DESIGN & CONCEPT MADE IN **JAPAN**

130TH ANNIVERSARY

KATO

SKID LOADER
AS29R

- Bucket with floating function
- Oversized filter 180 L
- Hydraulic pump in cast iron
- Maximum HF flow rate 135 L / min
- Assisted cab lifting
- Flag opening of the radiator
- Digital controls

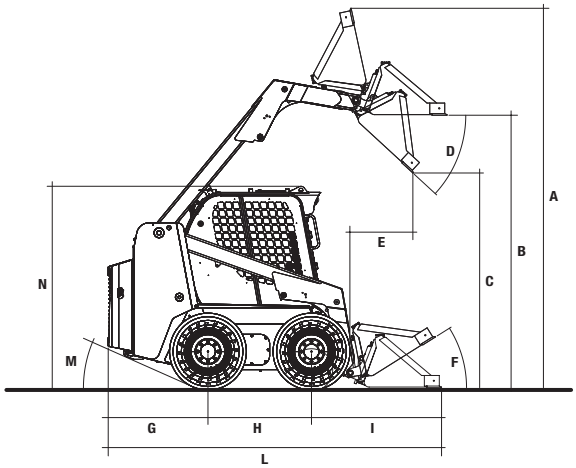


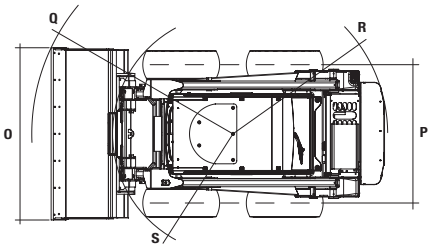
COMPACT, POWERFUL AND RELIABLE

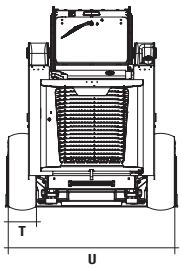
Warranty extension up to 5 YEARS with MAMOT programme

DIMENSIONS AND LIFTING











A	Maximum operating height with the bucket completely lifted	3803 mm
B	Maximum height at pin with bucket fully raised	2731 mm
C	Unloading height	2152 mm
D	Maximum height unloading angle	43°
E	Outreach at unloading with bucket at full height	631 mm
F	Rollback angle of the bucket on the ground	32°
G	Rear overhang	1002 mm
H	Pitch	1038 mm
I	Bucket front overhang	1308 mm
L	Max. length with std bucket	3347 mm
M	Rear departure angle	24°
N	Transport height	2025 mm
O	Bucket width	1727 mm
P	Gauge	1387 mm
Q	Front clearance radius with std bucket	2017 mm
R	Rear clearance radius	1552 mm
S	Front clearance radius	1201 mm
T	Tyre width	283 mm
U	Width to tyres	1670 mm





SPECIFICATIONS

GENERAL PERFORMANCE	
Operating weight	2995 kg
Weight when delivered with the bucket	2920 kg
Operating load	800 kg
Tipping load	1588 kg
Bucket cylinders breakout force	20.29 kN
ENGINE	
Engine manufacturer	HYUNDAI
Model	D24 Stage V
No. of cylinders and displacement	4 / 2392 cc direct injection
Rated output	55.4 kW / 2200 rpm
Maximum torque	320 Nm / 1600 rpm
Battery	12V 680A 74 Ah
Fuel consumption (100% - 70% rated output)	14.4 L / h - 10.5 L / h
Air Cooling / Supply	water / turbo intercooler
HYDRAULIC SYSTEM	
Maximum auxiliary system capacity	68.2 L / min
Maximum hydraulic circuit pressure	210 bar
Maximum Hi Flow system capacity	135 L / min
Max. Hi Flow system pressure	210 bar
Maximum travel speed	11.3 km / h
BUCKET PERFORMANCE	
Standard bucket width	1727 mm
Levelled bucket capacity	0.3 m^3
Full bucket capacity	0.4 m^3
Levelled load mass (mat. density 2000kg/m^3)	600 kg
Full load mass (mat. density 2000kg/m^3)	800 kg
CAPACITY	
Engine oil	8.6 L
Chain oil (for tank)	9 L
Cooling system	9 L
Fuel tank capacity	64 L
Hydraulic tank capacity	38 L
OTHER DATA	
Sound power level (outside)	101 dB
ROPS structure	compliant with EN 3471
FOPS structure	compliant with EN 3449 Lev. I
Tyres	10- 16.5
Throttle control	manual (display/potentiometer)

Facilitated maintenance, in safety and in every situation:
hydraulically assisted cab and boom lift
even at a standstill.



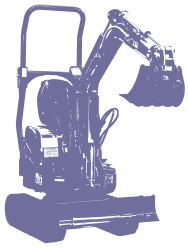
EQUIPMENT

FRAME	
Rear security door	●
4 lifting points and transport anchors set-up	●
Mechanical locking device of the lifting arm	●
Semi-pneumatic wheels 30x10 - 16	○
Road circulation validation kit	○
ENGINE	
Air filter with double filtrating element and clogging electrical indicator	●
Air-water-oil radiator with openable hinged water expansion tank	●
Buzzer and reverse alarm	●
HYDRAULIC SYSTEM	
Brakes and transmission locking system	●
Pilot-operated hydrostatic transmission	●
Negative hydraulic parking brake on both traction engines	●
Oil filter with clogging indicator	●
Arm “float” function	●
Aux. hydraulic system Two-way	●
Aux. hydraulic system HF	●
Self-levelling system of accessories during arm lifting	●
CAB SPACE	
Tipping cab compliant with standard CE ROPS-FOPS Level I	●
Front cab-door glass closing kit with wipers and washing system	○
Heating system kit	○
Air conditioning kit	○
FOPS Level II	○
Internal ceiling light fixture	●
Rear, removable window for safety exit	●
Handles for ascent	●
Auxiliary 12V outlet	●
DRIVER’S SEAT	
Safety bar with arm support	●
Adjustable spring seat	●
Adjustable, self-winding seat belt	●
Pilot-operated hydraulic joystick controls	●
Removable cover to clean the floor	●
INSTRUMENTS AND CONTROL	
Indicators: fuel level-engine water temperature	●
Hour meter	●
Key ignition	●
Warning lights: engine coolant temperature, hydraulic oil temperature, engine oil pressure, battery charge, glow plug preheating	●
Air filter clogging control warning light	●
Hydraulic oil filter clogging control warning light	●
Floating on-off switch	●
Parking brake on-off switch	○
Front and rear work light switch	●
Rear windscreen wiper switch	●
ACCESSORIES	
Accessories self-levelling kit (ascent)	●
Foot throttle kit	○
Pallet fork	○
Snowplough blade	○
Sweeper with collection bucket	○
Industrial sweeper	○
Mixing bucket	○
Asphalt milling cutter	○
4-in-1 dosing blade	○
Adjustable blade	○

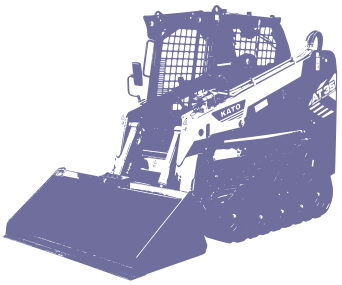
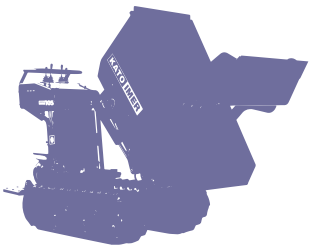
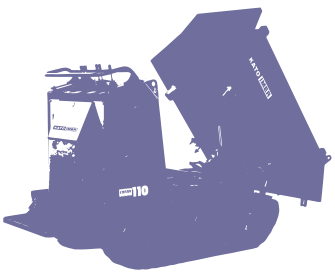
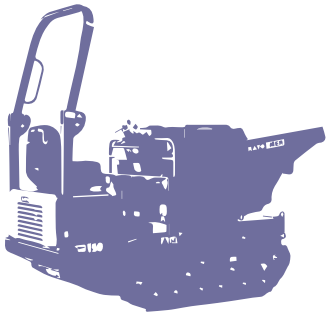
● standard ○ optional

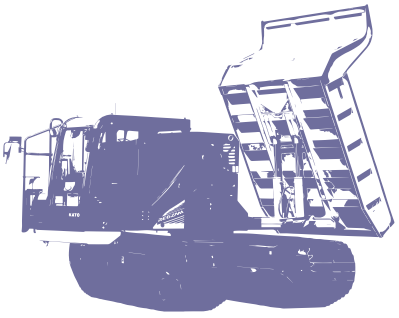
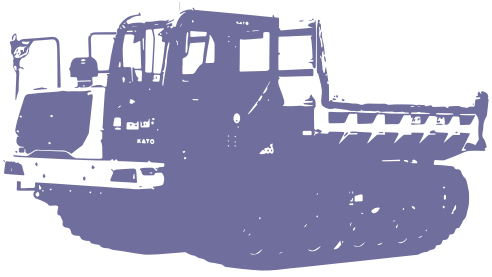
KATO IMER S.p.A. reserves the right to make any data and measurement changes without prior notice.

SINCE 1895: ALL-ROUND





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