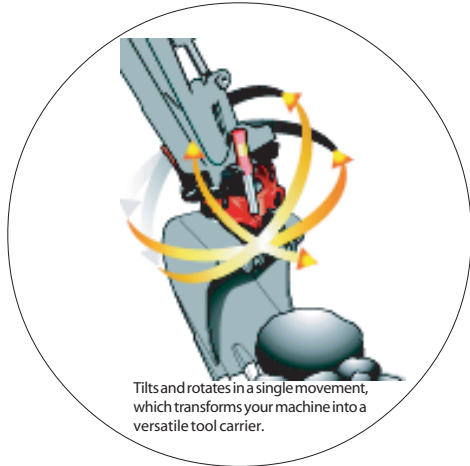




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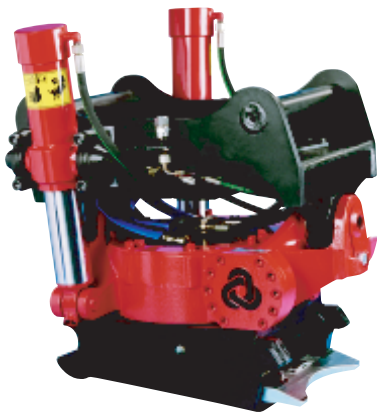
ROTOTILT RT 40



Rototilt is designed for excavators with a machine weight of 10-15 metric tonnes

Rototilt RT 40 is a well-designed and reliable power-pack that rationally and skilfully carries out your work.

RT 40 is designed to handle the immense strains that a Rototilt is exposed to on an excavator. Our extensive range of attachments and quick couplers make Rototilt ideal for most machine types available on the market.



- Powerful worm gear in oil bath
- Strong and robust slide bearings
- Low weight and low height
- Compact and service friendly
- High tilting force
- High torque
- Optimal control characteristics
- Hardened piston rods
- High flow swivel available as an option
- Hydraulic operated quick coupler for rapid tool exchange

ROTOTILT RT 40

Unity in modules

Attachment

There are two main mounts for the Rototilt on the machine's arm. Either against the existing quick coupler on the machine or directly mounted using our patented "Multi-attachment". Mounts are available for most machines and attachments available on the market.

Control system

The control system includes electronics and hydraulic components to steer rotating, tilting, extra hydraulic functions and the hydraulic quick coupler. There are alternative control systems to satisfy different installations, operating characteristics and operating conditions.

Tilt cylinder, available in two designs.

- Single acting cylinder with compact casing, perfect for working in confined spaces.
- Double-acting (HD) cylinder that gives high tilting torque and is ideal when wide buckets are used or great precision is required.

Rotor

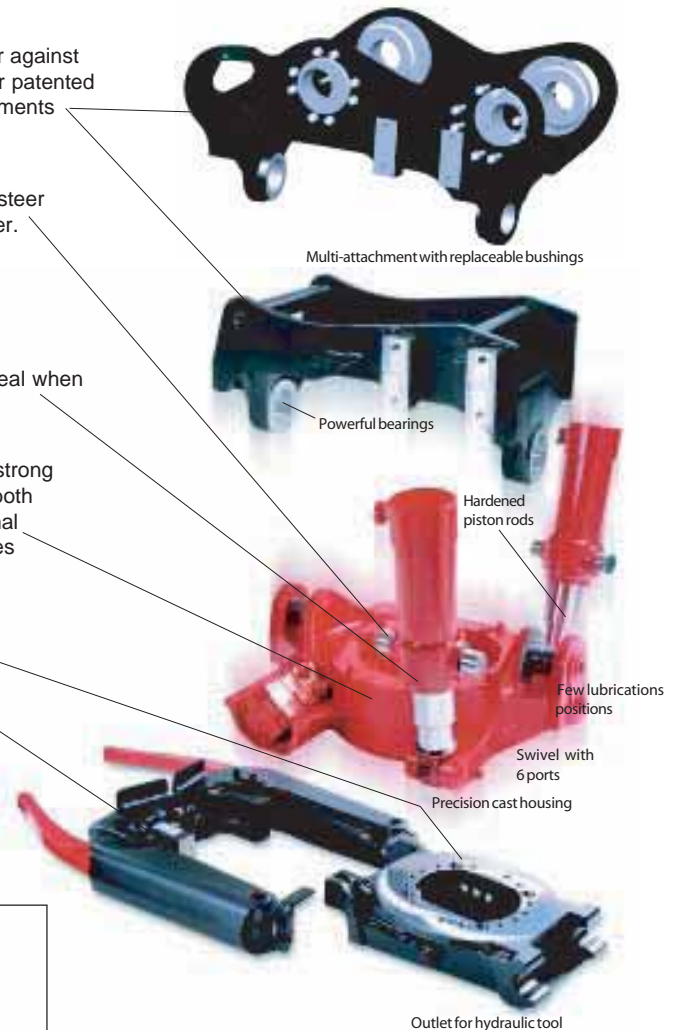
The rotor consists of a very powerful worm gear that is carried by a strong and robust sliding bearing. The worm gear offers unlimited rotation in both directions, is self-locking and acts as a brake during excavation. Optimal lubrication is obtained by using a gear that works in oil, which minimises wear and guarantees a long life.

Quick coupler

Low height, powerful and secure tool attachment with hydraulic locking function.

Accessories

Compact and robust grapple module for increased flexibility. Does not affect the height of the Rototilt.



Technical data

Min / Max machine weight, kg (lb)	10 000 - 15 000 (22 045 - 33 070)
Maximum standard shovel volume, m ³	0,7
Maximum levering torque, kN (lbf)	105 (23 605)
Weight, kg (lb) ¹⁾	290 - 350
Tilting angle	2 x 40°
Tilting torque at 25 MPa, Nm (lb-ft)	26 500 (19 545)
HD (double-acting cylinders) Nm (lb-ft)	29 900 (22 055)
Rotation	unlimited
Rate of rotation (50 l/min)	1 turn / 7 sec
Torque at 25 MPa, Nm (lb-ft)	6 400 (4 720)
Min / Max pressure MPa (psi)	20 / 30 (2 900 / 4 350)
Working pressure MPa (psi)	25 (3 625)
Max. return pressure (50 l/min), MPa (psi)	4 (580)
Min / Max flow, l/min (GPM)	40 / 80 (10,6 / 21,1)
Quantity lubrications positions	8

¹⁾ = The weight depends of the type of fastening, mount and control system.

A combination of various stated limits of the machine like total weight, bucket volume, bucket digging force etc. all together creates the conditions of what size of RT should be chosen. If a machine exceeds any of the stated limits, please consult your supplier in order to investigate the specific case. The type of job/use could sometimes be of decisive importance.