RENT4WORK

Technical datasheet
Document generated on November 23, 2026

YALE

Yale ERC22VG MWB

Electric counterbalance · 2,2 t

Machine

Manufacturer	**Yale**
Model	**ERC22VG MWB**
Type	**Electric counterbalance**
Rated capacity	**2,2 t**
Lift height	**3,45 m**
Operating weight	**4650 kg**

Basic dimensions

Load centre distance	**500 mm**
Lift height h3	**3452 mm**
Height, mast lowered h1	**2235 mm**
Free lift h2	**100 mm**
Height, mast extended h4	**4049 mm**
Height of overhead guard h6	**2248 mm**
Seat height h7	**1217 mm**
Length to face of forks l2	**2040 mm**
Wheelbase y	**1377 mm**
Ground clearance m1	**85 mm**
Turning radius Wa	**1884 mm**
Working aisle width Ast (800×1200 pallets)	**3475 mm**
Working aisle width Ast (1000×1200 pallets)	**3475 mm**
Load distance x	**390 mm**

Performance and mast

FEM fork carriage class	**FEM 2A**
Drive motor power	**23,6 kW**

Travel speed, laden	**19,8 km/h**
Travel speed, unladen	**19,7 km/h**
Gradeability, laden	**20 %**
Gradeability, unladen	**32 %**

Battery and power supply

Battery voltage	**80 V**
Battery capacity	**450 Ah**

Axle loads

Front axle load, laden	**5601 kg**
Front axle load, unladen	**2009 kg**
Rear axle load, laden	**1234 kg**
Rear axle load, unladen	**2632 kg**

Data obtained from the manufacturers' datasheets.