



Rototilt® RT20B

The RT20B is the Rototilt tiltrotator in the 3-6 metric ton segment. It provides a smooth, responsive and more economical operation. The smart design also allows pressure and return lines to be connected on either the right or left side to fit all makes of excavator.

- ✓ Fuel efficiency
Thanks to the improved design, your machine will work more efficiently with reduced fuel consumption and lower power losses.
- ✓ Material selection
Best performance and lightest weight with components of the highest quality.

⚙ Properties

RT20B - Maximize performance and economy

- More responsive operation thanks to an improved hydraulics solution with the new tilt function moved out along the cylinder.
- Low weight through carefully considered materials choices and smarter design.
- Distributor block for single-point lubrication shielded by protective cover.
- The ability to connect pressure and return lines on either the left or right side means the model fits all makes of excavator (specified when placing order).
- Technically improved hydraulic motor for extended service life.
- Minimized pressure drop means lower fuel consumption.
- Improved harnesses mean more reliable operations and minimized risk of cable breakage.
- Its ability to connect pressure and return lines on either the left or right side to fit all makes of excavator.
- Improved economical operation with valves optimized for rotation and extra functions.
- Ease of service through improved access.
- Extended service life and optimal operational conditions achieved through the newly designed swivel.

| Control system | |
|--------------------------|---|
| ICS | - |
| ICS with autocalibration | - |
| ICS with SecureLock™ | - |
| PropPlus/Prop | ✓ |
| P | ✓ |
| TLE | ✓ |
| TE | ✓ |

| Tilt cylinder | |
|---------------------------------------|---|
| Single-acting | - |
| Double-acting | ✓ |
| Double-acting with load-holding valve | - |

| Autocalibration | |
|------------------------|---|
| Autocalibration | - |

| Swivel | |
|------------------------|---|
| Electric swivel | - |
| HFS - high-flow swivel | - |

| ILS - central lubrication | |
|----------------------------------|---|
| ILS - central lubrication | ✓ |

| Wheel and track control | |
|--------------------------------|---|
| Wheel steering | - |
| Track steering | ✓ |

 Specifications

Technical data

| | | | |
|----------------------------|--------------------|----------------------------------|-------------------|
| Machine weight | 3000 - 6000 kg | Rotation speed (1 turn in) | 7 s at 30 l/min |
| Max standard bucket volume | 0.2 m ³ | Working pressure | 25 MPa |
| Max bucket width | 1200 mm | Max return pressure | 2 MPa at 40 l/min |
| Max breaking force | 45 kN | Recommended hydraulic flow max | 40 l/min |
| Max. breaking torques | 38 kNm | Nr of lubrication points | 5 |
| Weight (from) | 145 kg | Turn torque | 3900 Nm at 25 MPa |
| Tilt angle (2x) | 40° | Tilt torque telescopic cylinders | 14400 Nm |

Measurement
specification