RENT4WORK

Technical datasheet
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STILL

STILL R 50-16 (1987-2003)

Electric counterbalance · Electric · 1,6 t

INDICATIVE NEW PRICE
€22,500

IEQ INDEX
0.45

Indicative new price: Indicative estimate of this model's price when new, reconstructed from market data: it is not the manufacturer's official list price.

What the IEQ index is: The IEQ (Height Efficiency Index) shows how much of its rated capacity the machine keeps when working at high lift heights. The closer the value is to 1, the less the capacity drops as the mast extends. With a low index, at height you will be able to handle loads noticeably lighter than the rated capacity suggests.

Machine

Manufacturer	**STILL**
Model	**R 50-16 (1987-2003)**
Type	**Electric counterbalance**
Rated capacity	**1,6 t**
Lift height	**3,23 m**
Power source	**Electric**
Operating weight	**2833 kg**
Commercial status	**Used, discontinued**

Basic dimensions

Load centre distance	**500 mm**
Lift height h3	**3230 mm**
Height, mast lowered h1	**2160 mm**
Free lift h2	**150 mm**
Height, mast extended h4	**3805 mm**
Height of overhead guard h6	**2050 mm**
Seat height h7	**953 mm**
Overall width b1	**990 mm**
Track width, front b10	**840 mm**

Length to face of forks l2	**1775 mm**
Wheelbase y	**1190 mm**
Ground clearance m1	**90 mm**
Turning radius Wa	**1445 mm**
Working aisle width Ast (800×1200 pallets)	**3226 mm**
Working aisle width Ast (1000×1200 pallets)	**3104 mm**
Load distance x	**345 mm**

Performance and mast

Residual capacity at maximum lift height	**500 kg**
Mast type	**Standard**
FEM fork carriage class	**FEM 2**
Tyre type	**Solid resilient**
Drive motor power	**4,9 kW**
Travel speed, laden	**12 km/h**
Travel speed, unladen	**12,5 km/h**
Gradeability, laden	**4 %**
Gradeability, unladen	**7,5 %**

Residual capacities and load chart

Max capacity at 3,000 mm (500 mm load centre)	**1600 kg**
Max capacity at 3,000 mm (600 mm load centre)	**1330 kg**
Max capacity at 4,000 mm (500 mm load centre)	**1250 kg**
Max capacity at 4,000 mm (600 mm load centre)	**1020 kg**
Max capacity at 5,000 mm (500 mm load centre)	**900 kg**
Max capacity at 5,000 mm (600 mm load centre)	**720 kg**
Max capacity at 6,000 mm (500 mm load centre)	**500 kg**
Max capacity at 6,000 mm (600 mm load centre)	**400 kg**

Battery and power supply

Battery technology	**Lead-acid**
Battery voltage	**24 V**
Battery capacity	**920 Ah**

Battery charger power	**2,8 kW**
Energy per charging cycle	**26,5 kWh**

Axle loads

Front axle load, laden	**3866 kg**
Front axle load, unladen	**1143 kg**
Rear axle load, laden	**567 kg**
Rear axle load, unladen	**1690 kg**

Data obtained from the manufacturers' datasheets.