

/ AREAS OF APPLICATION

Levelling is a common task on construction sites. Conventional practical solutions are labour-intensive, costly and offer low accuracy. Technically complex and expensive systems such as 2D/3D control systems require trained specialist personnel and are display-based, passive systems. The new DMS excavator blade control is the ultimate helper when levelling. In combination with a commercially available rotation laser, the system enables the excavator blade to be automatically controlled to the target height. The desired levelling is created by driving over the surface.

Preparation of

- / Lawns
- / Car parks
- / Substructure concrete slabs
- / Storage areas
- / Roads and paths

Levelling of

- / Soil
- / Mineral aggregate
- / Recycling
- / Gravel

SCOPE OF DELIVERY

- / Laser receiver in a case
- / Side plates for excavator blade
- / Excavator installation kit (cable harness, valves, bracket)
- / Pole with spring-loaded kink point

AVAILABLE COMPONENTS

- / Laser receiver in a case
- / Excavator installation kit (cable harness, valves, bracket)
- / Side plates for excavator blade

EXCAVATOR BLADE CONTROL for tracked excavators

DMS
DMS Technologie GmbH



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printing errors excepted.

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Excavator Blade
Control in Action



Functionality and
Application



dms-tec.de/en



/ YOUR ADVANTAGES

HIGH AREA OUTPUT
due to large working width

SIMPLE INSTALLATION AND OPERATION
even for inexperienced users

HIGHER ECONOMIC EFFICIENCY
through high productivity and low
acquisition costs

PRECISE END RESULT
through automatic control

SAVE MATERIAL
through exact levelling

LOW COMPRESSION
through caterpillar drive

EASY MATERIAL MOVEMENT AND GOOD PROCESSING
by excavator bucket and side plates on the excavator
blade



/ TECHNICAL FEATURES

Laser receiver:

- / Large reception area of 250mm
- / Clearly visible height display for monitoring
- / Robust impact protection
- / Rechargeable battery with 40h operating time
- / Integrated wireless interface

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Side plates:

- / High capacity for material movement
- / Simple assembly and disassembly
- / Robust construction
- / Works in forward and reverse drive

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Pole:

- / Spring-loaded kink point protects the laser receiver in
the event of collisions
- / Simple set-up due to integrated scale
- / Simple assembly and disassembly

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Installation kit:

- / Installation in manufacturer quality
- / Enables several machines to be pre-equipped for alter-
nating use of a laser receiver
- / Professional documentation ensures long-term opera-
tional reliability

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