

Equipment: Kirow MPW 170NU (723-6L-002)
LOCATION: Belgium



Subject to prior sale

- MAKE	:	Kirow
- TYPE	:	MPW 170 NU
- YEAR	:	2005
- TECHNICAL DETAIL	:	See datasheet below



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Type
Equipment
Operating Manual

Self Propelled Transporter
Kirow MPW 170 NU
OM0001

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OPERATING MANUAL

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3 TECHNICAL DATA

Identification data

Manufacturer		Kirow
Model		MPW 170 NU
Fleet nr.		723_6L_002
Construction year		2005
Drive		Diesel-hydraulic
Operation		Low platform cabin + remote control
Load capacity	Max.	170.000 kg
Number of axle lines		6

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

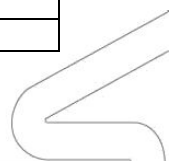
Length		16.665 mm
Width		3.150 mm
Height	Min.	1.450 mm
	Max.	2.250 mm
Platform dimensions		15.450 mm x 3.150 mm
Turning circle	Inner	3.200 mm
	Outer	9.950 mm

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





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4 OVERVIEW - DIMENSIONS

