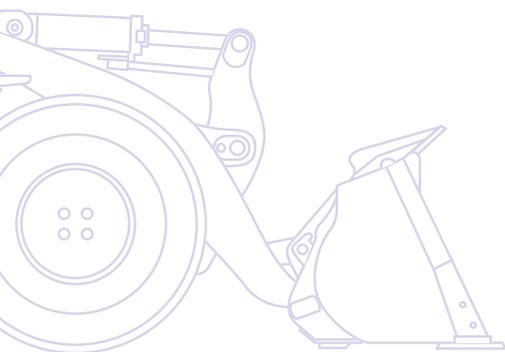


KOMATSU

WA
430



Wheel Loader **WA430-6**



ENGINE POWER
173 kW / 232 HP @ 2.100 rpm

OPERATING WEIGHT
19.100 - 20.395 kg

BUCKET CAPACITY
3,3 - 4,2 m³

Walk-Around

Efficient and productive, the WA430-6 wheel loader features Komatsu's advanced power-train technology and a top-performance engine that delivers high power and torque at low revs. Whatever the job, the WA430-6 will handle it with excellent fuel efficiency thanks to an outstanding tractive force and Komatsu's Closed Load Sensing System (CLSS) hydraulics. Its exclusive SpaceCab™ offers unrivalled operator comfort and an excellent view of the bucket and wheels. Reliability, economy, safety and ease of service – the WA430-6 sets new standards for this class of wheel loaders.

High productivity & low fuel consumption

- High-torque and low-consumption ecot3 Komatsu engine
- Meets EU Stage IIIA and EPA Tier III
- High-capacity torque converter
- Torque converter lock-up (option)
- Automatic transmission with mode selection



Excellent stability and manoeuvrability

- Superior dumping height and reach
- Wide tread and long wheelbase
- Boom suspension system for minimum spillage
- Komatsu CLSS hydraulic system

WA430-6

ENGINE POWER
173 kW / 232 HP @ 2.100 rpm

OPERATING WEIGHT
19.100 - 20.395 kg

BUCKET CAPACITY
3,3 - 4,2 m³



First-class operator comfort

- Two-door SpaceCab™
- Outstanding 360° visibility
- Deluxe heated, air-suspended driver seat
- Large armrest and adjustable console
- Electronically controlled air conditioning



Easy maintenance

- Radiator with auto reversible fan speeds up cleaning
- Factory fitted automatic lubrication system
- Large gull-wing doors for easy access to service points
- Equipment Management and Monitoring System (EMMS)
- Robust components with a long service life



KOMTRAX

Komatsu Satellite
Monitoring System

Simple & convenient handling

- Smooth ergonomic hydraulic control
- Multi-function lever (option)
- Intelligent gas pedal
- Joystick steering (option)

High Productivity & Low Fuel Consumption

Low consumption ecot3 engine

The Komatsu SAA6D114E-3 engine provides high torque, a better performance at low speed and low fuel consumption. This ecot3 engine features a new combustion chamber design with optimised ignition and combustion timing. The operating pressure of the new common rail system was increased for improved injection and fuel efficiency. The air-to-air intercooler reduces the temperature of the compressed air supplied by the turbo charger to the cylinders, and further improves fuel consumption.

Advanced Komatsu power train design

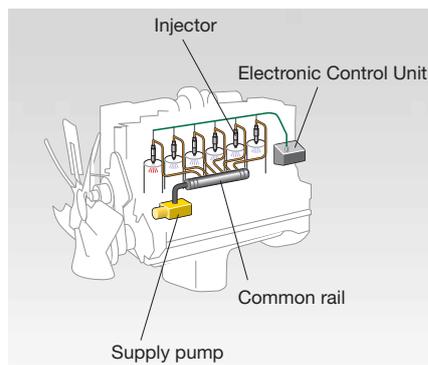
With its high-capacity torque converter, the completely redesigned Komatsu drive train offers optimum efficiency and an unparalleled rimpull-to-weight ratio. By delivering high rimpull at low speeds, it makes child's play of heavy jobs like penetration of dense material such as aggregate. This means higher productivity in V-Shape loading, even in confined spaces. For Load & Carry applications, the WA430-6 also has plenty of acceleration and can achieve high speeds, even on grades or steep ramps leading to feed hoppers.

Meets EU Stage IIIA

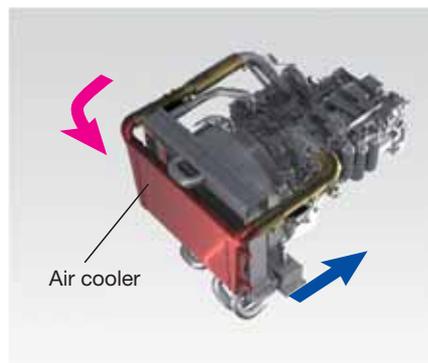
The new Komatsu ecot3 engine technology reduces NOx and particle emissions, fuel consumption and noise level. The Komatsu SAA6D114E-3 is certified for EPA Tier III and EU Stage IIIA emission regulations.

Automatic transmission with mode selection

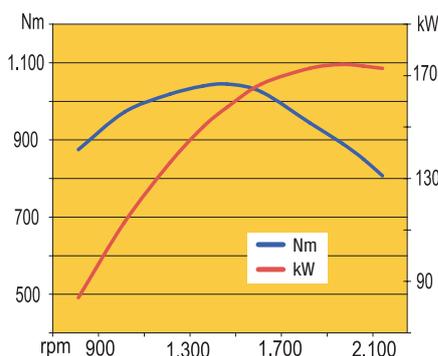
The operator can select manual shifting or has the choice between two levels of automatic shifting. Auto "Low" mode keeps the engine in a lower rpm range for fuel efficiency while also giving tractive force at the touch of the accelerator pedal. Auto "High" mode will set the gear shift timing at higher speeds.



High pressure common rail fuel injection



Air-to-air charge air cooling system





Faster load & carry

The optional torque converter lock-up system delivers unbeatable productivity and fuel efficiency in load & carry and short distance transport applications. The operator can engage the system from 3rd to 4th gear. It noticeably increases travel speed, particularly when going uphill, thanks to the larger tractive force. It also significantly reduces fuel consumption by eliminating converter losses.



Excellent Stability and Manoeuvrability

Wide tread and long wheelbase

A 2.280 mm wide tread and a long wheel base of 3.300 mm give the WA430-6 outstanding stability – enough to handle rough terrain and fast load & carry cycles with minimum spillage and maximum comfort. With 37° steering articulation to both sides, the WA430-6 is extremely manoeuvrable in tight spaces for faster loading cycles.

Superior dumping height and reach

The long lifting frame allows an enormous dumping height of 2.900 mm and a reach of 1.200 mm that is just as impressive (with 4,2 m³ stockpile bucket in combination with 26.5R25 tyres). With this working range, loading high feeders or trucks becomes easy and fast.

Precision control

Komatsu's CLSS hydraulics enables extremely precise control of the work equipment, and ensures that the bucket, boom and hydraulically driven attachments can all move smoothly at the same time. The WA430-6 also features variable-displacement pumps on both the hydraulic and steering systems. These pumps deliver the exact amount of oil required, dramatically improving fuel efficiency.





Boom suspension system

The boom suspension system reduces the shocks in the boom when driving with loads. Material can be transported at higher speeds with minimum spillage. When travelling below 7 km/h, the boom suspension is automatically deactivated for precise pallet loading into trucks.



Simple & Convenient Handling

Smooth ergonomic hydraulic control – EPC option

The new control levers are fingertip controlled for precise and fatigue-free operating. The position of the levers and of the entire console can be adjusted to suit any operator. EPC equipment for controlling the hydraulic system is also available in option. It offers a vibration-free modulating function for slowing and stopping bucket movements when lowering. For major ease of operation the upper and lower boom cut-out position can be pre-set with a switch. As a third feature, EPC equipment has a semiautomatic excavating function for simple filling of buckets.

PPC-Multifunction lever (option)

The servo-assisted multi-function lever with an integrated forward/reverse switch allows the simplest and most comfortable operation of the equipment. With one hand the driver can simultaneously control the attachment and switch between forward and reverse. The multi-function lever is the perfect choice for earth moving jobs.

Intelligent gas pedal

Our innovative new thrust-sensing gas pedal automatically helps the operator match the timing of gear shifts to the load. In heavy-duty work, requiring high rimpull and maximum acceleration, the operator tends to press heavily on the gas pedal. The machine anticipates this and shifts up gears as late as possible. In light-duty work, where fuel consumption is a major factor, the operator will intuitively press the gas pedal lightly. Again, the machine anticipates this – and shifts up gears as early as possible to achieve the best fuel efficiency.

New and easy-to-use joystick steering (option)

A new joystick steering system is available in option. It allows gear shifting with push buttons and ensures that steering can be wrist operated easily and conveniently when loading. You may pre-select the steering speed in 2 stages, depending upon whether fast V-loading or precise load & carry is required.





First-Class Operator Comfort

Large SpaceCab™

Komatsu's SpaceCab™ is among the most spacious in its class and it has been lengthened for greater leg room. It offers a driving convenience comparable to that of a passenger car. The cabin is mounted on viscose shock absorbers that guarantee low vibrations and sound levels.

Outstanding 360° visibility

The large frameless windscreen ensures an optimum view of the bucket and tyres. The slanted engine hood gives an excellent view to the rear.

Air-suspended, heated seat

The high comfort air-suspended seat, with lumbar support and multiple possibilities for adjustments, ensures the operator's well being during the entire working day. All seats are equipped with a heating function to provide an easy start on cold days.



Electronically controlled air conditioning

With the electronically controlled air conditioning fitted as standard, the operator can feel at ease regardless of the outside temperature. Concentration and productivity stays high all day.

Additional comfort

Further standard features of the Komatsu SpaceCab™ are the CD radio, a "hot and cool" box for beverages, several storage spaces and adjustable arm rests on both sides.

Safe, convenient access

For easy and safe entry, on each side of the cabin the WA430-6 has an access ladder with self-cleaning, anti-slip steps inclined forward at 8°. The cab doors are hinged at the rear for the widest possible opening angle.





Easy Maintenance

Easy access to service points

For easy and safe opening the gull-wing doors are supported by gas springs. The large doors give a convenient access from ground level to all daily service points. With long service intervals and all filters collected in a centralised arrangement, machine downtime is reduced to a minimum.

State-of-the-art monitoring

The equipment management and monitoring system (EMMS) is clearly structured and easy to read. If a malfunction occurs, it is immediately displayed as plain text in the selected language. The system features an error memory, a self-diagnosis function and a display of service intervals. The EMMS gives timely notification of required oil and filter replacements. All information can also be accessed off-site via KOMTRAX™. The operator and customer service engineer are constantly informed about the machine's state so that problems can be prevented before they occur.

Auto reverse fan

To minimize manual cleaning, a reversible fan blows dust out, automatically or on demand. The "automatic reverse" function allows to set the cleaning length interval to perfectly adjust to the working conditions.

Factory fitted automatic lubrication system

The automatic lubrication system reduces the daily service work to the absolute minimum. Robust piping ensures consistent lubrication and operating reliability, and significantly increases the machine's service life. The system is electronically monitored and features a signal light in the cabin.

Customer service and spare parts supply

When you buy Komatsu, you buy a lot more than just a machine. Our service support accompanies you throughout the entire life of your wheel loader. Programs for preventative maintenance are as much a part of the offer as the complete range of dealer services and repair programmes. In case of malfunction, Komatsu's close-knit network of dealers and excellent parts service ensures minimum machine downtime.



Auto reverse fan



Automatic central lubrication



EMMS (Equipment Management Monitoring System)



Easy access to service points



Komatsu Satellite Monitoring System



KOMTRAX™ is a revolutionary machine tracking system designed to save you time and money. You can now monitor your equipment anytime and anywhere. Use valuable machine data received via the KOMTRAX™ web site to optimise your maintenance planning and machine performances.

KOMTRAX™ can assist you with:

Full machine monitoring

Get detailed operation data to know when your machines are used and how productive they are.

Total Fleet Management

Keep track of the location of your machines at all times and discourage unapproved usage or theft.

Complete machine status

Receive warnings, alerts and cautions, via a web site or by e-mail, to help with maintenance planning and for longer machine life.

For further details on KOMTRAX™, please ask your Komatsu dealer for the latest KOMTRAX™ brochure.





Machine working time - With the "daily working record" chart, get precise engine running time data: when your machine was started and when it was shut down, as well as total engine running time.



Maintenance planning - To increase productivity and improve maintenance planning, alerts indicate when items such as filters or oil must be replaced.



Fleet location - The machine list instantly locates all your machines, even those in other countries.



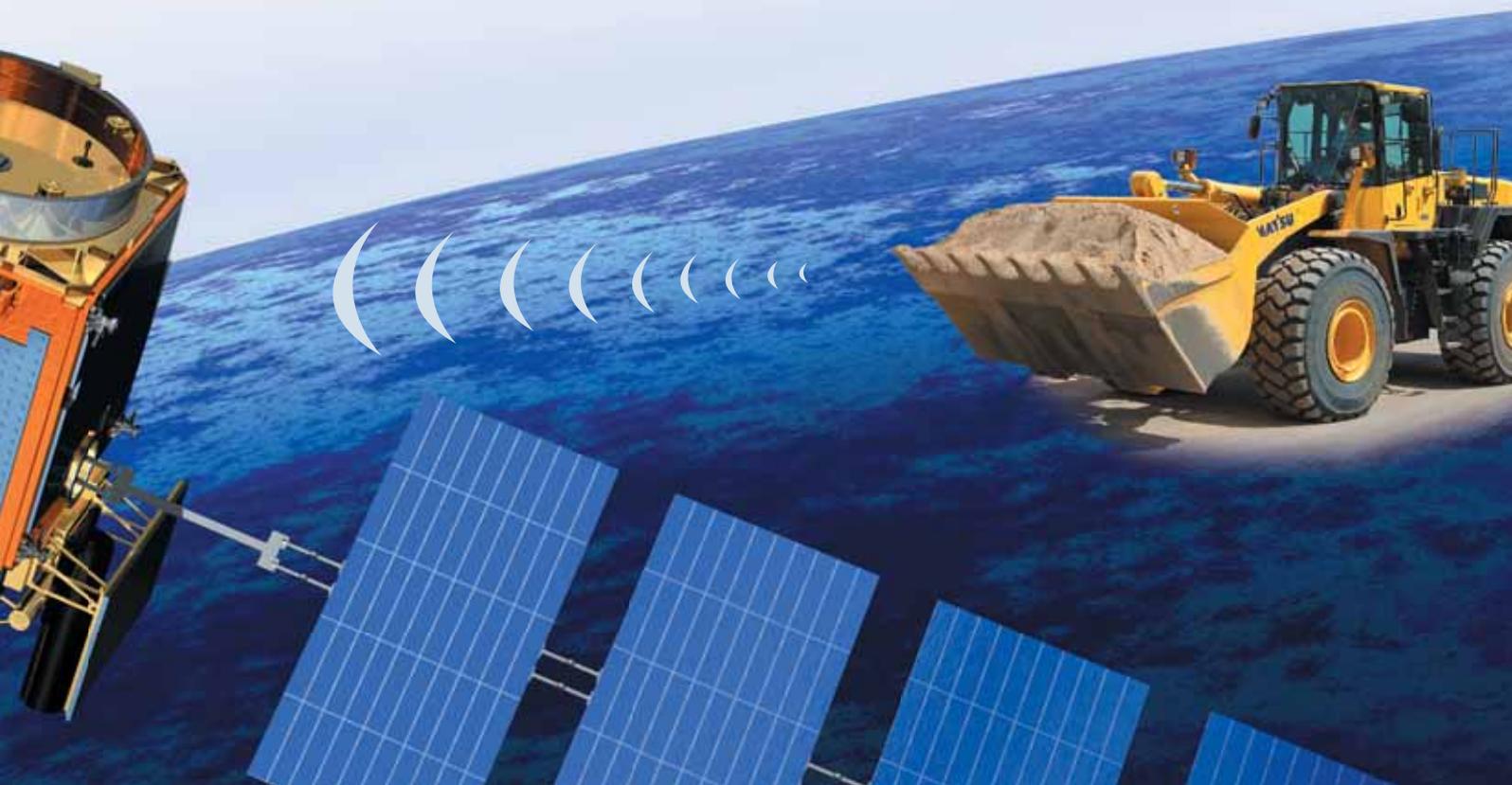
Machine tracking during transport - When your machine is transported, KOMTRAX™ sends travel messages to the web site or by e-mail to inform you of its progress, and confirms when it reaches its destination.



Alarm notifications - You can receive notification of alarms both via the KOMTRAX™ website and by e-mail.



Added security - The "engine lock" feature allows to program when a machine's engine can be started. And with "geo-fence", KOMTRAX™ sends notification every time your machine moves in or out of a predetermined operating area.



Robust and Reliable

Designed and built by Komatsu

The engine, hydraulics, power train, front and rear axles are original Komatsu components. All these components are subject to the highest quality standards right down to the smallest screw. All components are fully co-ordinated with one another, thus offering the maximum efficiency and reliability.

Heavy-duty axles

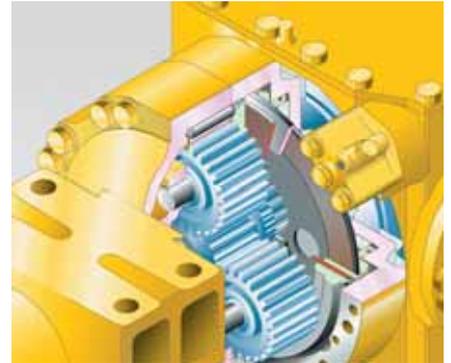
The heavy-duty axles allow exceptional service life even under the toughest working conditions. The optional limited slip differentials are most suitable for soft and slippery ground like sand or wet soil.

Wet multi-disc service brake

The multi-disc service brake is encapsulated and runs in an oil bath. The brake stays clean and operates at low temperature for increased service intervals and a long lifetime.

Robust torsion-resistant main frame

The frame design with hinge points far apart guarantees the high stability for the overall construction and reduces bearing stress in the torsional ranges.





Tailored Solutions

Working gear division

Komatsu wheel loaders combined with a wide range of genuine Komatsu attachments provide the perfect solution for any industry sector. For special applications our “Working Gear” division offers purpose-built machines and attachments. The tailor made solutions allow high performance and outstanding reliability even under toughest conditions.

Waste handling

We adapt our wheel loaders to the different conditions that exist on waste handling job sites. Along with heavy duty attachments, we offer solutions to protect your machine against damage.





Universal bucket

This type of bucket is impressive because of its excellent penetration and loosening properties and its good material holding properties. This universal bucket can be equipped with flush mount adapters and interchangeable teeth.



Earthmoving bucket

The earthmoving bucket with a one-piece bucket bottom is suited both for earthworks and loading cohesive material. The slanted sides give powerful penetration. It is equipped either with flush mount adapters and interchangeable teeth or also with a rear removable edge.



Stock pile bucket

The stock pile bucket is the right solution for handling loose and relatively light materials. The straight sidewalls ensure a high bucket capacity, the rear edge makes levelling and cleaning up jobsites easy. This stock pile bucket can be equipped with flush mount adapters and interchangeable teeth or a bolt-on cutting edge.



Heavy duty bucket

The ideal bucket for hard and abrasive conditions. Increase profits by protecting the bucket investment and reduce repair works. Komatsu offers total bucket protection by using highly wear resistant exchangeable parts. A bolt-on teeth system reduces welding on the bucket and prevents loss of teeth.



Hydraulic quick coupler

The WA430-6 can change attachments in a matter of seconds with a market compatible or HD wedge type quick coupler. With the wedge type quick coupler, featuring a unique and innovative design, the offset to the original connection points is reduced to a minimum. Thus, lifting forces remain almost the same compared to a direct mounted bucket.



A comprehensive range of attachments

The log grapple: With its sturdy structure and its great hydraulic power and a special tilting cylinder, the WA430-6 is also perfectly suited to work in the timber industry. The robust design of the lifting frame and axles ensures maximum durability.

Specifications

ENGINE

Model Komatsu SAA6D114E-3
Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel

Engine power
at rated engine speed 2.100 rpm
ISO 14396 173 kW / 232 HP

Max. torque / engine speed 1.040 Nm / 1.500 rpm

No. of cylinders 6

Bore x stroke 114 x 135 mm

Displacement 8,27 ltr

Fan drive type Hydraulic

Lubricating system Gear pump, water-cooled oil cooler, piston cooling nozzles

Filter Main-flow filter with water separator

Air-filter type Dry-air filter with automatic dust emission and preliminary purification including a dust display

TRANSMISSION

Type Automatic powershift transmission

Torque converter One-stage, one-phase, 3-element

Speeds in km/h (with 23.5 R25 tyres)

Gear	1.	2.	3.	4.
Forward	7,0	12,3	21,6	37,2
with torque converter lock-up	-	-	22,5	39,0
Reverse	7,6	12,9	23,0	39,0
with torque converter lock-up	-	-	24,0	39,0

CHASSIS AND TYRES

System 4-wheel drive

Front axle Komatsu HD axle, semi-floating, (LSD-differential optional)

Rear axle Komatsu HD axle, semi-floating, 26° swing angle (LSD-differential optional)

Differential Straight bevel gear pair

Final drive Planetary gear in an oil bath

Tyres 23.5 R25

SERVICE REFILL CAPACITIES

Cooling system 34 ltr

Fuel tank 325 ltr

Engine oil 32 ltr

Hydraulic system 139 ltr

Front axle 49 ltr

Rear axle 40 ltr

Torque converter and transmission 54 ltr

BRAKES

Operating brakes Hydraulically actuated, wet multi-disc brakes on all wheels

Parking brake Wet multi-disc

Emergency brake Uses the parking brake

HYDRAULIC SYSTEM

Type Komatsu CLSS (Closed Centre Load Sensing System)

Hydraulic pump Variable piston pump

Working pressure 320 bar

Maximum pump flow 205,5 ltr/min

No. of hydraulic/bucket cylinders 2/1

Type Double-action

Bore diameter x stroke

Boom cylinder 135 x 776 mm

Bucket cylinder 150 x 535 mm

Hydraulic cycle with rated load bucket filling

Raise time 6,5 s

Lowering time (empty) 3,3 s

Dumping time 1,8 s

STEERING SYSTEM

System Articulated frame steering

Type Completely hydraulic power steering

Steering angle to either side 37° [40° max.]

Steering pump Variable piston pump

Working pressure 250 bar

Pumping capacity 137,7 ltr/min

No. of steering cylinders 2

Type Double-action

Bore diameter x stroke 75 x 442 mm

Smallest turn (outer edge of the tyre 23.5 R25) 6.025 mm

CABIN

Two-door SpaceCab™ in conformity with ISO 3471 with ROPS (roll over protective structure) in conformity with SAE J1040c and FOPS (falling object protective structure) in conformity with ISO 3449. The air-conditioned pressurised cabin is mounted upon hydrobearings and is noise dampened.

ENVIRONMENT

Engine emissions Fully complies with EU Stage IIIA and EPA Tier III exhaust emission regulations

Noise levels

LwA external 107 dB(A) (2000/14/EC Stage II)

LpA operator ear 72 dB(A) (ISO 6396 dynamic test)

Vibration levels (EN 12096:1997)*

Hand/arm ≤ 2,5 m/s² (uncertainty K = 0,48 m/s²)

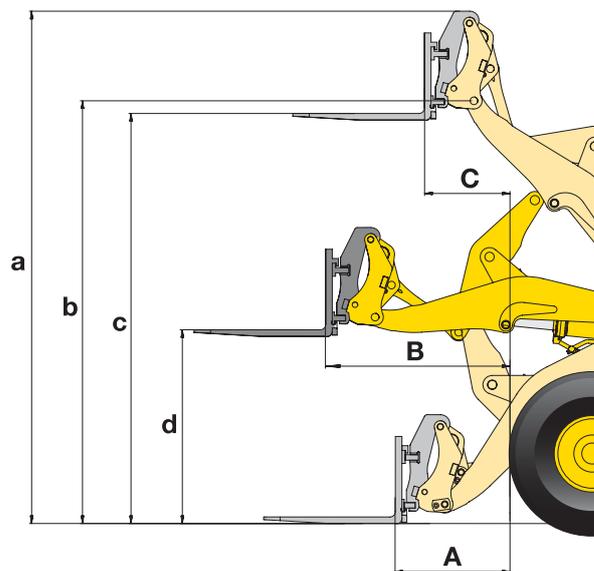
Body ≤ 0,5 m/s² (uncertainty K = 0,234 m/s²)

* for the purpose of risk assessment under directive 2002/44/EC, please refer to ISO/TR 25398:2006.

Dimensions & Performance Figures

FORK TINES

Sales code		C53
Fork tine length	mm	1.500
A Max. reach at ground level	mm	1.140
B Max. reach	mm	1.780
C Max. reach at max. stacking height	mm	865
a Max. height fork-carrier	mm	4.995
b Hinge pin height	mm	4.155
c Max. stacking height	mm	3.985
d Height of forks at maximum reach	mm	1.875
Max. tipping load, straight	kg	10.585
Max. tipping load, articulated	kg	9.512
Max. payload as per EN 474-3, 80%	kg	7.000
Max. payload as per EN 474-3, 60%	kg	5.720
Weight in working order with fork tines	kg	18.500

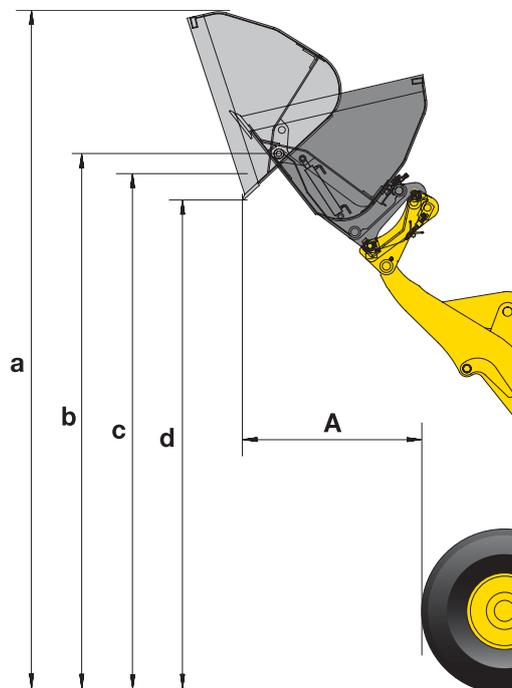


HIGH-DUMP BUCKET

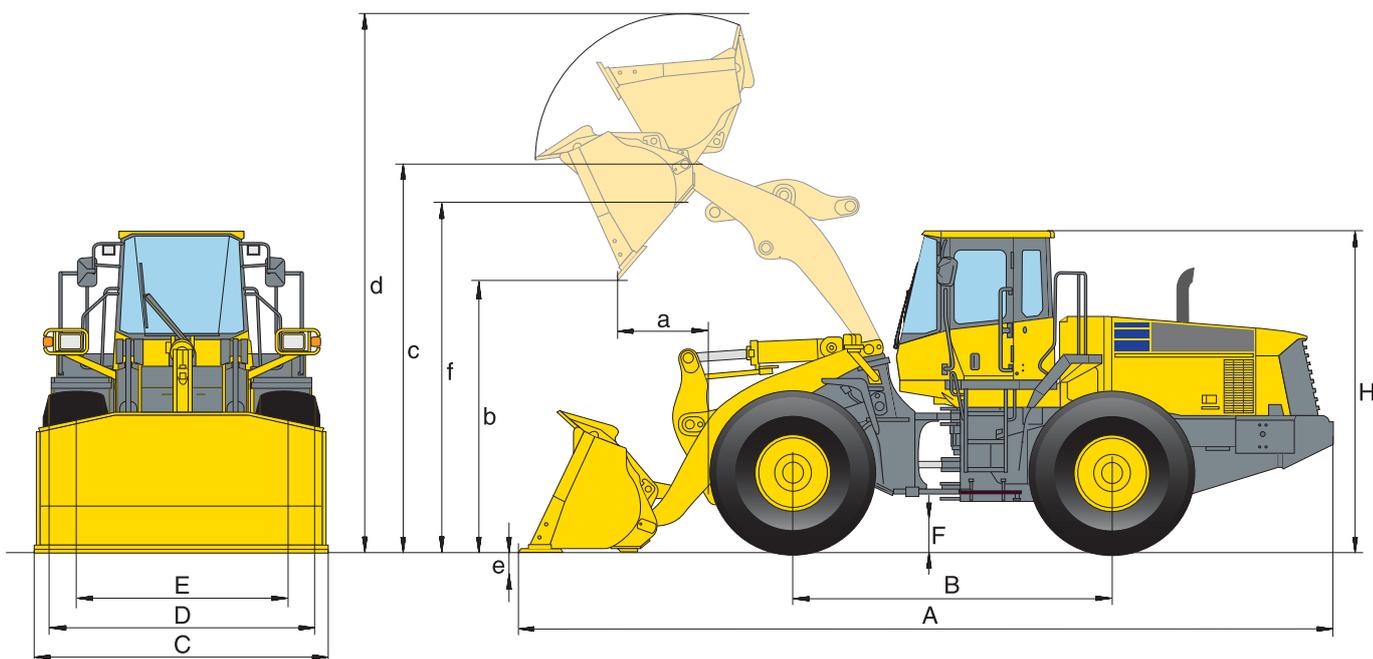
Type		A	B
Sales code		Q39	Q41
Bucket capacity (heaped, ISO 7546)	m ³	6,5	5,2
Material density	t/m ³	0,8	1,0
Bucket width	mm	3.000	3.000
Bucket weight without teeth	kg	2.100	2.420
A Reach at 45°	mm	1.830	1.775
a Height top edge of bucket	mm	6.710	6.490
b Hinge pin height	mm	5.175	5.150
c Max. loading height at 45°	mm	4.990	4.970
d Dump height at 45°	mm	4.730	4.740

Type A: dump cylinders located inside bucket

Type B: dump cylinders located outside bucket



Dimensions & Performance Figures



MEASUREMENTS AND WORKING SPECIFICATIONS

Bucket type	Universal				Stockpile			
		with teeth	with BOC	with teeth	with BOC	w/o teeth	with teeth	with BOC
Bucket capacity (heaped, ISO 7546)	m ³	3,3	3,45	3,6	3,75	3,6	3,6	3,75
Sales code		3948 C02	C03	C12	C13	C35	C36	C37
Material density	t/m ³	1,8	1,7	1,65	1,55	1,6	1,6	1,5
Bucket weight	kg	1.750	1.800	1.763	1.833	1.735	1.902	1.962
Static tipping load, straight	kg	14.765	14.630	14.725	14.550	14.645	14.425	14.255
Static tipping load, 37° articulated	kg	13.215	13.085	13.175	13.010	13.110	12.890	12.725
Break-out force hydraulic	kN	164	154	159	149	155	155	146
Lifting capability hydr. at ground level	kN	192	190	190	188	190	190	188
Operating weight (without add. counterw.)	kg	19.100	19.145	19.120	19.180	19.080	19.250	19.310
Turning radius at corner of tyres (40°)	mm	6.025	6.025	6.025	6.025	6.025	6.025	6.025
Turning radius at bucket edge (40°)	mm	6.730	6.675	6.740	6.695	6.655	6.745	6.700
a Reach at 45°	mm	1.340	1.180	1.365	1.210	1.195	1.380	1.330
b Dump height at 45°	mm	2.815	2.935	2.795	2.905	2.960	2.775	2.885
c Hinge pin height	mm	4.155	4.155	4.155	4.155	4.155	4.155	4.155
d Height top edge of bucket	mm	5.555	5.555	5.670	5.670	5.535	5.535	5.535
e Digging depth	mm	160	190	160	190	160	160	190
f Max. loading height at 45°	mm	3.860	3.860	3.860	3.860	3.860	3.860	3.860
A Overall length, bucket grounded	mm	8.690	8.515	8.735	8.560	8.485	8.760	8.585
B Wheelbase	mm	3.300	3.300	3.300	3.300	3.300	3.300	3.300
C Bucket width	mm	2.990	3.000	2.990	3.000	2.990	2.990	3.000
D Width over tyres	mm	2.885	2.885	2.885	2.885	2.885	2.885	2.885
E Track width	mm	2.280	2.280	2.280	2.280	2.280	2.280	2.280
F Ground clearance	mm	450	450	450	450	450	450	450
H Overall height	mm	3.390	3.390	3.390	3.390	3.390	3.390	3.390

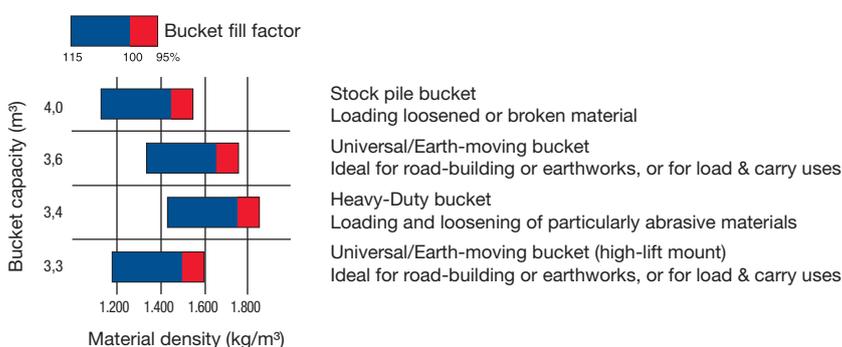
All measurements with tyres 23.5 R25.

Details of dumping heights and reach to cutting edge or bolt-on cutting edge (BOC) or teeth



CHANGE IN DATA CAUSED BY:

	Add. counterweight (rear)	Add. counterweight (sides)	23.5 R25 XLD D1A L4	23.5 R25 XMINE D2 L5	26.5 R25 XHA L3
Operating weight	+ 325 kg	+ 430 kg	+ 570 kg	+ 720 kg	+ 600
Static tipping load, straight	+ 815 kg	+ 855 kg	+ 425 kg	+ 535 kg	+ 445
Static tipping load, 37° articulated	+ 710 kg	+ 765 kg	+ 385 kg	+ 485 kg	+ 405
Overall length, bucket grounded	+ 140 mm	-	-	-	-
Reach at 45°	-	-	- 30 mm	- 25 mm	- 65 mm
Dump height at 45°	-	-	+ 35 mm	+ 45 mm	+ 55 mm
Width over tyres	-	-	+ 40 mm	+ 35 mm	- 10 mm
Overall height	-	-	+ 35 mm	+ 45 mm	+ 55 mm



TYPICAL MATERIAL DENSITY – LOOSE (IN kg/m³)

Stockpile ¹			Earthmoving		Heavy Duty		Universal (High-lift) ²
w/o teeth	with teeth	with BOC	with teeth	with BOC	with teeth	with BOC	w/o teeth
4,0	4,0	4,2	3,4	3,55	3,4	3,5	3,3
C45	C46	C47	C42	C43	C29	C30	C01
1,65	1,6	1,55	1,7	1,6	1,7	1,6	1,5
1.902	2.068	2.124	1.748	1.808	1.980	2.040	1.580
15.805	15.585	15.570	14.660	14.475	14.415	14.235	13.135
14.120	13.900	13.740	13.115	12.945	12.870	12.700	11.700
149	149	141	154	143	164	154	157
187	187	186	192	190	191	190	164
20.175	20.340	20.395	19.905	19.155	19.325	19.390	20.010
6.025	6.025	6.025	6.025	6.025	6.025	6.025	6.025
6.680	6.765	6.720	6.730	6.685	6.725	6.680	6.880
1.170	1.355	1.200	1.345	1.195	1.335	1.180	1.255
2.975	2.790	2.900	2.810	2.920	2.825	2.935	3.500
4.155	4.155	4.155	4.155	4.155	4.155	4.155	4.645
5.770	5.770	5.770	5.535	5.535	5.535	5.535	6.045
160	160	190	160	190	160	190	205
3.860	3.860	3.860	3.860	3.860	3.860	3.860	4.345
8.680	8.955	8.780	8.710	8.535	8.690	8.515	8.950
3.300	3.300	3.300	3.300	3.300	3.300	3.300	3.300
2.990	2.990	3.000	2.990	3.000	2.990	3.000	2.990
2.875	2.875	2.875	2.885	2.885	2.885	2.885	2.885
2.280	2.280	2.280	2.280	2.280	2.280	2.280	2.280
450	450	450	450	450	450	450	450
3.445	3.445	3.445	3.390	3.390	3.390	3.390	3.390

Basalt	1.960
Bauxite, Kaolin	1.420
Earth, dry, ex store	1.510
Earth, wet, excavated	1.600
Gypsum, broken	1.810
Gypsum, crushed	1.600
Granite, broken	1.660
Limestone, broken	1.540
Limestone, crushed	1.540
Gravel, unscreened	1.930
Gravel, dry	1.510
Gravel, dry, 6-50 mm	1.690
Gravel, wet, 6-50 mm	2.020
Sand, dry, loose	1.420
Sand, damp	1.690
Sand, wet	1.840
Sand and clay, loose	1.600
Sand and gravel, dry	1.720
Sandstone	1.510
Slate	1.250
Slag, broken	1.750
Stone, crushed	1.600
Clay, natural	1.660
Clay, dry	1.480
Clay, wet	1.660
Clay and gravel, dry	1.420
Clay and gravel, wet	1.540

1) Measurements with tyres 26.5 R25 & with add. counterweight

2) with add. counterweight

Wheel Loader

WA430-6

Standard and Optional Equipment

ENGINE

Komatsu SAA6D114E-3 turbocharged common rail direct injection diesel engine	●
EU Stage IIIA/EPA Tier III compliant	
Fuel filter with water separator	●
Engine cooling fluid corrosion resistor	●
Alternator 60 A/24 V	●
Starter motor 5,5 kW/24 V	●
Batteries 143 Ah/2 × 12 V	●

CHASSIS AND TYRES

Heavy-duty axles	●
Front fenders	●
Limited-slip differential (LSD) front and rear	○
Tyres 23.5 R25; 26.5 R25, 750/65 R25	○
Full rear fenders	○

SAFETY EQUIPMENT

Emergency steering system	●
Horn	●
Vandalism protection	●
Back-up alarm	●
Battery main switch	●
Handrails on left/right	●
Front screen protective grid	○
Beacon light	○
Electronic anti-theft lock	○
Roof rail	○
Roof rail and step light	○
Rear view camera system	○
Additional convex rear view mirror	○
Optical back-up alarm (strobe light)	○
Back-up alarm (white noise version)	○

LIGHTING SYSTEM

2 halogen main headlights	●
2 spotlights at front and rear	●
Reversing light	●
Additional lights front and rear	○
Xenon working lights	○

CABIN

Spacious double door driver's cab to DIN/ISO	●
ROPS/FOPS frame according to SAE	●
Air-suspended, heated seat	●
Air conditioner	●
CD radio	●
Hot and cool box	●
All-round tinted glazing	●
Front laminated glass	●
Heated rear window	●
Rear window wiper	●
Sun visor	●
Adjustable steering column	●
12 V power supply	○
Fire extinguisher	○
Sun roller blind	○
Automatic climate control system	○
Super DeLuxe seat	○

TRANSMISSION AND BRAKES

Electronically controlled ECMV automatic transmission with mode selector and variable transmission cut-off	●
Working mode selection system	●
Large-capacity torque converter	●
Torque converter lock-up	○
Joystick steering with integrated F/R transmission function, 2-stage	○
20, 25 or 30 km/h speed limitation (not with torque converter lock-up)	○

HYDRAULIC SYSTEM

2-spool main control valve	●
PPC fingertip control, two levers	●
Automatic return-to-dig	●
3-spool main control valve	○
PPC control, 1-lever (Multi-function lever) with integrated F/R transmission function	○
Electronic 2-lever control (EPC) including:	
- Bucket stop modulation	○
- Boom stop pre-setting	
- Semiautomatic dig function	
Biodegradable oil for hydraulic system	○

SERVICE AND MAINTENANCE

Hydrostat-driven radiator fan with automatic reversing function	●
EMMS (Equipment Management Monitoring System) with self-diagnostic function and maintenance display	●
KOMTRAX™ - Komatsu satellite monitoring system	●
Tool-set	●
Automatic central lubrication	●
Filling tool for central lubrication system	○
Turbo II air pre-cleaner, cyclone type	○

OTHER EQUIPMENT

Counterweight	●
Electronically controlled load stabilizer (ECSS)	●
Special custom colour	○
Add. counterweight 325 kg	○
Additional side counterweight 430 kg	○
Anti-corrosion specification	○
Waste-handler specification	○
Cold area kit (engine and cab pre-heating)	○

ATTACHMENTS

High-lift equipment	○
Hydraulic quick-coupler	○
Universal buckets	○
Earthmoving buckets	○
Stock pile buckets	○
High-dump buckets	○
Log grapples	○
Fork carrier and tines	○
Waste handling buckets	○
Light material buckets	○

Further equipment on request

The WA430-6 is equipped in accordance with the safety regulations of the machinery guidelines 89/392 EWG ff and EN474.

- standard equipment
- optional equipment

Your Komatsu partner:

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