RENT4WORK

Technical datasheet
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KALMAR

Kalmar DCF420-12 CS

Diesel counterbalance · 42 t

Machine

Manufacturer	**Kalmar**
Model	**DCF420-12 CS**
Type	**Diesel counterbalance**
Rated capacity	**42 t**
Lift height	**5,00 m**
Operating weight	**51.900 kg**

Basic dimensions

Load centre distance	**1200 mm**
Lift height h3	**5000 mm**
Height, mast lowered h1	**5050 mm**
Height, mast extended h4	**7550 mm**
Overall width b1	**4150 mm**
Track width, front b10	**3030 mm**
Length to face of forks l2	**1295 mm**
Wheelbase y	**5500 mm**
Ground clearance m1	**300 mm**
Turning radius Wa	**7400 mm**
Working aisle width Ast (800×1200 pallets)	**11295 mm**
Load distance x	**48 mm**

Performance and mast

Mast type	**Duplex**
Travel speed, laden	**14,3 km/h**
Travel speed, unladen	**16,2 km/h**
Gradeability, laden	**35 %**

Axle loads

Front axle load, laden	**194900 kg**
Front axle load, unladen	**60400 kg**
Rear axle load, laden	**12100 kg**
Rear axle load, unladen	**54000 kg**

Data obtained from the manufacturers' datasheets.