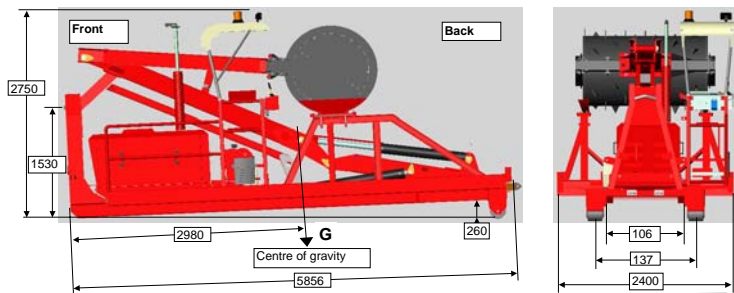


PATENT N° WO 03/101716

PACKMAT PK301 is operational only on a carrier (4x2 or 6x4) equipped with an arm for mobile box



Weight and dimensions

	unit	
Total weight laden	kg	6220
Maximum length	mm	5856
External width cradle	kg	1060
Overall width	kg	2400
Machine weight	kg	6220

Height of the PK301 without lorry nor roller

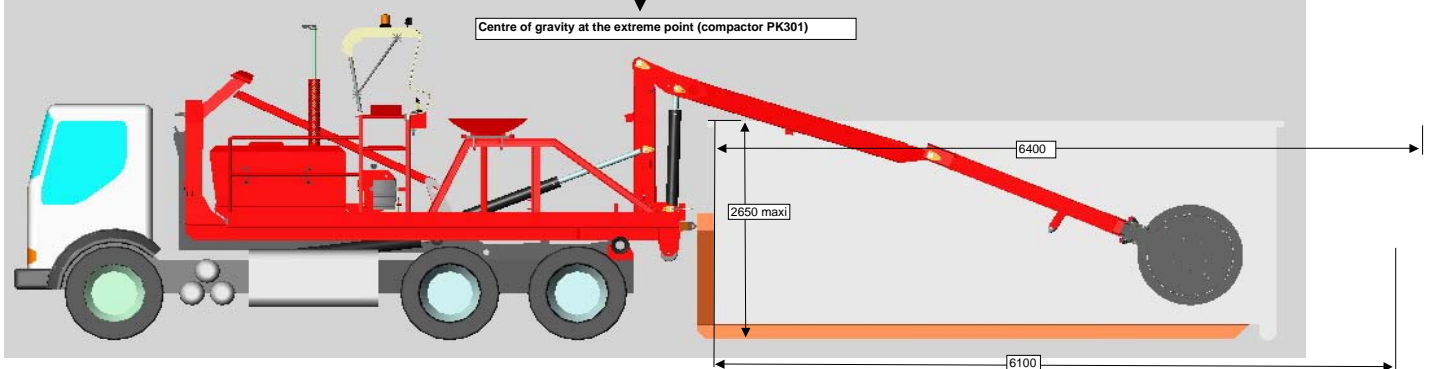
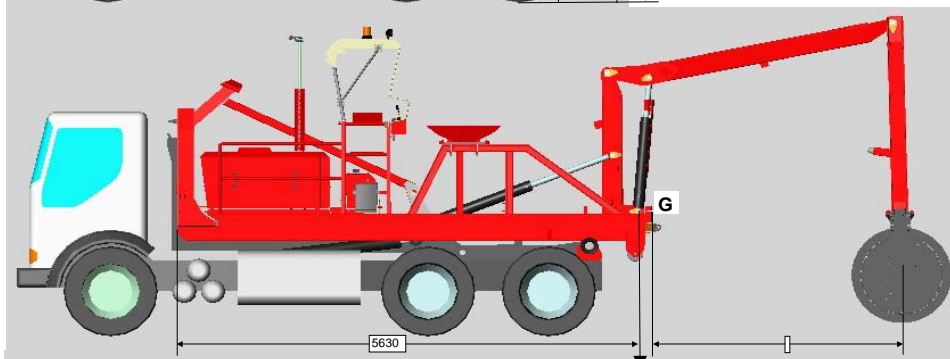
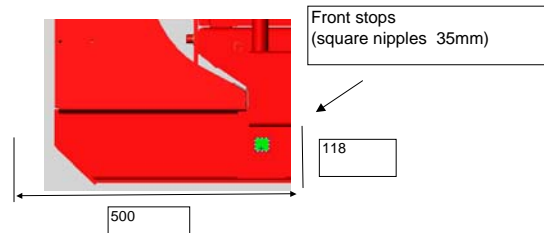
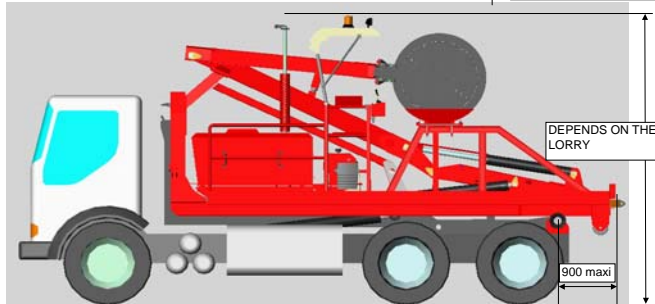
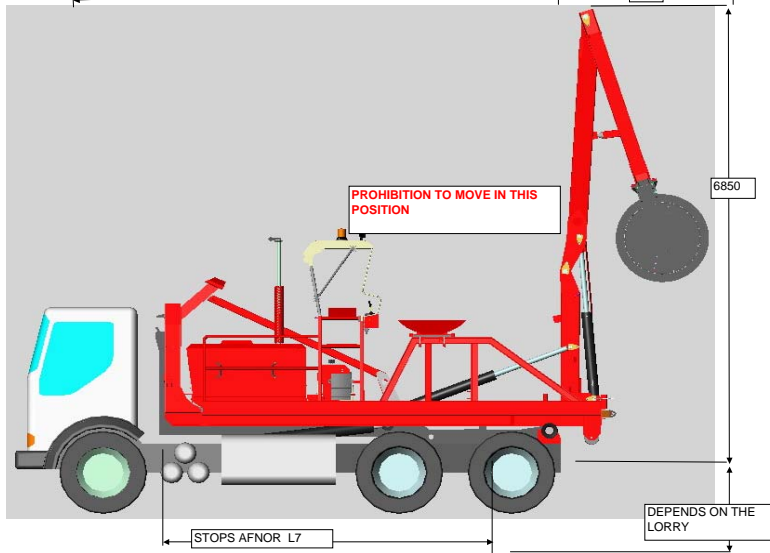
Height of arm folded up without lorry	mm	2750
Height vertical arm without lorry	mm	6850
Height under roller without lorry	mm	2000
Minimum space between the ground and the back of the vehicle	mm	260
Minimum space between the ground and the front of the vehicle	mm	0
Diameter of the bearings rollers	mm	200
Width of bearing rollers	mm	200
Way of bearing rollers	mm	1370
Cabin surface	mm	600 x 460
Axle height of machine hold	mm	1530
Axle diameter of machine hold	mm	50

Centre of gravity

Arm folded up side since front face	mm	2980
Arm unfolded side since front face	mm	5630
Sides stops AFNOR L7	mm	3800
Sides front stops since front face	mm	500
Sides front stops since low side frame	mm	118
Maximum back distance on the carrier between axle of the truck and the back of the machine	mm	900
Minimum back distance on the carrier between axle of the truck and the back of the machine	mm	400
Cantilever back machine	mm	400
Maximum angle of inclination unfolded arm	deg	3
Maximum speed roller in load	tr/mn	10

Tolerance of positioning compared to the container

Longitudinal centering	mm	+ou-50
Parallelism	deg	+ou-2



Foot Note : the manufacturer reserve the right to modify the characteristics without previous note.
Tha adaptations could be carried out only from our plans.
Non-contractual document.

PACKMAT PK301 COMPACTOR FOR WASTES (CONTAINER 35M3 10 TONS)**ENGINE DEUTZ F4L2011**

Maximum capacity 42kW (57 cc) with 2300 rpm
 Maximum torque: 190 Nm at 1700 rpm
 Diesel straight-4 engine 4 stroke
 Individual injection pumps
 Bore 94 mm - movement 112 mm
 Capacity 3.11L
 Silencer exhaust on block
 Cooling Air/Oil
 Level of depollution 97/68/CE Step II
 Permanent ventilation
 Oil capacity (filtration included) 10L
 Oil filter disposable cartridge
 Fuel filter disposable cartridge
 Indicative consumption 7.5 l/h
 Fuel : according to DIN 51 601 standard with additive for cold of winter

DRIVING EQUIPMENT

Pumps of servo-control

TRANSMISSION OF THE ROLLER

Hydrostatic with reverser

BEARING WHEEL

Steel rollers with composite rings

BRAKING

Brake for the roller: hydrostatic

DRIVER'S CAB**Outside:**

Longitudinal driving standing
 Access to the driver's cab by 5 steps and a duckboards platform
 A removable roof supporting :
 1 working light
 1 girophare
 1 documentation of maintenance and service

DASHBOARD

Electronic display with :
 Indicators of function and alarm
 Horameter
 Ignition key
 1 emergency stop switch
 1 switch of folding mode or roller
 1 switch for lighting
 1 pushbutton for the horn
 1 control proportional forward and reverse gear for the roller and folding unfolding of the compactor
 1 hydraulic control for the lifting of the roller extinguisher

ELECTRIC COMPONENTS

Battery capacity 95 Ah 12 volts
 1 disconnecting switch of battery 125A
 Alternator 60A
 Starter 3kW
 1 horn
 1 back working light
 1 calculator for the management of the pump
 1 control of servo-control of the calculator

COMBUSTIBLE TANK

Plastic tank capacity 50 liters of fuel with Minimum electric level and stopper

TANK OF HYDRAULIC OIL

Steel tank capacity 70 liters of hydraulic oil reference:HV46, with visual level, connection of filling and breather

HYDRAULIC EQUIPMENT

Closed circuit : Piston pump 45cc / 345 bars with filtration pressure (gavage)
 Selection gate of circuit 80l/mn 345 bars
 2 hydrolic engines 1260cc / 345 bars

2 jacks of unfolding 70x110 movement 1000 with 1 valve of double balancing

Open circuit: gear pump 11.5cc/210 bars

with filtration pressure for the additional functions
 1 hydraulic jack roller 70x110 movement 1000 with throttle valve for absorption
 Manual and electric block of distribution 45l/mn 210bars
 1 hydraulic jack roller 70x110 movement 1000 with throttle valve for absorption

EQUIPMENT OF THE COMPACTOR**Frame :**

1 frame for container which maximum height is 2650 mm following NF R17-106 standard with structure for back hook
 1 intermediate optimized arm for container of 6400 mm
 1 Optimized arm of roller for container of 6400 mm

Roller :

Weight : 2000 kg
 Overall width : 1700mm
 Overall diameter 1225mm
 Roller equipped with steel teeth of high strength and a cleaning device of the roller

OPTIONS

Back protective grille
 Pack centralized greasing with EP2 grease

BODY

2 access doors to the power plant
 Removable front face for maintenance

Operating conditions

PACKMAT PK301 works under normal conditions for ambient temperatures between -5 and +50° Celsius

Emission of noise

Average of measurement taken at one meter of the machine : 85dba

Remarks

PK301 can be used by vehicle 6x4 or 4x2 equipped with hydraulic arm for mobile box

It is however necessary to check that this one is compatible when the arm is unfolded (moment of the largest inversion).