

**Equipment: Kirow MPW 170NU (723-6L-001)**  
**LOCATION: Belgium**



- Make : Kirow  
 - Model : MPW 170 NU  
 - Year : 2001

## Specifications

### Weight / load

Dead weight	Approx.	39.000 kg
Payload	Approx.	170.000 kg
Total weight	Max.	209.000 kg
Wheel bogie load	Loaded, max.	175 kN

### Main dimensions

Length		16.665 mm
Width		3.150 mm
Height	Min.	1.450 mm
	Max.	2.250 mm
Platform dimensions		15.450 mm x 3.150 mm
Turning circle	Inner	3.200 mm
	Outer	9.950 mm

### Drive / engine

Manufacturer		Caterpillar
Model		CAT 3126 B
Power		205 kW
Nominal engine speed		2.100 rpm
Cylinders / displacement		Straight-six / 7,2 l
Cooling		Water

### Chassis / wheels

Number of rotating bogies	8
Number of fixed bogies	4
Number of drive bogies	5
Number of brake bogies	7
Angle of pendulous axles at driving level	Approx. 7°
Number of wheels per bogie	4
Type of tires	8.25 R15 IC 70
Tire pressure	10,0 bar
Load compensation on axles in longitudinal direction	Hydraulic
Suspension	3 or 4 points

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**Brakes**

Service brakes	Brake drums operated by compressed air
Parking brakes	Brake drums spring actuated To release brakes, pneumatic force is applied

**Steering**

Front mechanical steering	Axle lines 1, 2
Rear mechanical steering	Axle lines 5, 6
Hydraulically coupled	Axle lines 5, 6
Steering monitoring axle line 1, 2, 5, 6	Hydraulically controlled
Steering angle axle line 1	Max. 50° on the inside of the curve

**Performance**

Max. towing capacity at 350 bar	16.900 daN
Ascent ability at 350 bar with maximum load (Rolling resistance coefficient of 20 kg/Tm)	5,9 %
Max. travel speed on smooth road without load (Rolling resistance coefficient of 20 kg/Tm)	25 km/h
Max. travel speed on smooth road with max. payload (Rolling resistance coefficient of 20 kg/Tm)	10 km/h
Platform elevation	600 mm
Platform elevation speed	Approx. 20 mm/s

