

Product information

FMR 800-M/C Set

ART.-NO.: 200000



Machine Control Receiver

Machine control receiver used with construction machinery to increase accuracy and boost productivity. For continuous tilt and height control.

- Bulldozer: Blade tilt and height control
- Excavator: Bucket tilt and height control
- RF Communication link to the remote display

Features

- Length of receiving window 27 cm
- Will detect the beam from any brand of rotating laser (red)
- Dust / water protected metal housing
- Wireless remote display with suction pad and integrated magnets

Machine connection:

- Magnetic connection directly to the machine
- Clamp connection to the machine mast

Product information

- Mast diameter 40-50 mm

Supplied with

Technical data

Beam Reception angle	360°
Detectable rotating laser speeds n	300 - 1200
Working range class 2-Laser	250 m
Working range class 3R-Laser	350 m
Battery recharging time	4 - 5 h
Automatic Power-off, after	60 min.
Dust / water protection	IP 66
Operating temperature	-10 °C - +50 °C
Dimensions	370 x 132 x 92 mm
Weight (receiver only)	3.95 kg

BULLDOZER MODE

Blade tilt

(Receiver movement left / right tilted)

Accuracy fine / standard / coarse

$\pm 0.5^\circ / \pm 1.5^\circ / \pm 2.5^\circ$

Indication LED (left / right sideways) 5

Height indication

(Receiver movement up / down)

Accuracy fine / standard / coarse

Productinformation

± 2 / ± 5 / ± 15 mm

Indication LED (up / down) 3

EXCAVATOR MODE

Bucket tilt

(Receiver movement in longitudinal direction forward / backward tilted)

Accuracy fine / standard / coarse

± 0.5° / ± 1.5° / ± 2.5°

Indication LED, grouped 3

3 signals: rapid/slow flashing, permanent light

Height indication

(Receiver movement up / down)

Accuracy fine / standard / coarse

± 2 / ± 5 / ± 15 mm

Indication LED, (up / down) grouped 4

Extended upper LED for bucket dipping motion