RBS 38-520 AX25       | RWBS 38-520           |
|---------------------------------|-----------------------|---------------------------|-----------------------|-----------------------|
| Order-No.                       |                       | 29948-43-5                | 60001-33-5            | 60000-69-5            |
| Ideal use                       |                       | <b>drilling   reaming</b> | <b>countersinking</b> | <b>countersinking</b> |
| Compressed air                  |                       | lubricated                | lubricated            | lubricated            |
| Free speed                      | rpm                   | 520                       | 520                   | 520                   |
| Motor power                     | Watt                  | 380                       | 380                   | 380                   |
| Radial compliance               |                       | ± 4°                      | —                     | ± 4°                  |
| Axial compliance                | mm                    | —                         | 25                    | —                     |
| Exhaust air                     |                       | to the front              | to the front          | to the front          |
| ER collet included / connection | mm                    | 6                         | 6                     | 1/4" hex.             |
| Radial compliance of coupling   |                       | —                         | ± 7°                  | —                     |
| Radial off-set of coupling      | mm                    | —                         | ± 0,5                 | —                     |
| ER collets available            | mm                    | 3   5   8   10            | —                     | —                     |
| Compliance force range          |                       | 18–75 N                   | 25–1 000 N            | 10–70 N               |
| Compliance force max.*          |                       | 200 N                     | —                     | 200 N                 |
| Direction of rotation           |                       | clockwise                 | clockwise             | clockwise             |
| Noise level                     |                       | 80                        | 80                    | 77                    |
| Air consumption                 |                       | 8.3                       | 8.3                   | 8.3                   |
| Weight                          | kg                    | 4.90                      | 6.67                  | 5.50                  |
| Connection air supply (hose)    | ∅ mm, inside /outside | 10   12                   | 10   12               | 10   12               |
| Accessories supplied            |                       | wrench                    | wrench                | wrench                |

Power and free speed at 6 bar operating pressure. Compressed air quality: lubricated (2–3 drops per minute). Subject to technical alterations.

- ESR 38-520 for reaming and deburring of drill holes and intersections
- RBS 38-520 AX25 with axial and radial compliance
- Slim tool design: Ideal for difficult to access areas (e. g. pipes or complex casts with small space)
- Compliance forces are controlled by air pressure or via optional spring package

**Please see page 30 for recommended precision pressure regulators and manometers for the machines with axial compliance.**

**Further revolution speeds and power classes upon request.**