MECALAC

AT SERIES

EN

AT

SERIES MECALAC


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AT

A TELESCOPIC WHEEL LOADER

“For decades, MECALAC has been developing and producing high-quality and innovative wheel loaders at the Büdelsdorf site in Northern Germany. With our articulated loaders, four-wheel steered front loaders and four-wheel steered swing loaders, we are the only manufacturer to offer all concepts for compact loaders. At MECALAC you can choose the best suitable solution for your application.
On the platform of our front loaders with four-wheel steering, the AT 900 and AT 1050 are telescopic loaders with an excellent stability. For this version, Mecalac has chosen a rigid chassis. In connection with the four steering wheels who assure exceptional manœuvrability, the telescopic loaders keep their “wheels on the ground” and offer high performance – even in the most confined work sites.”

Henri Marchetta,
Chairman Groupe Mecalac S.A.

AT 900 AND AT 1050 IN 4 POINTS

A TECHNOLOGY MADE FOR THE TOUGHEST WORK REQUIREMENTS

The telescopic AT wheel loaders are frequently being used in material handling. With this in mind once again Mecalac has chosen the most adapted technology for the needs of its customers: parallel kinematics, a rigid chassis with four wheel steering, a cabin with two doors, and a hydraulic quick-coupler.


MECALAC

AT

THE | P | KINEMATICS

AN OPTIMISED LOADING HEIGHT AND REACH THANKS TO THE TELESCOPIC BOOM

The telescopic boom of the wheel loaders AT 900 and AT 1050 has changed. The two machines are from now on equipped with a telescopic boom with parallel kinematics. The P-kinematics offer superior performances as well as a number of advantages for the user.

The new P-kinematics guarantee **an absolute parallel guidance** of the loading forks and at the same time allow for an exceptional breakout force. The concept of the kinematics, featured on the two telescopic wheel loaders AT 900 and AT 1050, has many advantages for the operator. In particular, the entire architecture of the lifting arm allows for **a perfect vision** onto the equipment and the working environment; both **the operator comfort and safety** do benefit from this.

PRECISE, EFFICIENT AND ALWAYS SAFE TO WORK WITH

The lifting cylinder and the two «parallel cylinders» are now placed on the underside of the telescopic arm which multiplies the lifting force and allows for unlimited parallel guidance. In addition, for each intervention, faster and more consistent handling of materials is provided. A guaranty for precision at work, efficiency, and a high level of safety.

Designed by Mecalac, the telescopic arm of the AT wheel loaders is rigid and its kinematics allow for an optimal visibility on the equipment as well as the work area and the environment of the construction site. Thanks to the powerful engine, 55 kW / 75HP, combined with a loading height of 4.67 m and a maximum payload on forks, respectively 2,350 kg and 2,860 kg, the AT 950 et AT 1050 present to our customers an efficient and effective management of very demanding jobs in a safe work environment.


MECALAC
AT


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USER-FRIENDLY

STURDY AND STABLE WITH FOUR-WHEEL STEERING

A RIGID FRAME, 4-WHEEL STEERING, STABILITY AND EXCELLENT MOBILITY

Combined with an extremely robust rigid chassis, the AT loaders stand for maximum stability, retaining the center of gravity even during tight turns or when driving on rough terrain. Thus the payload always being constant, the driver can work in confidence and focus entirely on his job.

Equipped with 4 steering wheels, a steering angle of +/- 35 °on each axle and a turning radius of only 3.71 m over the rear, Mecalac's telescopic wheel loaders are highly adapted to off-road terrain with incomparable manœuvrability and mobility, even on the tightest job sites.

This substantial ability also helps to reduce unnecessary movements to a considerable extent. This appreciable dexterity also reduces maneuvers considerably and with travel and cycle times optimised this contributes to the overall performance of a job site and meeting the given deadlines.

Even on the road, the Mecalac AT loaders do not fail their reputation for comfort and driving flexibility.

	ARTICULATED CHASSIS	RIGID CHASSIS	AT
Mobility	•		•
Versatility	•		•
Autonomy	•		•
Ease of driving	•		•
Off-road fitness	•		•
Safety		•	•
Stability		•	•
Precision			•

USER-FRIENDLY

GETTING IN AND OUT OF THE CAB WITHOUT GETTING TIRED

IT IS ABOARD A SPACIOUS CABIN WITH ERGONOMICALLY ARRANGED DRIVING ELEMENTS WHERE THE DRIVER TAKES A SEAT.

The large tinted windows provide excellent visibility; the panoramic roof offers a perfect view for example when loading at heights. The telescopic arm and the work area always remain in the operators' field of vision.

On top of the many comfort features that are standard in the Mecalac AT loaders, access by both sides of the machine is a powerful argument for many reasons.

In addition to maintaining maximum ventilation while keeping both doors open, being able to leave the cabin even when the machine is alongside a wall or an obstacle, is a definite plus. Staying in direct contact with the worksite environment and on-site workers in the handling phase is where attention to work must be at its maximum.

USER-FRIENDLY

THE MECALAC QUICK-COUPLER, EQUIPPED AS STANDARD

EAGER TO MAKE ITS MACHINES EVER SAFER AND MORE VERSATILE, MECALAC, A SPECIALIST IN THE DESIGN AND MANUFACTURE OF CONSTRUCTION EQUIPMENT FOR URBAN WORKSITES, OFFERS A QUICK-COUPLER THAT IS REMARKABLE FOR ITS LIGHTWEIGHT, ITS INTEGRATION, ITS EASE OF USE AND ITS DOWNRIGHT PERFECT SAFETY.

Being multi-brand compatible, the Mecalac quick coupler can be controlled from the drivers' seat, without risk to drop the attachment due to its electro-hydraulic locking system. It's simple and fast maintenance minimises the interventions; this makes just one factor more for a well-performing and profitable building site. Versatility is an integral part of the Mecalac machine brand. A common purpose of any urban job site in the world lies in minimising the number of on-site transports, the number of machines in motion, the number of workers on the same site – to achieve an overall contribution to environmental protection in reducing noise and air pollution.

The Mecalac quick-coupler is the ultimate connection between the machine at its attachment.


MEGALAC
AT 1050
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OPTIMAL PERFORMANCES

Our goal is to become the long-term partner of each of our customers and that the Mecalac AT loaders contribute to the performance and profitability of their business.

This is why we are constantly listening to feedback from the field. As a result, our wheel loaders are equipped with many advanced technical features for optimal site management. We pay particular attention to the performance of our loaders, which are stable, maneuverable, compact, powerful and which guarantee operators the best comfort and perfect safety.


MECALAC

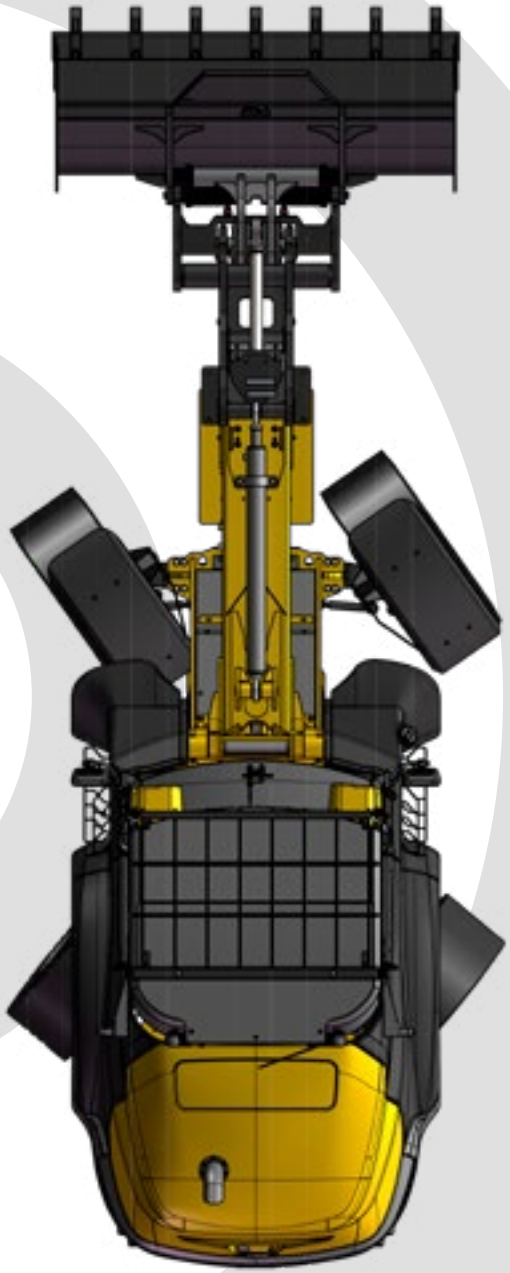
PERFORMANCE

MANŒUVRABILITY AND COMPACTNESS

MECALAC TELESCOPIC WHEEL LOADERS FEATURE A RIGID FRAME AND 4-WHEEL STEERING. THEY OFTEN EVOLVE INTO URBAN CONSTRUCTION SITES WHERE SPACE IS LIMITED AND THEREFORE DRIVING IS LIMITED, TOO.

Being able to maneuver in a single movement within a radius of 3.71 m, effectively bypassing all obstacles ensures maximum mobility on the tightest job sites. Stability is key and no loss of tipping load occurs when the wheels are in steered position. Fewer turns, less movement, which means also less damage to the ground to preserve.

This combination of a rigid chassis, 4-wheel steering and P-kinematics results in the power and excellent handling of AT loaders, so tasks are carried out quickly and efficiently. It is this consistency of Mecalac technologies that defines our machines and is at the foundation of our success.

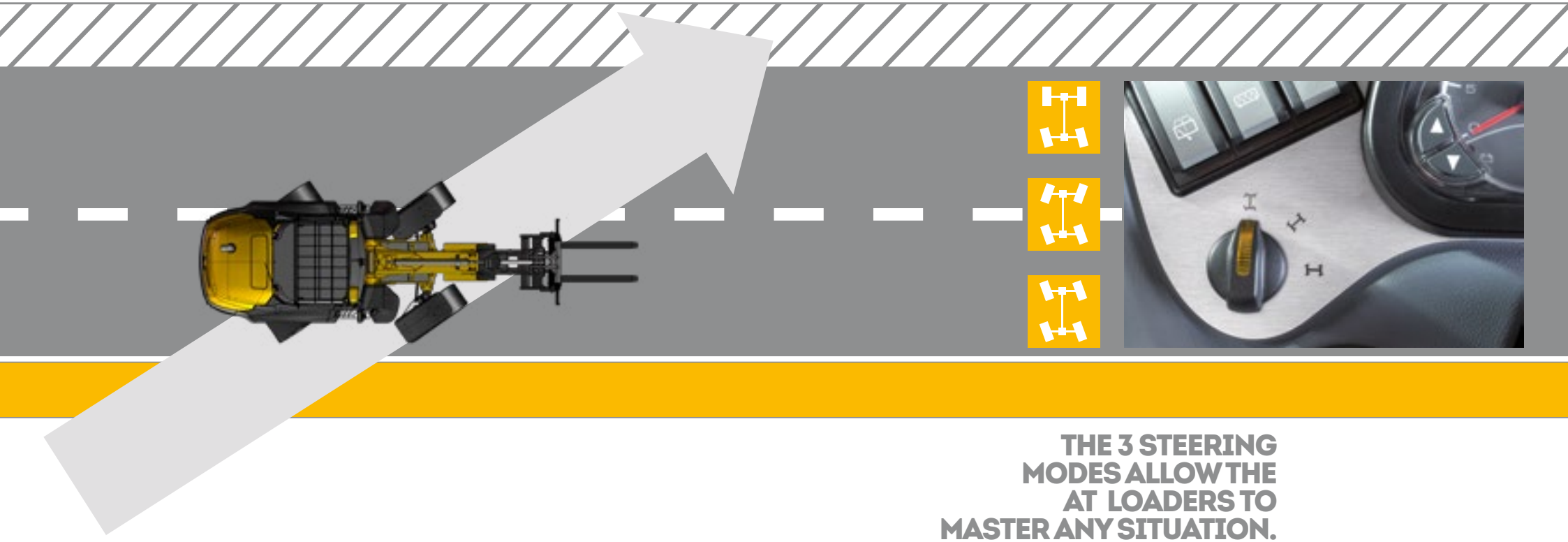


MOBILITY,
THE ULTIMATE MANŒUVRABILITY

1 | ***2-wheel steering =***
high traction and safe
travel on the road

2 | ***4-wheel steering =***
mobility and stability on
construction sites

3 | ***Crab mode =***
precise movements
in confined spaces



THE 3 STEERING MODES ALLOW THE AT LOADERS TO MASTER ANY SITUATION.

PERFORMANCE

LIFTING FORCE AND WORKING RANGE

LIFTING FORCE

On demanding job sites, your Mecalac loader achieves, if equipped with loading forks, safely and efficiently, a maximum lifting height of 4.66 m, a maximum reach of 3 m and a maximum payload of 2,350 kg for the telescopic loader model AT 900 and 2,860 kg for the model AT 1050. Mecalac has chosen P-kinematics for its AT loaders and as a result achieves unlimited parallel guidance when performing material handling jobs.

WORKING RANGE

Equipped with a loading bucket, telescope retracted, the tipping load reaches 3,470 kg and 4,290 kg respectively, with a range of up to 3 m from the wheels.
The combination of this exceptional lifting force and working range allows AT loaders to perform a wide range of tasks for the most demanding applications. This is the guaranty of a highly performant and efficient result delivering the service, quality and profitability for the projects of our customers.

4.3
TONS

PERFORMANCE

LOADING WITHOUT LIMITS

IN ADDITION TO MATERIAL HANDLING ALL DAY LONG, THE TELESCOPIC LOADER LOADS AND UNLOADS MANY TIMES AND ON ANY TERRAIN, FROM THE MOST ORDERLY TO THE MOST RUGGED.

Efficiency is the order of the day and safety is not just an empty word. Taking into account the autonomy of our customers, the telescopic loaders have been designed to provide real visibility on the work area and great freedom of maneuvering on all sites, whatever the job, whichever country.

UP TO
4M

WHEN EQUIPPED WITH A LOADING BUCKET OR A MULTIPURPOSE BUCKET, UNLOADING IN THE DUMP OF A TRUCK CAN BE DONE AT MORE THAN 4 M HEIGHT, WHICH APPLIES TO BOTH MACHINES, THE AT 900 AS WELL AS THE AT 1050.

The telescopic arm extends by more than one meter and offers great loading possibilities in many work situations. Few situations will remain unresolved thanks to the AT telescopic loaders, designed and manufactured in Germany at our Mecalac Baumaschinen plant.

VERSATILITY,
SERVING YOUR BUSINESS

All Mecalac machines have one thing in common, which is their built-in versatility.

For the telescopic AT loaders, this versatility makes perfect sense for the integral optimisation and maximum profitability of our customers' work sites, whatever branch they are in, whatever their specialty.

USER-FRIENDLY

A LOADER FOR EACH BUSINESS

HAVING THE RIGHT TOOL, AT THE RIGHT TIME, ALL YEAR LONG AND IN COMPLETE SAFETY - THAT IS MECALAC'S FUNDAMENTAL BASIS FOR EFFICIENT WORK OF QUALITY, HIGH PERFORMANCE, COST-EFFECTIVENESS AND ON-TIME JOB SITES.

Whether you work in industry, recycling, composting, local communities, or furthermore in general construction, there is always a number of multiple and diverse tasks to perform, which are typical to your business. Material handling, loading, unloading, those are the daily tasks of your mission on the job site. The Mecalac telescopic loaders have been designed from the start to meet your demands for versatility without compromising performance, quality of work and the safety of the operator, the co-workers on the job site and the local residents.
In addition to the standard buckets, the AT loaders are frequently operating hydraulic tools such as a sweeper, a brush cutter, a compactor, a milling cutter, a planer, a snow plow, a grapple bucket, ...there are as many possibilities to use your AT loader 365 days a year.

The temporary work platform in this brochure may only be sold in countries where it is approved. Check with your Mecalac dealer.


MECALAC
AT1050
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SET UP YOUR AT

The Mecalac telescopic loaders, AT 900 and AT 1050 come standard equipped with a number of features, while at the same time remaining attentive to the specifications required by various types of customers.
From the color scheme to the choice of tires or air-conditioning; not to mention the various attachments, buckets and hydraulic tools. There are many different ways to tailor your Mecalac wheel loader to your business.

CUSTOM COLORS

You wish to get your AT with your brand colors ?
Customize your Mecalac with your own RAL color codes.

Color examples

TIRE OPTIONS


16/70 – 20 MPT04
Diagonal (standard)


16/70 - 20 MPT05
Radial


405/70 R20 SPT
Radial


405-70/R20
Radial


405/70 - 20 MPT01
Diagonal


550/45 - 22.5
Diagonal


X-Mine D2
Radial


9.00 R20 X-Mine-D2
Radial

CABINE & CONFORT

- Air-conditioning
- Auxiliary heating
- Cab pre-heating (up to -25°)
- Steel-framed doors with sliding windows (on both sides)
- Deluxe seat options, air-suspended, heated
- Heated rear-view mirrors

ENGINE

- Engine with diesel particulate filter (DPF)
- Engine with PTO (Power Take-Off)
- Engine pre-heating (up to -25°)
- Fuel pre-heating
- Reversible fan
- Electric fuel pump

TRANSMISSION

- Hand throttle
- Crawling speed (inching mode)
- Boom suspension system
- Differential lock 100% on rear axle

HYDRAULIC OPTIONS

- Push-pull couplings
- Permanent function for attachment circuit
- Pressureless return line / Leak-oil line
- MPC - high-precision control for attachments
- High-flow working hydraulics (max. 120 l/min or 200 bar)
- Rear hydraulic circuit (with permanent function)
- Central lubrication system
- Safety valves (on lifting and tipping cylinders)

SAFETY

- Anti-theft device with transponder
- Acoustic back-up alarm 110 dB
- Workinig lights halogen / LED
- Rotating beacon halogen / LED
- Frontguard for windscreen
- Preparation for telematics (interface)

HYDRAULIC OIL

- Mineral hydraulic oil HV LP68
- Bio-degradable oil HLP Synth 68S
- Bio-degradable oil HLP Synth 46S

EXCLUSIVE MECALAC ACCESSORIES

LOADING SHOVELS

AT900	VOLUME (m³)	WIDTH (mm)	WEIGHT (kg)	Max. Density (t/m³)
Bucket with teeth	0.9	2,100	359	1.8
Bucket w/o teeth	0.9	2,100	324	1.8

AT1050	VOLUME (m³)	WIDTH (mm)	WEIGHT (kg)	Max. Density (t/m³)
Bucket with teeth	1.05	2,100	410	1.8
Bucket w/o teeth	1.05	2,100	375	1.8

4 X 1 MULTI-PURPOSE BUCKETS

AT900	VOLUME (m³)	WIDTH (mm)	WEIGHT (kg)	Max. Density (t/m³)
Multi-purpose bucket with teeth	0.85	2,100	633	1.8
Multi-purpose bucket w/o teeth	0.85	2,100	598	1.8

AT1050	VOLUME (m³)	WIDTH (mm)	WEIGHT (kg)	Max. Density (t/m³)
Multi-purpose bucket with teeth	1	2,100	643	1.8
Multi-purpose bucket w/o teeth	1	2,100	608	1.8

GRAB BUCKETS

AT1050	VOLUME (m³)	WIDTH (mm)	WEIGHT (kg)	Max. Density (t/m³)
Bucket with grapple	1.4	2,100	548	0.9

HIGH CAPACITY BUCKETS

AT900 / AT1050	VOLUME (m³)	WIDTH (mm)	WEIGHT (kg)	Max. Density (t/m³)
Lightweight bucket with teeth	1.2	2,100	422	1.2
Lightweight bucket w/o teeth	1.5	2,100	580	0.9

AT1050	VOLUME (m³)	WIDTH (mm)	WEIGHT (kg)	Max. Density (t/m³)
Lightweight bucket w/o teeth	2	2,100	627	0.7

BUCKET ACCESSORY

AT900 / AT1050
Loading hook on multi-purpose bucket
Bucket cover with lights acc. to traffic regulations – for buckets with/without teeth
Hardox double-sided bolted cutting edge for all buckets without teeth

PALLET FORKS

AT900 / AT1050	TINE LENGTH (mm)	MAX. LOAD (kg)	WEIGHT (kg)
Pallet fork carrier	1,200	2,500	210

CRANING DEVICE

AT900 / AT1050	LENGTH (mm)	MAX. LOAD (kg)	WEIGHT (kg)	REACH (mm)
Craning device	1,920	800	204	3,155 / 4,200

ROAD SWEEPER

AT900 / AT1050
Cleaning brush (working width straight 2,300 mm) with mechanical adjustment of lateral angle. Brush diameter 600 mm, 100% PP, supporting wheels Ø 250 mm.
Dirt container (355 L), with supporting wheel
Sprinkler system, tank capacity 200 L, 12/24 Volt
Side brush

SNOW PLOW

AT900 / AT1050
Snow plow (working width straight 2,500 mm, lateral 2,160 mm) with mechanical lateral adjustment and supporting wheels Ø 200 mm
Hydraulic lateral adjustment of the snow plow

REAR MOUNTINGS*

AT900 / AT1050
Fold-away, height adjustable ball type hitch. Max. towing capacity 3,500 kg for breaked trailer, max. towbar load : 100 kg with 7-pole socket (12V)
Rockinger trailer coupling, pivotable, 38mm pin diameter max. towing capacity 8,000 kg for breaked trailer, max. towbar load : 200 kg with 7-pole socket (12V)
Rear mounting bracket (cat I) to carry sand- and salt-spreader with 7-pole socket (12V)

REAR-MOUNTED ATTACHMENTS

AT900 / AT1050
Sand- and salt spreader SA 360 (360L), consisting of: spreader, paddle mixer, electric remote control, lighting, with 7-pole socket (12V)

*The laws and regulations of the different countries must be respected.

AT
TECHNICAL DATA

WEIGHT	AT900	AT1050
Operating weight	6,550 kg	7,150 kg
Engine output	55 kW / 75 hp	55 kW / 75 hp
Bucket capacity	0.9 – 1.5 m³	1.05 – 1.6 m³

ENGINE	AT900	AT1050
Low-noise, water-cooled Deutz TCD 2.9 L4, turbo diesel engine. Common Rail injection system, intercooler, cooled external exhaust gas recirculation and diesel oxidation catalyst (DOC). No regeneration necessary.	•	•
Net power at: Acc. to ISO 14396	2,600 rpm 75 hp / 55 kW	2,600 rpm 75 hp / 55 kW
Max. torque at: Acc. to ISO 14396	1,600 rpm 300 Nm	1,600 rpm 300 Nm
Air intake filter: two-stage dry-air filter with safety cartridge	•	•

ELECTRICAL SYSTEM	AT900	AT1050
Operating voltage	12 Volt	12 Volt
Battery	95 Ah	95 Ah
Alternator	120 A	120 A

DRIVE	AT900	AT1050
Hydrostatic drive with automotive control, 2 stages for maximum propulsive force, shiftable under load, multifunctional lever (joystick) for drive and working hydraulics control	•	•
Axles: planetary axles with four- wheel steering for maximum manoeuvrability, oscillating rear axle with suspension	•	•
Differential lock: self-locking differential in front axle	•	•
Tyres	16/17-20	16/17-20
Standard	16/17-20	16/17-20
Optional	405/70 R20	405/70 R20
Speeds		
Road gear	0-20 kph	0-20 kph
Field gear	0-5 kph	0-5 kph
Optional	30-40 kph	30-40 kph
Oscillation: max. oscillation angle	+/-10°	+/-10°

BRAKE SYSTEM	AT900	AT1050
Working brakes		
1. hydrostatic inching brake, acting on all 4 wheels	•	•
2. hydraulically operated, servo-assisted oil-immersed multiple disc brakes on front axle, acting on all 4 wheels	•	•
Parking brake	•	•
spring loaded brake on front axle acting on all 4 wheels	•	•

STEERING	AT 900	AT 1050
Hydrostatic four-wheel steering with 3 steeringmodes: four-wheel, rear-axle and crab steering	•	•
Max. steering angle	+/-35°	+/-35°
Turning radius		
Measured over rear	3,710 mm	3,710 mm
Measured over bucket	4,600 mm	4,630 mm

AT
TECHNICAL DATA

HYDRAULIC SYSTEM	AT 900	AT 1050
Single circuit working hydraulics with gear pump (lift/lower, tilt, telescopic functions, quick-attach system) and steering (via priority valve); four-way control valve with primary and secondary safeguards	•	•
Max. performance at 2600 rpm:	84 l/min and 225 bar	84 l/min and 225 bar
Floating position for boom cylinders		
Cylinders:		
1 lifting cylinder	•	•
1 tilting cylinder	•	•
1 telescopic cylinder	•	•

PERFORMANCE DATA	AT 900	AT 1050
Digging depth with standard bucket	90 mm	90 mm
Bucket position		
Crowd angle	45°	45°
Dump angle top	45°	45°
Dump angle max.	110°	110°
Lifting force:	44 kN	52 kN
Breakout force:	43.6 kN	43.6 kN
Traction force:	48.5 kN	48.5 kN
Tipping load, telescope retracted		
Standard bucket, max. steered, frontal	3,470 kg	4,290 kg
Payload		
Forks, max. steered, frontal, even terrain	2,350 kg	2,860 kg
Forks, max. steered, frontal, even terrain*	2,600 kg	3,150 kg

FILLING CAPACITIES	AT 900	AT 1050
Engine with filter	approx 8 l	approx 8 l
Fuel tank	approx 130 l	approx 130 l
Front axle total	approx 11 l	approx 11 l
Rear axle with gearbox	approx 12 l	approx 12 l
Hydraulic system with tank	approx 134 l	approx 134 l

* Tipping load acc. to ISO 14397; Payload acc. to EN 474-3.
Transport position 300 mm above ground level.

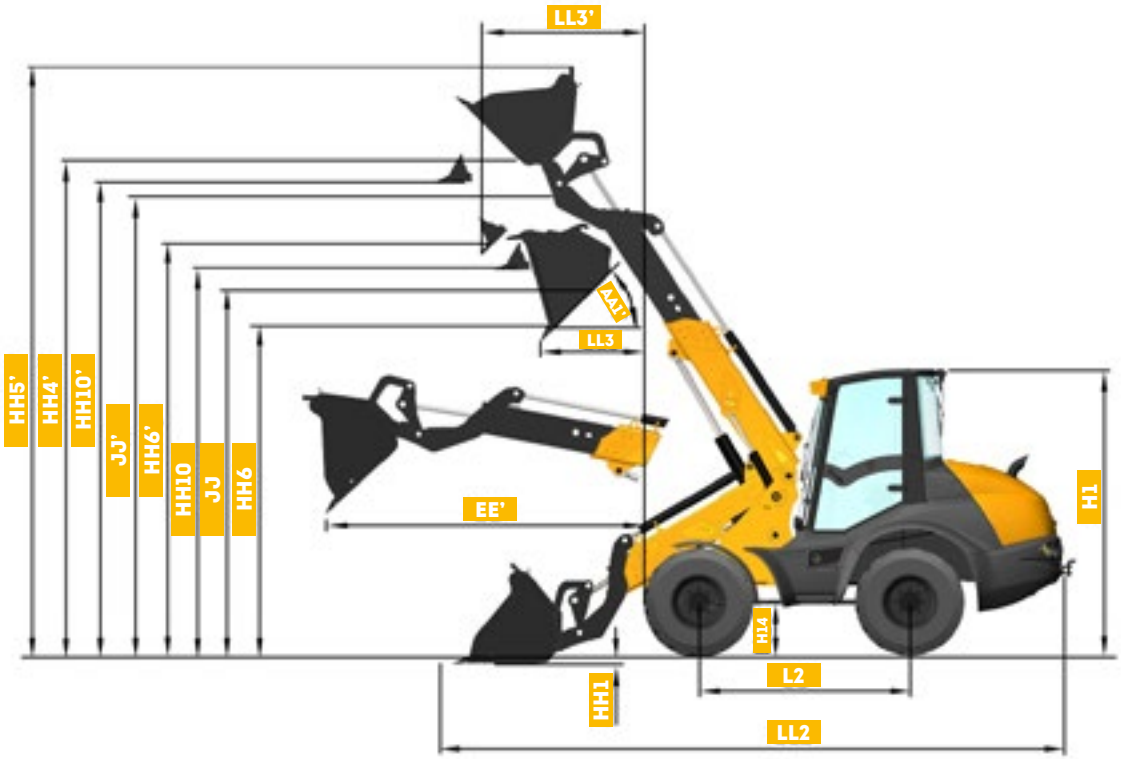
CONCEPTION	AT 900	AT 1050
Comfortable panoramic driver's cab with ROPS safety system	•	•
Monoboom with P kinematics	•	•
Joystick controls	•	•
Servo-assisted working hydraulics	•	•
Hydraulically controlled quick-attach system	•	•
High-performance, power controlled hydrostatic four-wheel drive	•	•
Four-wheel steering system with automatic alignment	•	•
Planetary axles with self-locking differential on front axle	•	•
Wide range of attachments	•	•
Rigid, single-component chassis for maximum stability, independent of steering position	•	•
Powerful telescopic boom with P kinematics with precise parallel guidance	•	•
The monoboom concept guarantees optimum visibility to attachments	•	•
Operator's cab with flexible four-point mountings for maximum driver comfort and minimum noise levels	•	•
The servo-assisted joystick controls of the working hydraulics are smooth, accurate and long lasting	•	•

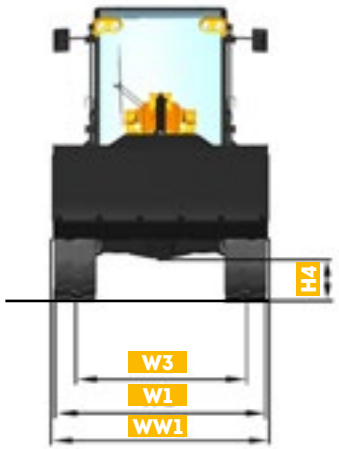
EMISSIONS	AT 900	AT 1050
Engine: emissions according to stage III B - EU-RL 97/68	•	•
Noise emission:		
NivSound power level LwA[1]	100 dB(A)	100 dB(A)
Acoustic power LpA[2]	72 dB(A)	72 dB(A)
Vibrations:		
Vibration total value[3]	< 2,5 m/s²	< 2,5 m/s²
Effective vibration level[4]	< 0,5 m/s²	< 0,5 m/s²

[1] According to 2000/14/EG
[2] According to ISO 6396
[3] According to ISO/TR 25398
[4] According to ISO/TR 25398

All information pertains to the standard tyres.
All information is non-binding.
Subject to change without prior notice.
The order confirmation alone is expressly decisive.

AT
TECHNICAL DATA



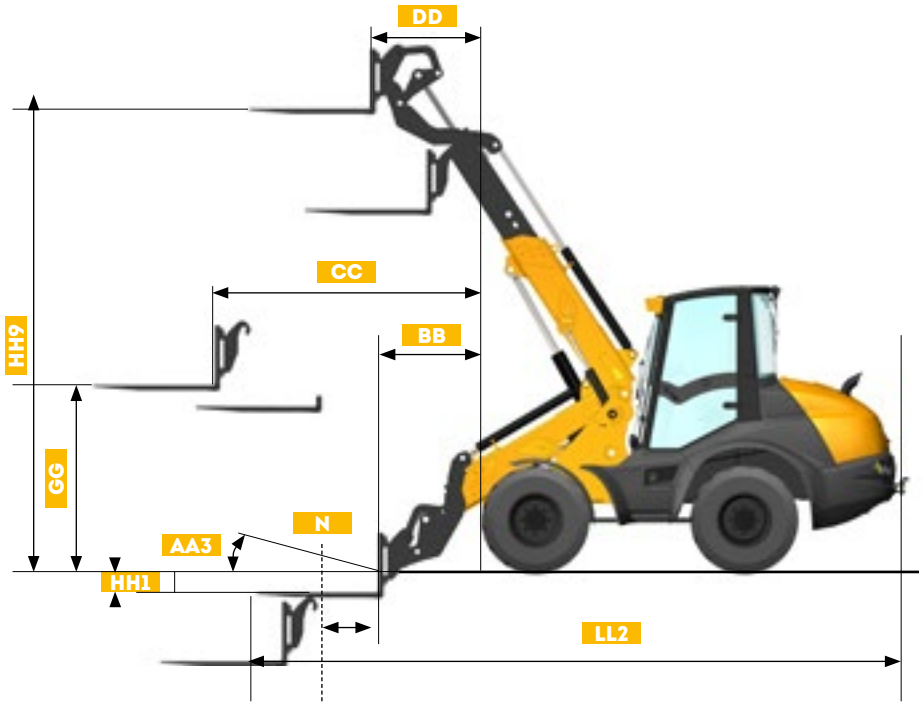


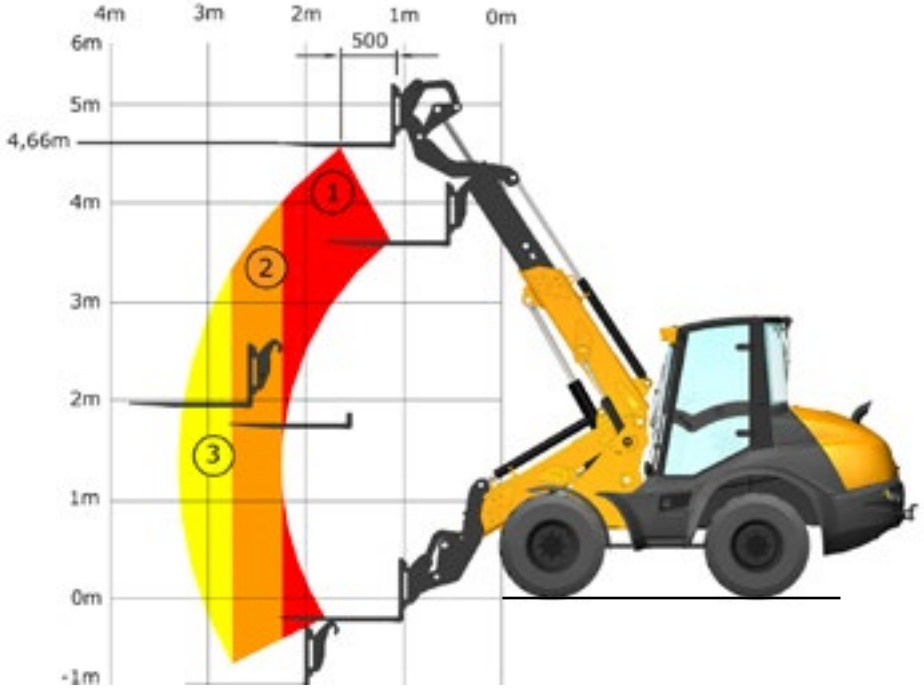
MACHINE DIMENSIONS		AT900		AT1050	
BUCKETS		STD. 0.9 m³	4x1 - 0.85 m³	STD. 1.05 m³	4x1 - 1.0 m³
AA1'	Tipping angle max.	45°	40°	45°	40°
EE'	Dumping width at a 45° tipping angle	3010 mm	2955 mm	3010 mm	2955 mm
HH1	Plunge depth	90 mm	110 mm	90 mm	110 mm
HH10	Loading height at bottom of bucke	3780 mm	3765 mm	3780 mm	3765 mm
HH10'	Loading height at bottom of bucket (boom extended)	4670 mm	4630 mm	4670 mm	4630 mm
HH4'	Bucket pivot pin (boom extended)	4830 mm	4830 mm	4830 mm	4830 mm
HH5'	Working height max. (boom extended)	5850 mm	3010 mm	5850 mm	6010 mm
HH6	Dumping height at max lifting height and 45° tipping angle	3200 mm	3145 mm	3170 mm	3145 mm
HH6'	Dumping height at max lifting height and 45° tipping angle (boom extended)	4080 mm	4010 mm	4050 mm	4010 mm
JJ	Loading height	3660 mm	3665 mm	3560 mm	3665 mm
JJ'	Loading height (boom extended)	4440 mm	4530 mm	4440 mm	4530 mm
LL3	Dumping width at max lifting height and 45° tipping angle	850 mm	1095 mm	870 mm	1095 mm
LL3'	Dumping width at max lifting height and 45° tipping angle (boom extended)	1500 mm	1680 mm	1500 mm	1680 mm

MACHINE DIMENSIONS		AT900	AT1050
H1	Overall height	2910 mm	2910 mm
H4	Ground clearance transmission*	345 mm	345 mm
H14	Ground clearance cardan shaft*	420 mm	420 mm
L2	Wheelbase	2085 mm	2085 mm
W1	Width over tyres*	2065 mm	2065 mm
W3	Wheel track	1660 mm	1660 mm
WW1	Width over bucket	2100 mm	2100 mm
LL2	Overall length	5850 mm	5920 mm

*Depending on choice of tyres

AT
TECHNICAL DATA





DIMENSIONS WITH PALLET FORKS		AT900	AT1050
PALLET FORKS			
LL2	Overall length	6350 mm	6350 mm
BB	Minimum reach	1030 mm	1030 mm
CC	Maximum reach	2600 mm	2600 mm
AA3	Tipping angle max.	max. 15°	max. 15°
DD	Reach at maximum lifting height	1090 mm	1090 mm
GG	Loading height at maximum reach	1950 mm	1950 mm
HH1	Plunge depth	210 mm	210 mm
HH9	Overload height at max. lifting height	4660 mm	4660 mm
N	Payload - at maximum reach	1730 kg	1730 kg
N	Payload at 300 mm above ground	The payload of the machine is limited by the maximum weight on forks at 2500 kg	

PAYLOAD (80 % of tipping load)		AT900	AT1050
		EVEN GROUND 80%	
1	Permissible load according to EN 474-3	2350 kg	2860 kg
2	Permissible load according to EN 474-3	1730 kg	2150 kg
3	Permissible load according to EN 474-3	1420 kg	1800 kg

MECALAC - INNOVATIVE MACHINES
FOR A NEW URBAN ENVIRONMENT

EXCAVATORS

WHEEL EXCAVATOR LOADER

WHEEL EXCAVATORS

CRAWLER SKID-EXCAVATORS

CRAWLER EXCAVATORS

LOADERS

WHEEL LOADERS

SWING LOADERS

TELESCOPIC LOADERS

SWING TELESCOPIC LOADERS

COMPACTION ROLLERS

SINGLE DRUM ROLLER

TANDEM VIBRATING ROLLERS

SITE DUMPERS

1 TO 3 TONS

6 TO 10 TONS

BACKHOE LOADERS

BACKHOE LOADERS - CENTER MOUNT

BACKHOE LOADERS - SIDE SHIFT

SPECIAL APPLICATIONS

RAIL-ROAD EXCAVATORS

GOVERNMENT & MILITARY

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