RENT4WORK

Technical datasheet
Document generated on November 24, 2026

CATERPILLAR

Caterpillar EP 50N (SERIE CAT EP-XL) (2021+)

4,99 t

Machine

Manufacturer	**Caterpillar**
Model	**EP 50N (SERIE CAT EP-XL) (2021+)**
Rated capacity	**4,99 t**
Lift height	**3,30 m**
Operating weight	**8347 kg**

Basic dimensions

Load centre distance	**500 mm**
Lift height h3	**3300 mm**
Height, mast lowered h1	**2420 mm**
Free lift h2	**150 mm**
Height, mast extended h4	**4205 mm**
Height of overhead guard h6	**2340 mm**
Seat height h7	**1320 mm**
Overall width b1	**1450 mm**
Track width, front b10	**1154 mm**
Length to face of forks l2	**2970 mm**
Wheelbase y	**2090 mm**
Ground clearance m1	**150 mm**
Turning radius Wa	**2434 mm**
Working aisle width Ast (800×1200 pallets)	**4086 mm**
Working aisle width Ast (1000×1200 pallets)	**4273 mm**
Load distance x	**540 mm**

Performance and mast

Travel speed, laden	**18 km/h**

Travel speed, unladen	**20 km/h**
Gradeability, laden	**14 %**
Gradeability, unladen	**22 %**

Battery and power supply

Battery voltage	**80 V**
Battery capacity	**930 Ah**

Axle loads

Front axle load, laden	**563 kg**
Front axle load, unladen	**75 kg**
Rear axle load, laden	**1784 kg**
Rear axle load, unladen	**4272 kg**

Data obtained from the manufacturers' datasheets.