RENT4WORK

Technical datasheet
Document generated on November 23, 2026

YALE

Yale ERC50VHS

Electric counterbalance · 5 t

Machine

Manufacturer	**Yale**
Model	**ERC50VHS**
Type	**Electric counterbalance**
Rated capacity	**5 t**
Lift height	**3,34 m**
Operating weight	**8121 kg**

Basic dimensions

Lift height h3	**3340 mm**
Height, mast lowered h1	**2138 mm**
Height, mast extended h4	**4257 mm**
Height of overhead guard h6	**2388 mm**
Seat height h7	**1324 mm**
Length to face of forks l2	**2548 mm**
Ground clearance m1	**87 mm**
Turning radius Wa	**2240 mm**
Working aisle width Ast (800×1200 pallets)	**4092 mm**
Working aisle width Ast (1000×1200 pallets)	**3892 mm**
Load distance x	**452 mm**

Performance and mast

FEM fork carriage class	**FEM 4A**
Drive motor power	**21 kW**
Travel speed, laden	**17,7 km/h**
Travel speed, unladen	**18,3 km/h**
Gradeability, laden	**5,8 %**

Gradeability, unladen	**9,2 %**

Axle loads

Front axle load, laden	**11125 kg**
Front axle load, unladen	**3101 kg**
Rear axle load, laden	**1996 kg**
Rear axle load, unladen	**5020 kg**

Data obtained from the manufacturers' datasheets.