

SMP TILTROTATOR ST18

Machines 14 - 18 tonnes

The SMP Tiltrotator improves flexibility and makes the machine more effective. It has a grease lubricated gear housing, constant rotation and 40° tilt in all directions. The tiltrotator can be mounted onto the existing quick coupler or directly onto the excavator arm. Easy maneuvering of the tilt rotator with joystick thumb rollers or rocker switch, allows the operator to easily and effectively perform advanced and precision work without having to move the machine. This also makes the work environment safer for both the operator and those working near the machine.

Available with double-acting cylinders or single-acting telescopic cylinders for tilting.

ST18 can be adapted for most machines in the size range and is available with most types of quick coupler systems and with a direct mounted upper/lower section.

NEW FEATURES OF THE SMP TILTROTATOR GENERATION 4

Maintenance and productivity

- Improved central lubrication which can also be connected to the machine's central lubrication system.
- Lubrication free bearings which reduce the amount of lubrication points by approximately 50%.

For the user

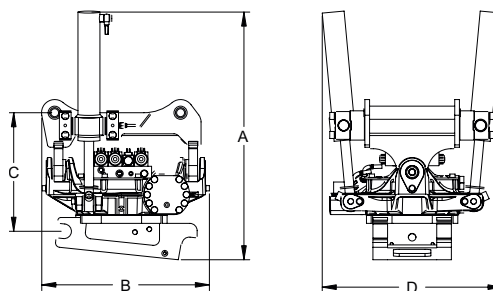
- We offer a new system based on the CAN Bus platform. This gives a whole new user interface.
- The system is easy and quick to install.
- The operating handle is ergonomically designed with different degrees of functionality.

Safety

- There are integrated load holding valves in the tilt cylinder.
- Attachment bracket with spring locks are used for double the safety in the event of a loss of pressure.

| Mounting | S60 |
|------------------------------|-----------------------|
| Approx weight (kg) | 490 |
| Dimensions A / B / C / D | 920 / 770 / 505 / 810 |
| Tilt angle | 2 x 40° |
| Rotation | Infinite 360° |
| Oil flow Min / Max | 40 / 80 L/min |
| Operating pressure Min / Max | 18 / 21 Mpa |
| Tilt torque at 21 Mpa | 37/46 kNm |
| Rotation speed | 7 sec / rotation |
| Torque | 6000 Nm |

Weights can vary depending on design of product



TECHNICAL SPECIFICATIONS SWINGOTILT ST18

Infinite rotation 360°

Tilting 2 x 40°

12/24V DC

Grease filled gear housing

Control system

MACST / Pro / P

Valve system

TS-TXXSC

Open Source Solution

Pro OS

SMP
SMP Parts AB

SMP Parts AB

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