

PACAM

Working in a
professional way.



PACAM Wheel loaders



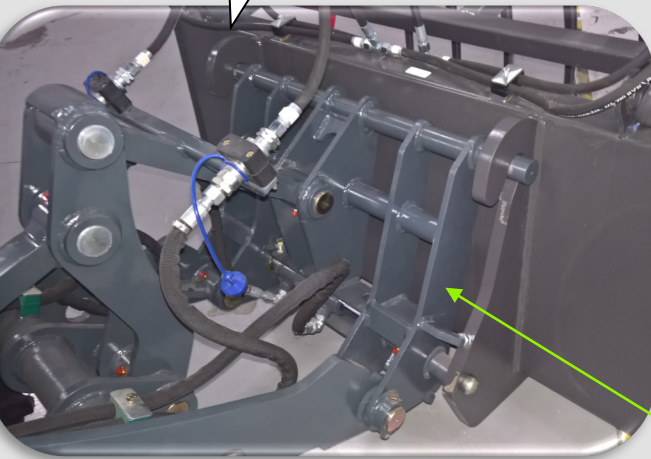
PACAM Wheel loaders

Robust kinematics

With the amply dimensioned cylinders the loader features a dump function with an enormous breaking load. The entire kinematics system has been designed in such a way to facilitate the quick loading and unloading of your cargo. As a result, your working cycles will be shorter, and you will be able to complete your tasks more effectively.

Hydraulic locking system

With their standard hydraulic locking system our loaders are extremely flexible when it comes to carrying out a great variety of different tasks. That will make your work easier and more comfortable. The accessories that can be changed without getting off turns your loader into a genuine multi-purpose machine.



Good stability

Because of their lower center of gravity our loaders are secure and always have a good standing even under difficult conditions. This means that even when working on inclined or uneven territory you will always be firmly in touch with the ground and able to operate reliably.



Perfect articulated steering

Thanks to the heavy-duty bearings the articulated steering system ensures that the wheels of the loader will be firmly in touch with the ground and extremely flexible in any kind of territory. As the front and the rear end of the vehicle are swinging independently, they provide an optimal traction and can thus better respond to uneven territory.

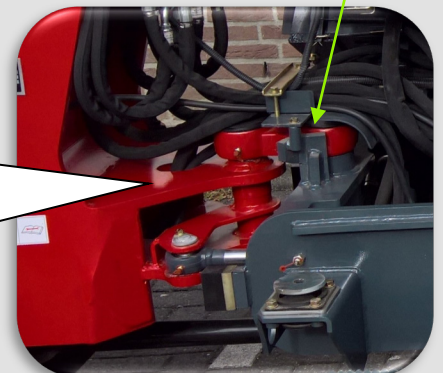
Security has priority

Needless to say, that all loaders comply with the EU-safety regulations. We even take it a step further: Our loaders have properties that go far beyond these requirements. With our security concept we have created a wide-range solution to ensure your work under secure and reliable conditions.

PACAM 350 WHEEL LOADER

Dr. Huis van Doorn weg 40A - 5753PM - DEURNE - The Netherlands - WWW.PACAM.NL

TIPPING LOAD BUCKET	1690 Kg	ENGINE POWER	35,7 Kw
OPERATING WEIGHT	2890 Kg	MAXIMUM SPEED	20 Km/h
SERIAL NO.			
PRODUCTION YEAR	2019	CE	



PACAM Wheel loaders

Adjustable steering column

The adjustable steering column is surveyable and provides all the important data of the machinery to the operator. Pilot lamps and indication instruments supply more safety and view.



Roll bar/Overhead guard

The Roll bar/Overhead guard is a standard feature of PACAM machines. Being ROPS/FOPS-certified, the machine meets the requirements of international safety norms.



Comfortable workplace

At PACAM operator convenience begins long before you even start your loader. Via the low climb you can safely and comfortably access your workplace from both sides. The driver's cab meets all requirements of an ergonomically designed workplace.



Operators seat

PACAM ensures quick and easy access to the engine, the hydraulic and the electrical system. You can perform standard maintenance and control works on the spot yourself so that your machine will be immediately fit for operation again. This saves costs and increases the life cycle of your machine.



Easy and comfortable

PACAM has developed a sophisticated steering mechanism for you. With the ergonomically designed multi-function control stalk you can control the driving directions and the complete kinematics with one hand only. In this way you will not only be able to work precisely but also fatigue-free.



Technical details *PACAM* Wheel loaders

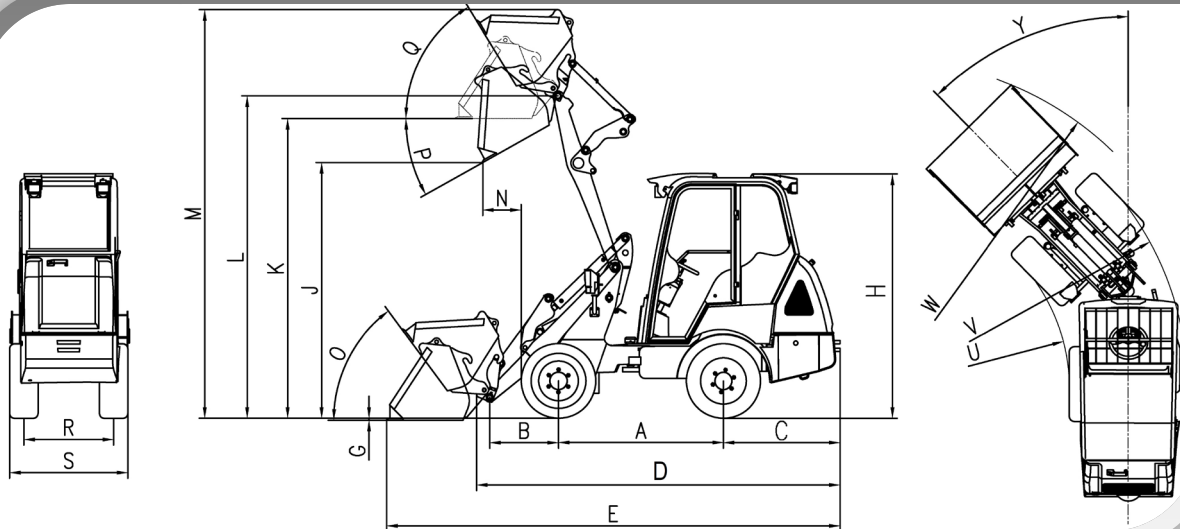
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Standard equipment *PACAM* Wheel loaders

PACAM wheel loader type	225 ECO	225	225 Cabin	233 ECO	233	233 Cabin	350 ECO	350	350 Cabin
Standard equipment									
Tyres 27x10.5-15 NHS	•	•	•						
Tyres 27x8.5-15 NHS				•	•	•			
Tyres 12-16.5 NHS							•	•	•
Hydraulics									
Single-hand control with floating position next to the seat	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Joystick	COBO	Gessmann	Gessmann	COBO	Gessmann	Gessmann	COBO	Gessmann	Gessmann
Front hydro connection DN12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hydraulic quick shift system for provided tools	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
All-hydraulic articulated steering	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hydraulic oil cooler	Yes	Yes	Yes	No	No	No	No	No	No
Hydraulic oil cooler (combined cooler)	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Driver's position									
Comfortable seat with safety belt	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Work lamps at the front	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Work lamps at the rear	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fuel gauge	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Engine-hour indicator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Adjustable steering column	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Axles									
Brakes									
Drum brake / Combination hydrostatic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Parking brake drum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Powertrain									
Planetary gear end reduction	No	No	No	No	No	No	Yes	Yes	Yes
Differential lock 100 %	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Hydrostatic four-wheel drive	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pto gear and drive shaft	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
4 Heavy wheel motors (higher traction force)	No	No	No	No	No	No	No	No	No
Safety									
Safety bar/canopy ROPS/FOPS certified	Yes	Yes	No	Yes	Yes	No	Yes	Yes	No
Cabin with heating and ventilation, ROPS / FOPS-certified	No	No	Yes	No	No	Yes	No	No	Yes
CE approved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Seat with safety belt	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reversing alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Other									
Battery cut-off switch	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Towing hook	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Dimensions *PACAM* Wheel loaders

	PACAM wheel loader type		225 ECO	225	225 Cabin	233 ECO	233	233 Cabin	350 ECO	350	350 Cabin
A	Wheelbase	mm	1345	1345	1413	1571	1571	1571	1733	1733	1733
B	Front axle to hinge pin	mm	502	502	502	627	627	627	730	730	730
C	Rear overhang	mm	798	798	1056	1069	1069	1069	1196	1196	1196
D	Length without bucket	mm	2764	2764	2971	3317	3317	3317	3779	3779	3779
E	Length with bucket	mm	3615	3615	3822	4170	4170	4170	4631	4631	4631
F	Seat height	mm	1170	1170	1170	1240	1240	1240	1340	1340	1340
G	Digging depth	mm	25	25	25	47	47	47	37	37	37
H	Height to canopy top	mm	2192	2192	2192	2230	2230	2230	2291	2291	2291
H2	Height to canopy top, when folded down	mm	1755	1755		1755	1755		1832	1832	
J	Max. dumping height	mm	2030	2030	2030	2106	2106	2106	2548	2548	2548
K	Max. height of horizontal bucket	mm	2536	2536	2536	2714	2714	2714	3059	3059	3059
L	Max. height of hinge pin	mm	2811	2811	2811	2923	2923	2923	3264	3264	3264
M	Max. operating height	mm	3593	3593	3593	3654	3654	3654	4036	4036	4036
N	Dumping reach	mm	501	501	501	510	510	510	441	441	441
O	Bucket rollback at ground	°	47	47	47	45	45	45	45	45	45
P	Dumping angle	°	45	45	45	45	45	45	45	45	45
Q	Bucket rollback at full height	°	46	46	46	47	47	47	45	45	45
R	Wheel tread	mm	714	714	714	820	820	820	1000	1000	1000
S	Overall width standard tyres / wide tyres	mm	930 / 1060	930 / 1060	930 / 1060	1080 / 1340	1080 / 1340	1080 / 1340	1332 / 1450	1332 / 1450	1332 / 1450
T	Ground clearance	mm	208	208	208	202	202	202	252	252	252
U	Inside turning radius	mm	865	865	865	1106	1106	1106	1010	1010	1010
V	Radius at outer edge	mm	1829	1829	1829	2206	2206	2206	2344	2344	2344
W	Turning radius with bucket	mm	2210	2210	2210	2625	2625	2625	2679	2679	2679
Y	Steering angle	°	54	54	54	45	45	45	40	40	40



PACAM Wheel loaders LF & HD models

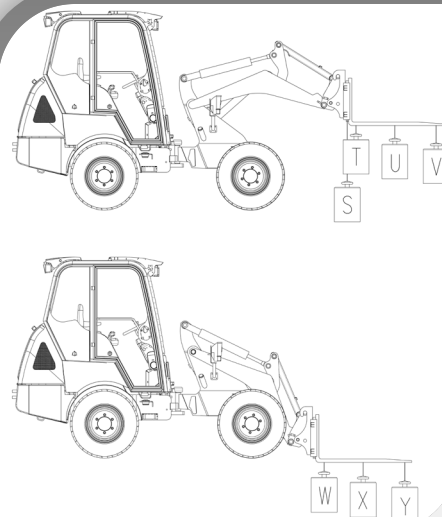


The PACAM LF and the PACAM HD models both have a lowered front frame, which ensures a lower center of gravity and thus a more stable machine. It also provides a better view at the attachment. The biggest advantage from the lowered front frame is that the machine can lift a lot more. Compared to the standard PACAM mini loaders the LF and HD models have 45% more tipping load.

The 225 HD version is also equipped with 4 heavy wheel motors, resulting in a higher traction force.

The 233 HD version is also equipped with heavy axles including planetary final drive and a Heavy-Duty hydraulic driving motor, resulting in a higher traction force for the most severe conditions.

Tipping loads PACAM 225 LF & HD (Kg)		Tipping loads PACAM 233 LF & HD (Kg)	
S	1400	S	2800
T	1050	T	2100
U	710	U	1420
U with counter weight	800	U with counter weight	1570
V	520	V	1028
W	1490	W	2700
X	990	X	1800
X with counter weight	1070	X with counter weight	2000
Y	700	Y	1280



Technical details *PACAM* Wheel loaders LF & HD models

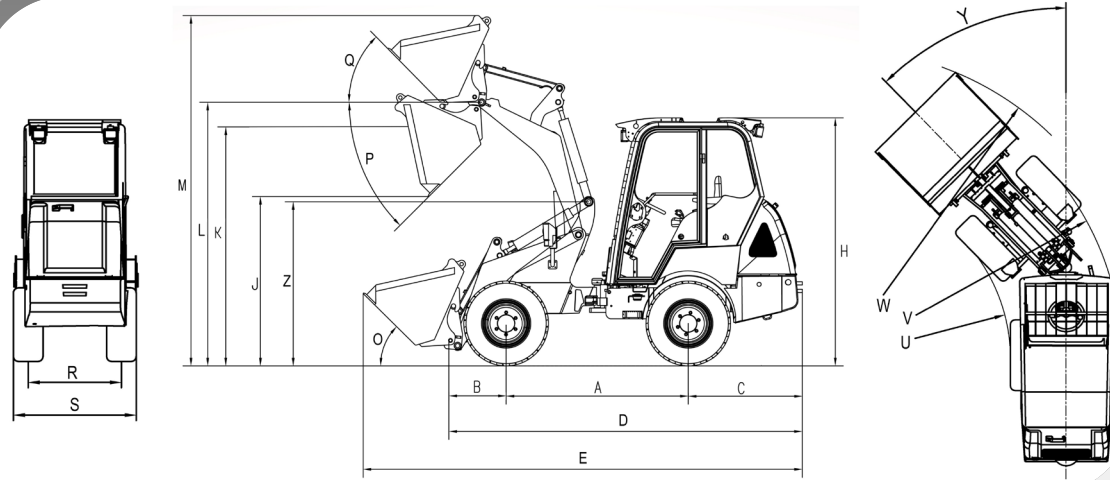
PACAM wheel loader type	225 LF	225 LF Cabin	225 HD	225 HD Cabin	233 LF	233 LF Cabin	233 HD	233 HD Cabin
Technical Data								
Engine data								
Manufacturer	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Engine type	403D-11	403D-11	403D-11	403D-11	404D-15	404D-15	404D-15	404D-15
Cylinder	3	3	3	3	4	4	4	4
Max. power (Hp)	25	25	25	25	33	33	33	33
Engine rotation speed (rpm)	2800	2800	2800	2800	2800	2800	2800	2800
Capacity (cm³)	1131	1131	1131	1131	1508	1508	1508	1508
Cooling	Water	Water	Water	Water	Water	Water	Water	Water
Electrical system								
Operating voltage (V)	12	12	12	12	12	12	12	12
Traffic light (preparation)	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Weights								
Operating weight (standard with bucket) (Kg)	1510	1510	1510	1510	2450	2450	2475	2475
Tipping loads in bucket (Kg) (according to ISO 14397)								
Lift frame horizontal / machine straight	1040	1040	1040	1040	1900	1900	1900	1900
Lift frame horizontal / machine articulated	670	670	670	670	1370	1370	1370	1370
Tipping loads on pallet fork (Kg) (according to ISO 14397)								
Lift frame horizontal / machine straight	710	710	710	710	1420	1420	1420	1420
Lift frame horizontal / machine articulated	440	440	440	440	1010	1010	1010	1010
Lift frame at the bottom / machine straight	990	990	990	990	1800	1800	1800	1800
Lift frame at the bottom / machine articulated	650	650	650	650	1270	1270	1270	1270
Lift frame at the bottom / machine straight / counterweight	1070	1070	1070	1070	2000	2000	2000	2000
Lift frame at the bottom / machine articulated / counterweight	700	700	700	700	1470	1470	1470	1470
Vehicle data								
Driving speed (km/h)	13	13	15	15	18	18	18	18
One or two speeds gear switching under load possible	No	No	No	No	Yes	Yes	Yes	Yes
Capacity of fuel tank (L)	23	23	23	23	46	46	46	46
Capacity hydraulic oil tank (L)	30	30	30	30	24	24	24	24
Hydraulic driveline								
Manufacturer	Bosch Rexroth	Bosch Rexroth	Bosch Rexroth	Bosch Rexroth	Bosch Rexroth	Bosch Rexroth	Bosch Rexroth	Bosch Rexroth
Hydrostatic four-wheel drive	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output (l/min)	80	80	80	80	80	80	80	80
Working pressure (bar)	305	305	305	305	320	320	320	320
Hydraulic operation								
Output (l/min)	30	30	30	30	47	47	47	47
Working pressure (bar)	205	205	205	205	210	210	210	210
Hydraulic steering								
Output (l/min)	30	30	30	30	45	45	45	45
Working pressure (bar)	150	150	150	150	150	150	150	150

Standard equipment *PACAM* Wheel loaders LF & HD models

PACAM wheel loader type	225 LF	225 LF Cabine	225 HD	225 HD Cabine	233 LF	233 LF Cabine	233 HD	233 HD Cabine
Standard equipment								
Tyres 27x10.5-15 NHS	•	•	•					
Tyres 27x8.5-15 NHS				•	•	•	•	•
Tyres 12-16.5 NHS								
Hydraulics								
Single-hand control with floating position next to the seat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Joystick	Gessmann	Gessmann	Gessmann	Gessmann	Gessmann	Gessmann	Gessmann	Gessmann
Front hydro connection DN12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hydraulic quick shift system for provided tools	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
All-hydraulic articulated steering	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hydraulic oil cooler	Yes	Yes	Yes	Yes	No	No	No	No
Hydraulic oil cooler (combined cooler)	No	No	No	No	Yes	Yes	Yes	Yes
Driver's position								
Comfortable seat with safety belt	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Work lamps at the front	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Work lamps at the rear	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fuel gauge	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Engine-hour indicator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Adjustable steering column	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Axles								
Brakes								
Drum brake / Combination hydrostatic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Parking brake drum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Powertrain								
Planetary gear end reduction	No	No	No	No	No	No	Yes	Yes
Differential lock 100 %	No	No	No	No	Yes	Yes	Yes	Yes
Hydrostatic four-wheel drive	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pto gear and drive shaft	No	No	No	No	Yes	Yes	Yes	Yes
4 Heavy wheel motors (higher traction force)	No	No	Yes	Yes	No	No	No	No
Safety								
Safety bar/canopy ROPS/FOPS certified	Yes	No	Yes	No	Yes	No	Yes	No
Cabin with heating and ventilation, ROPS / FOPS-certified	No	Yes	No	Yes	No	Yes	No	Yes
CE approved	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Seat with safety belt	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reversing alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Other								
Battery cut-off switch	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Towing hook	No	Yes	No	Yes	Yes	Yes	Yes	Yes

Dimensions *PACAM* Wheel loaders LF & HD models

	PACAM wheel loader type		225 LF	225 LF Cabin	225 HD	225 HD Cabin	233 LF	233 LF Cabin	233 HD	233 HD Cabin
A	Wheelbase	mm	1413	1489	1413	1489	1699	1699	1699	1699
B	Front axle to hinge pin	mm	478	478	478	478	528	528	528	528
C	Rear overhang	mm	798	1056	798	1056	1069	1069	1069	1069
D	Length without bucket	mm	2689	3023	2689	3023	3296	3296	3296	3296
E	Length with bucket	mm	3579	3913	3579	3913	4096	4096	4096	4096
F	Seat height	mm	1170	1170	1170	1170	1240	1240	1240	1240
G	Digging depth	mm	25	25	25	25	47	47	47	47
H	Height to canopy top	mm	2192	2192	2192	2192	2230	2230	2230	2230
H2	Height to canopy top, when folded down	mm	1755		1755		1755		1755	
J	Max. dumping height	mm	1285	1285	1285	1285	1576	1576	1576	1576
K	Max. height of horizontal bucket	mm	1835	1835	1835	1835	2244	2244	2244	2244
L	Max. height of hinge pin	mm	2110	2110	2110	2110	2453	2453	2453	2453
M	Max. operating height	mm	2881	2881	2881	2881	3260	3260	3260	3260
O	Bucket rollback at ground	°	40	40	40	40	45	45	45	45
P	Dumping angle	°	45	45	45	45	45	45	45	45
Q	Bucket rollback at full height	°	46	46	46	46	45	45	45	45
R	Wheel tread	mm	714	714	714	714	820	820	820	820
S	Overall width standard tyres / wide tyres	mm	930 / 1060	930 / 1060	930 / 1060	930 / 1060	1080 / 1340	1080 / 1340	1332 / 1450	1332 / 1450
T	Ground clearance	mm	208	208	208	208	202	202	202	202
U	Inside turning radius	mm	865	865	865	865	1181	1181	1181	1181
V	Radius at outer edge	mm	1829	1829	1829	1829	2495	2495	2495	2495
W	Turning radius with bucket	mm	2210	2210	2210	2210	2877	2877	2877	2877
Y	Steering angle	°	54	54	54	54	45	45	45	45
Z	Height front frame	mm	1222	1222	1222	1222	1527	1527	1527	1527



Accessories **PACAM** Wheel loaders



Manure fork with upper clamp



Pallet forks



Standard bucket



Standard bucket with upper clamp



Silage cutters



Stone bucket with inlay plate



Earth drill installation



Tile fork



Brick clamp



Kerbstone clamp



Brick clamp



Paver installation system clamp



Sweepers



Mowing deck



Bale clamp



Feed measuring bucket

Thanks to the big quantities of the different attachments, the machinery is anywhere applicable.

For all your Earth, gardening, paviour or agrarian activities,

PACAM

is your right partner!

PACAM wheel loaders

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All data concern the tested machineries in normal conditions. In the manuals you can find further details. For safety reasons, we recommend to take always in consideration the legal conditions of the legal accident insurance for the operator and the instructions of PACAM. These data offer a good description of the concerned machinery and its capacity. However, in some case, they can differ from the rules. Technical changes reserved without previous announcement,