

/ AREAS OF APPLICATION

The DMS rotator bucket combines full freedom of movement with a compact design. The complete rotatability of the bucket simplifies the filling of kerbs, backfilling of dry stone walls, backfilling of trenches, etc. It also makes grading, excavating and modeling much easier. Thus enabling a large number of surfaces and profiles to be made without having to constantly reposition the excavator, and offers the advantage of simple and correct height control as long as the excavator is positioned correctly. The robust design with its worm gearbox is low-maintenance and guarantees a long service life, while the optimized dead weight and low installation height enable efficient operations. An attachment for maximum precision and flexibility, an indispensable helper.

Ideal for

- / Leveling
- / Modeling
- / Backfilling
- / Sanding

Can be used on excavators with

- / swivel motor (tilt) or quick coupler
- / a double-acting control circuit
- / Without leakage oil line

Full freedom of movement

- / without repositioning the excavator
- / Simple and correct height control by swiveling the upper carriage

Scope of delivery

- / All commercially available quick-change mounts
- / Adapter flange for customised solution
- / Hose set
- / various coupling sets

Available components

- / Bucket with integrated gearbox

ROTATOR BUCKET 1-10T with integrated gearbox

DMS
DMS Technologie GmbH



Your DMS distributor:

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DMS Technologie GmbH

Imprint:
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While stocks last.
Errors, changes and
printing errors excepted.



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YOUR ADVANTAGES

Integrated gearbox

360 degree rotation in both directions

Ideal power transmission

due to low installation height

High payload

due to low dead weight

Robust construction

for long service life and maximum ripping forces

Levelling bucket shape

Ideal for universal use

Simple hydraulics

can be used on almost any excavator

① Heavy duty worm gearbox

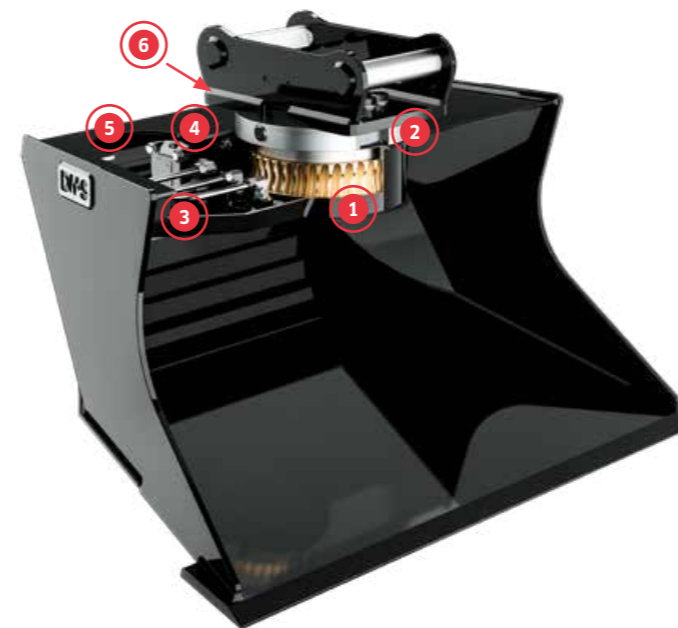
② Encapsulated gearbox housing for

③ Integrated oil ducts

④ High motor capacity compatible

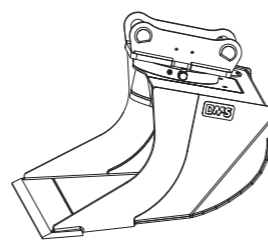
⑤ Large inspection opening

⑥ Accessible lubrication points



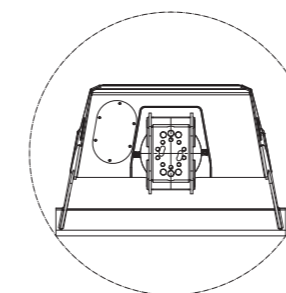
The DMS rotator bucket is an innovative excavator bucket equipped with an integrated rotary drive. The drive unit is installed directly in the upper bucket body, effectively protecting it from damage. The bucket enables unrestricted mobility, especially for excavators with a tilt function. This makes it an indispensable attachment and a first-choice helper on the construction site. Even with its integrated rotation system, the DMS rotator bucket is only slightly higher than a conventional levelling bucket. The well thought-out design also ensures that the excavator has a slim handle tip. This makes it easier to dig deep trenches, reduces unnecessary tare weight during handling work and minimizes the risk of breakdowns caused by sensitive technology in the work area.

With its combination of robustness, maneuverability and compact design, the DMS rotator bucket sets new standards in efficiency and reliability.



Low body height

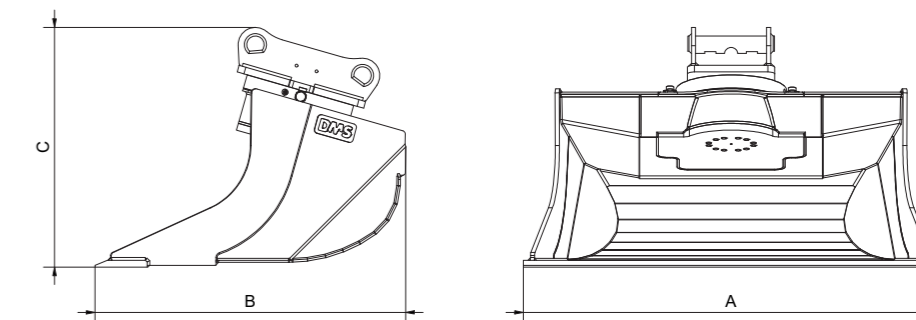
The low body height ensures ideal power transmission and optimum handling. Despite its compact design, it offers a surprisingly large volume capacity and combines its well thought-out design with expert functionality.



Optimum bucket shape

The tapered housing results in a deliberately narrow bucket back without protruding corners. In addition, the advanced cutting edge enables a variable bucket volume and increases versatility in operations.

TECHNICAL DATA



EXCAVATOR SIZE-CLASS	[T]	1-2,5	2,5-4	4-7	7-10
Model		RL2590	RL40100	RL70120	RL100140
Cutting width	[mm]	900	1000	1200	1400
Weight	[kg]	101	115	217	305
Volume	[l]	100	155	220	400
max. Output speed	[rpm]	9-10	11-12	9-10	10-11
max. Torque	[Nm]	1337	1337	6960	8460
Rec. litre capacity rotation	[l/min]	12-16	16-20	35-45	50-60
Operating pressure rotation max.	[bar]	210	210	210	210
Dimension A	[mm]	900	1000	1200	1400
Dimension B	[mm]	670	755	902	1043
Dimension C	[mm]	533	599	692	814