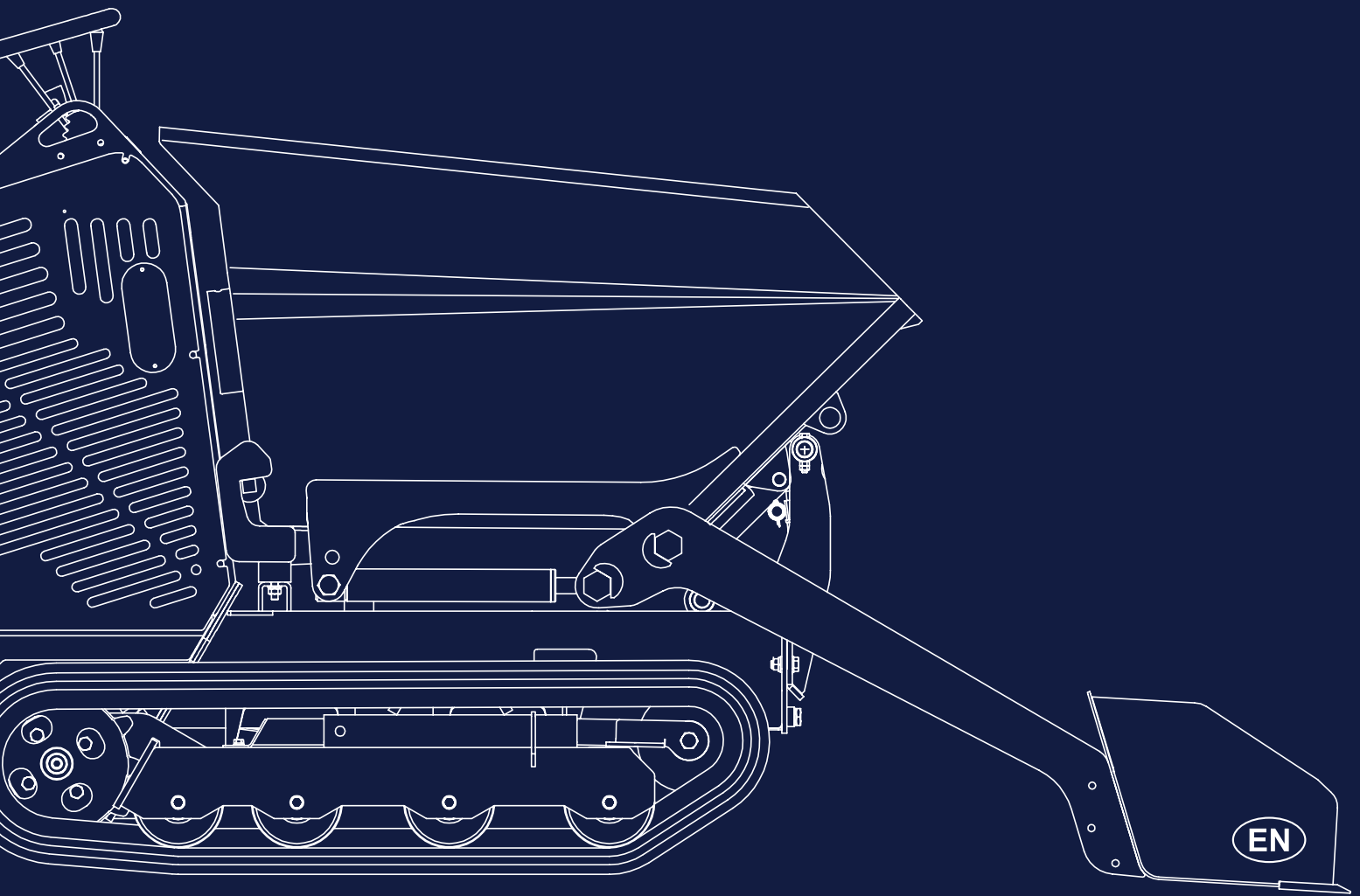


# MINI-DUMPERS

## 400 / 2500 KG

CARRY105  
CARRY105ep  
CARRY107  
CARRY107ht  
CARRY110  
CARRY150  
CARRY250



# CARRY105

## AGILITY AND VERSATILITY

The new Carry 105 mini-dumper is a highly agile and versatile machine, designed to handle materials in warehouses and greenhouses and especially suitable for use in nurseries and agriculture.

Extremely compact dimensions and limited weight of 290 kg (with skip); guaranteed high-level performance



### ENGINE

The Carry 105 mini-dumper has a Honda 4.7 kW rpm petrol engine with pull-cord starter.



### SAFETY AND STANDARDS

The engine is a low noise version which meets established noise pollution standards. The engine is mounted on vibration dampers to significantly reduce the amount of vibration transmitted.



### LIMITED WEIGHT

The Carry 105 is smallest mini-dumper in the range. Designed to satisfy all worksite requirements.



### FULL ACCESSIBILITY

The amount of oil in the machine's hydraulic circuit is such to allow long intervals between servicing. All parts requiring inspection and servicing are easily accessible.



### A SMALL, VERSATILE MACHINE

The Carry 105 can be equipped with a wide range of accessories to meet a various requirements: skip for construction, self-loading shovel, bed with opening sides. Replacing the equipment is quick and easy. The self-loading bucket kit is removable.



### STCS TRACK TENSIONING

The innovative STCS (Self Tension Crawler System) track system ensures the rubber tracks are always perfectly tensioned, easily adjusted via a bolt on the lower carriage.

### PARKING BRAKE

The manual parking brake prevents the drive from running by mechanically locking the LH wheel.



Loading bed with closed sides dim.  
LxPxH 900 x 620 x 200 mm

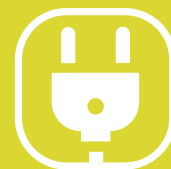
### TRAVELLING SPEED

The 690 mm undercarriage with large-size sprocket and 3 rollers on either side means that the Carry 105 is perfectly at home on all kinds of terrain, including steep gradients. The travel speed of 0- 2.5 km/h guarantees maximum operating capability and top grade performance. The triple fixed-displacement pump allows simultaneous linear travel and accessory movement.

## TECHNICAL FEATURES

Engine	Honda GX200 petrol (4.7 kW / 3600 rpm)
Machine weight with skip with shovel	345 kg
Machine weight with bed with opening sides	305 kg
Basic machine weight	240 kg
Operating load	500 kg
Speed	0 / 2.5 km / h
Skip capacity	0.22 m <sup>3</sup>
Loading bed (sides closed) dim. LxPxH	900 x 620 x 200 mm
Max allowed slope when empty <small>(guide with operator on the ground, where applicable)</small>	20° - 36% <small>(variable based on the configuration)</small>
Max allowed slope when loaded <small>(guide with operator on the ground, where applicable)</small>	11° - 20% <small>(variable based on the configuration)</small>

# CARRY105 electricpower



## ECOLOGICAL WITHOUT COMPROMISE

The electric power Carry105 mini-dumper is the ideal solution to satisfy the requirements of handling materials in closed spaces such as greenhouses, nurseries and in agriculture and for all sensitive places such as schools, hospitals and in rooms with little ventilation, where it is essential to work without gases, fumes or noise.



Skip capacity 0.22 cubic metres of material

It can handle 20% slopes even with a full load.

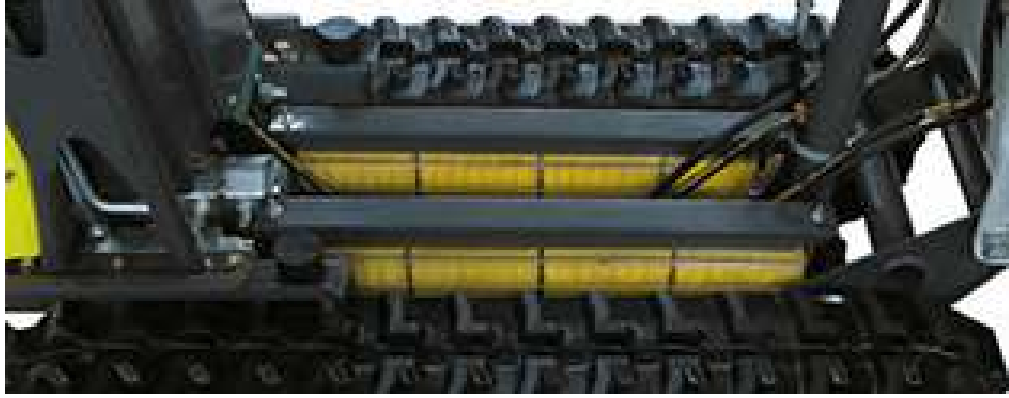


The **CARRY 105 ELECTRIC POWER** was awarded the **2012 Edition INTERMAT INNOVATION AWARD** in the "Sustainable development" category as an innovative product, eco-friendly mini-dumper with unique features in the global overview in its category.

**MINI-DUMPERS 400 / 2500 KG**

## ELECTRIC MOTOR

Equipped with a DC electric motor coupled with a hydraulic pump, it ensures a maximum drive speed of 2km/h. A selector allows you to set two user modes ("Normal" - "Fast") for better manoeuvrability and reduced consumption.



## LITHIUM IRON PHOSPHATE BATTERIES

Lithium iron phosphate battery technology (Li-Fe-PO) is in wide use in vehicle power applications, and provides a very high charging capacity combined with a high number of charge cycles. It is fast charging with full power output, even on a low charge, the batteries are light and require zero maintenance compared to conventional lead acid batteries. To optimise their performance, life, full and partial recharging, during shift breaks, operation is controlled by the electronic BMS (battery management system), complete with a display for diagnostics, continuous function monitoring, and residual battery charge check.



## ECO-FRIENDLY

With a maximum width of 690mm, the Carry 105 electric power gains access to previously inaccessible spaces. It is ideal for working in restricted interiors where it can pass through standard doors to reach hard-to-access internal gardens and courtyards. The complete lack of polluting emissions and very low noise levels protect both the operator and the environment. It is ideal for use in city centres, beaches, tunnels, public parks, greenhouses and all areas with limited ventilation.





## TACKLES ANY SLOPE

Thanks to the undercarriage, the large driving sprocket and 3 track rollers per side, the Carry105 electric power is completely at ease on any terrain, including tough slopes, steps and ramps.



## SIMPLE, INTUITIVE CONTROLS

The control console is simple and intuitive. The control lever protection bar is a convenient armrest for the operator, while the control levers are connected directly to the control valve to ensure an accurate, progressive response.



## OUTSTANDING SAFETY STANDARDS

Safety was a primary concern in developing both the electronics and design, in full compliance with international safety regulations.



## A VERSATILE MACHINE FOR ALL TYPES OF USE

The Carry105 electric power can be equipped with a wide range of accessories to meet various requirements: skip for construction, self-loading shovel, bed with sides. The equipment replacement system is quick and easy. The machine, even with its lithium batteries and integrated charger on board, is very compact with a width of just 690 mm and length 1600 mm, including the skip.

Since it can be charged off any single-phase power line, including domestic outlets, it is extremely autonomous and versatile.

**MINI-DUMPERS 400 / 2500 KG**



## HIGH EFFICIENCY AND FACILITATED ACCESS

The machine sets itself to stand-by when it is not working.

It has a robust, wear-resistant construction and combines high power with long service life.

Its modular component design makes maintenance quick and easy.

## INNOVATIVE CONCEPTS

This mini-dumper is based on an innovative concept, from the track tensioning system to the electrical controls and integrated battery charger.



## TECHNICAL FEATURES

Engine	Electric
Power	2.2 kW
Batteries	Lithium-Iron-Phosphate (Li-Fe-PO4) 90 Ah 36V rated batteries
Battery life (with self-loading shovel, according to KATO IMER cycle)	2.5 h
Operating load	400 kg
Basic machine weight	325 kg
Skip weight	50 kg
Skip weight with shovel	105 kg
Bed weight	65 kg
Speed	1.7 / 2 km / h
Skip capacity	0.22 m <sup>3</sup>
Max allowed slope when empty (guide with operator on the ground, where applicable)	20° - 36% (variable based on the configuration)
Max allowed slope when loaded (guide with operator on the ground, where applicable)	11° - 20% (variable based on the configuration)

# CARRY107

## FAST, SAFE, TIRELESS

The Carry 107 mini-dumper is the ideal solution to transport and handle various types of materials on the worksite and in difficult to access locations.



The self-loading shovel can transfer all sorts of material, such as rubble, earth, and aggregate, into the skip quickly and safely, with minimum operator effort



### ENGINE OPTIONS

The Carry107 is equipped with a Honda 6.3 or 8.7 kW petrol engine with recoil or electric start. There is also the option of a Yanmar 7.4 kW diesel engine, with electric start, for reduced fuel consumption and longer operating periods between refuelling stops. The Carry107 is equipped as standard with a hydraulic power take-off providing a flow rate of 14 litres/min. It can be used to use hydraulic tools and accessories like the concrete mixer kit. The engine is completely protected and enclosed between fixed side panels and a removable front bonnet.

### TACKLES ANY SLOPE

Thanks to the large undercarriage, the large driving sprocket and 4 track rollers per side, the Carry107 is completely at ease on any terrain, including tough slopes, steps and ramps. Two travel speeds ensure maximum operating efficiency even on very large sites.





### DESIGNED WITH THE OPERATOR IN MIND

The steering handle is mounted on dampers to reduce the vibration transmitted to the arms and upper body, ensuring total operator comfort. Even the structure of the spring-damping footplate prevents vibrations from being transmitted to the body. The footplate conveniently folds out of the way when the machine is operated from the ground to prevent accidental contact with the operator's legs. When the machine is driven with the operator on board, the footplate is automatically locked in the open position to protect it from being closed accidentally.



### OPERATOR COMFORT

The reduced noise level enhances operator comfort and makes the machine suitable for use even in urban centres.

### HONDA HOUR METER/REV COUNTER KIT

Easily installed, this kit enables the operator to view the engine rpm when the engine is running. When the engine is stopped, the hour meter is displayed. It is available for both petrol and diesel versions.

### SAFETY AND STANDARDS

All the engines have reduced noise emissions. The engine is mounted on vibration dampers to significantly reduce the amount of vibrations transmitted. Integral bonnet panels prevent accidental contact with hot engine parts.



## A VERSATILE MACHINE FOR ALL TYPES OF USE

The Carry107 can be equipped with a wide range of accessories to meet various requirements: skip for construction, self-loading shovel, bed with opening sides, concrete mixer kit and levelling blade. The equipment coupling/uncoupling system is quick and simple.



## OPENING SIDES

The version with a bed  
has a surface of  
1240 x 1290 mm



## SIMPLE, INTUITIVE CONTROLS

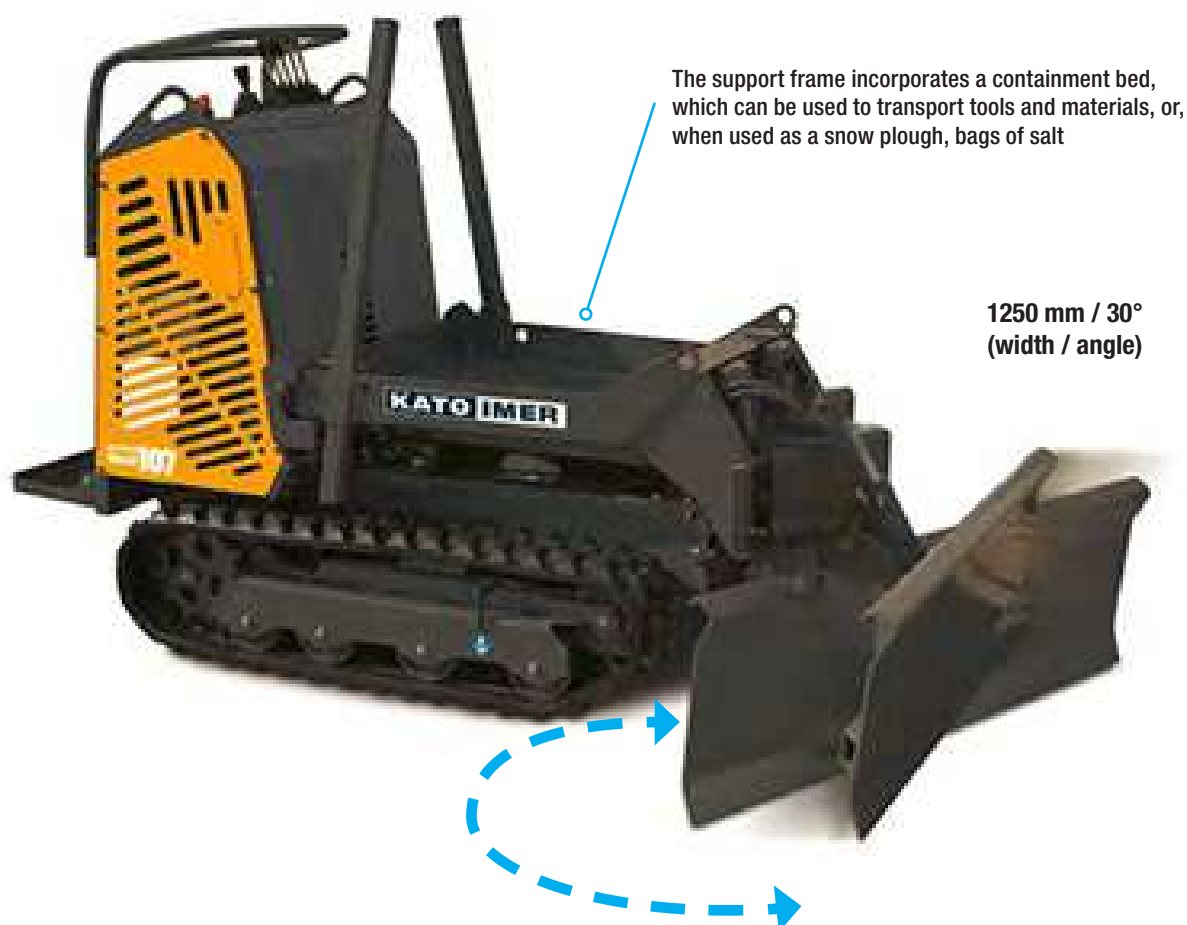
The control console is simple and intuitive. The control lever protection bar is a convenient armrest for the operator, while the control levers are connected directly to the control valve to ensure an accurate, progressive response.



## EXTENDIBLE UNDERCARRIAGE

## FRONT LEVELLING BLADE

The front blade is a multifunctional interchangeable accessory suitable for levelling earth and agglomerates. The option of tilting the blade by 30° on either side and horizontal swing with spring return makes it particularly suitable for clearing snow. The blade can be raised 230 mm from the ground, controlled hydraulically from the driver's seat. Adjusting the lateral tilt angle of the blade is a very simple manual operation. The equipment comes with two sliding supports which enable it to be detached from the mini-dumper with no need for additional lifting equipment.



## TECHNICAL FEATURES

Engine options	Honda GX270 petrol (6.3 kW / 3600 rpm) Honda GX270-AE petrol (6.3 kW / 3600 rpm) Honda GX390-AE petrol (8.7 kW / 3600 rpm) Yanmar L100N-AE diesel (7.4 HP / 3600 rpm)
Machine weight with skip and shovel	560 kg (petrol)
Machine weight with concrete mixer and shovel	600 kg (petrol)
Machine weight with bed with opening sides	510 kg (petrol)
Machine weight with front levelling blade	550 kg (petrol)
Operating load	700 kg
Speed	2.3 / 3.2 km / h
gauge (hydraulic variable gauge)	760 / 1060 mm
Skip capacity	0.33 m <sup>3</sup>
Max allowed slope when empty <small>(guide with operator on the ground, where applicable)</small>	20° - 36% <small>(variable based on the configuration)</small>
Max allowed slope when loaded <small>(guide with operator on the ground, where applicable)</small>	11° - 20% <small>(variable based on the configuration)</small>
Concrete mixer kit volume	250 / 190 L (total / yield)
Bed with opening sides dimensions	990 x 790 x 200 / 1240 x 1290 mm (closed sides / open sides)
Blade features	1250 mm / 30° (width / angle)
Applicable tools (Hi-Flow version)	demolition hammer, hydraulic drill, dirty water pump

# CARRY107ht

SKIP WITH SHOVEL

## EVEN MORE VERSATILE

The Carry 107ht is ideal for transporting and handling materials. The "hi-tip" kit helps empty the skip from above where desired, directly onto the lorry and into specific skips. The raised position of the skip makes the machine suitable for work on flat or moderately bumpy surfaces.



MINI-DUMPERS 400 / 2500 KG

## VERSATILITY

The Carry 107ht mini-dumper in the standard skip + self-loading shovel version is particularly versatile when used by a single operator, who is able to quickly and effortlessly load and dump material directly onto transport vehicles.



## TECHNICAL FEATURES

Engine options	Honda GX270 petrol (6.3 kW / 3600 rpm)
	Honda GX270-AE petrol (6.3 kW / 3600 rpm)
	Honda GX390-AE petrol (8.7 kW / 3600 rpm)
	Yanmar L100N-AE diesel (7.4 HP / 3600 rpm)
Machine weight with skip and shovel	685 kg (petrol)
Operating load	700 kg
Speed	2.3 / 3.2 km / h
Standard hydraulic variable gauge	760 / 1060 mm
Skip capacity	0.33 m <sup>3</sup>
Max allowed slope when empty <small>(guide with operator on the ground, where applicable)</small>	15 - 26% <small>(variable based on the configuration)</small>
Max allowed slope when loaded <small>(guide with operator on the ground, where applicable)</small>	7° - 12% <small>(variable based on the configuration)</small>
Applicable tools (Hi-Flow version)	demolition hammer, hydraulic drill, dirty water pump



# CARRY110

## A WIDE RANGE OF ACCESSORIES

The CARRY 110 is equipped with an independent dual circuit hydrostatic transmission with variable displacement axial piston pump and dual displacement axial piston hydraulic engine for each track. The mechanical negative hydraulic parking brake ensures the machine remains locked even on steep slopes.

The ergonomic position of the hydraulic servo commands allows the operator to drive the machine safely on difficult terrain

Standard power take-off with one-way or two-way motion and flow rate increased to 26 L / min. It is possible to use it with accessories such as the concrete mixer or the multifunction arm kit, or with various hydraulic and manual tools such as hammer, pumps, and drill



### YANMAR 14.4 KW ENGINE

The Carry 110 features a Yanmar TNM68 Tier 4 diesel 14.4 kW engine. The diesel fuel filter is equipped with a water separator and a cartridge air filter with clog indicator, which protect the engine from damage or premature wear.

## VERSATILE FOR MANY USES

One of the Carry 110's strengths is its versatility, thanks to the range of accessories it can use such as: the skip for construction, the concrete mixer kit, the levelling blade, the unloading bed with trilateral unloading and bucket multifunction arm, the hammer, the sweeper, and the grass cutter.

## IDEAL FOR STEEP SLOPES

Thanks to the length of the tracks and to the 4 roll support on both sides, the machine is able to easily and safely move loads even on impracticable ground at full load up to a maximum slope of 20°.

The self-loading shovel reduces working time



Standard power take-off with one-way or two-way motion and flow rate increased to 26 L / min



## OPERATOR AND COMFORT

The steering handle is mounted on dampers to reduce the vibration transmitted to the arms and upper body, ensuring total operator comfort. Even the structure of the spring-damping footplate prevents vibrations from being transmitted to the body. The footplate conveniently folds out of the way when the machine is operated from the ground to prevent accidental contact with the operator's legs. When the machine is driven with the operator on board, the footplate is automatically locked in the open position to protect it from being closed accidentally.



## USER-FRIENDLY CONTROL CONSOLE

The control console is well placed and easily accessible. All function indicators are protected, however, the operator can see it well from any position. The electrical panel is separated from the dashboard.



## SAFETY AND STANDARDS

In compliance with the existing regulations, safety is ensured by an engine with contained emissions mounted on dampers to minimise vibrations transmitted to the supporting frame, and by the engine compartment insulated with panelling to prevent accidental contact with hot or moving surfaces.

### TRILATERAL SKIP

The accessory is suitable for transporting construction and bulky materials, for transporting and unloading materials for the consolidation of roads, with the option of unloading even partially at the points involved without having to carry out positioning manoeuvres. This accessory is not suitable for transporting sandy material or fine-grained soil.

Inner dimensions of the unloading bed  
1300 x 970 x 350 mm (D x L x H)



### EVEN MORE VERSATILE

Besides having opening sides, the version with a loading bed allows the bed to tip on all 3 sides.



### SKIP FOR CONSTRUCTION

The ideal solution for transporting loose materials, such as demolition debris from confined areas to the collection point, construction materials from the unloading or storage point to the site where they will be used that cannot be reached by other means. The operation can be carried out by just one operator.

MINI-DUMPERS 400 / 2500 KG

### CONCRETE MIXER KIT

The accessory is perfect for mixing reduced quantities of construction conglomerates and transporting them to the site where they are used, even and above all when done occasionally. Excellent for reconstruction work, where small quantities of concrete are needed even in positions that are distant from each other. Versatile for loading various materials stored in locations that are distant from each other. The mixing operation can be carried out by a single operator and can continue even while moving, saving a great deal of manpower and working time.



### TECHNICAL FEATURES

Electric	Yanmar 3TNM68 diesel water-cooled 3-cylinder (14.4 kW / 3600 rpm)
Machine weight with skip and shovel	900 kg
Machine weight with concrete mixer and shovel	968 kg
Machine weight with trilateral skip	930 kg
Skip with shovel operating load	1000 kg
Concrete mixer with shovel operating load	1000 kg
Trilateral skip operating load	1000 kg
Speed	2.6 / 4.0 km / h
Skip capacity	0.50 m <sup>3</sup>
Max allowed slope when empty <small>(guide with operator on the ground, where applicable)</small>	20° - 36% <small>(variable based on the configuration)</small>
Max allowed slope when loaded <small>(guide with operator on the ground, where applicable)</small>	11° - 20% <small>(variable based on the configuration)</small>
Standard auxiliary one-way/two-way motion	power take-off
Concrete mixer kit volume	350 / 280 L (total / yield)
Trilateral unloading bed	1300 x 970 x 350 mm
Fork dimensions	1060 x 850 x 965 mm
Standard bucket width	874 mm
Bucket capacity	0.1 m <sup>3</sup>

# CARRY150

## VERSATILITY FOR EVERY TYPE OF USE

Independent dual circuit hydrostatic transmission with variable displacement axial piston pump and dual displacement axial piston hydraulic engine for each track.



ROPS operator protection

Battery housing  
under engine bonnet

MINI-DUMPERS 400 / 2500 KG



### FRONT TIPPING SKIP WITH (WITHOUT) SELF-LOADING SHOVEL

Loading bucket with automatic opening-closing, easily removable hatch.

The loading shovel, integrated into the bucket, allows the operator to manoeuvre safely; moving it fills the bucket completely.



### TRILATERAL BED

Loading bed with hydraulic lifting on the three sides controlled by a single-lever distributor.

The elevated front tipping angle allows for ideal unloading even uphill.

Manually move the reference pin to select the type of unloading.



Bed inner dimensions  
1500x1000x350 mm



### KUBOTA 15.2 KW ENGINE

The engine, abundantly oversized for the machine features, is housed under a large bonnet that can be opened and allows easy and convenient access to all the transmission, engine, and hydraulic system parts for safe, proper maintenance.



### SIMPLE, INTUITIVE CONTROLS

Two electrically selectable speeds. Servo-assisted control hydrostatic pumps. Hydrostatic steering with the option of countersteering around the centre of the machine. Negative hydraulic mechanical parking brake.

### DESIGNED WITH THE OPERATOR IN MIND

Operator seat in central rear position with damped, adjustable seat; access from both sides.





#### 180° SWIVELLING SKIP

Bucket with 180° trilateral unloading with hydraulic lift and swivel. Locking valve on swivel. The rounded shapes are particularly suited to handling inert materials, soil and other resulting materials.



#### HI-TIP SKIP

Variable height front loading/unloading bucket. The scissor lifting structure that can be raised up to 1.9 m makes it possible to unload even onto large containers and lorries.

ROPS-FOPS operator protection

Unloading height 1900 mm





### CONCRETE MIXER KIT

Concrete mixer with adjustable rotation speed to optimise the mixture. The barrel is lifted hydraulically for safe, complete unloading. The loading shovel, integrated into the mixing barrel lifting frame, allows it to be filled conveniently and safely.

### TANK FOR LIQUIDS



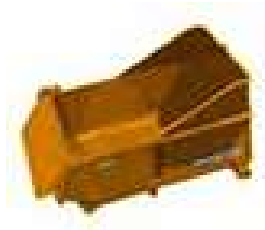
### UNDERCARRIAGE

Modular structure frame made of a drive unit installed on a single frame to receive various equipment. Oscillating roller undercarriage with rubber tracks suitable for high speeds. The considerable height from the ground allows the machine to move easily over unpaved roads and particularly rugged terrain.



**MINI-DUMPERS 400 / 2500 KG**

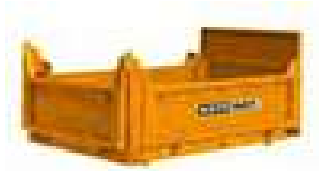
SKIP FOR CONSTRUCTION



SELF-LOADING SHOVEL



TRILATERAL BED



180° SWIVELLING SKIP



HI-TIP SKIP



CONCRETE MIXER WITH SELF-LOADING SHOVEL



TANK FOR LIQUIDS



## TECHNICAL FEATURES

### CARRY150 Trilateral bed

Engine	Kubota D902 diesel water-cooled 898 cc 3-cylinder (15.2 kW / 3200 rpm)
Undercarriage weight	860 kg
Operating weight without shovel	1180 kg
Operating load	1500 kg
Loading capacity: struck / heaped (SAE standard)	0.52 / 0.69 m <sup>3</sup>
Battery	12 V - 60 Ah
Transmission	hydrostatic
Variable capacity piston transmission pumps	2 x 28 L / min
Gear service pump	1 x 20 L / min
Max service operating pressure	170 bar
Hydraulic power take-off	20 L / min - 170 bar (std.)
Maximum speed	4 / 7.5 km / h
Max allowed slope when empty <small>(guide with operator on the ground, where applicable)</small>	32° - 62% <small>(variable based on the configuration)</small>
Max allowed slope when loaded <small>(guide with operator on the ground, where applicable)</small>	32° - 62% <small>(variable based on the configuration)</small>
Steering system	independent tracks
Rubber track tensioning	spring + adjustment screw type
Track width	230 mm
Empty / loaded specific ground pressure	0.20 / 0.47 kg / cm <sup>2</sup>
Fuel tank capacity	24 L
Hydraulic oil tank capacity	25 L



# CARRY250

## TRACKED TRANSPORT VEHICLE FOR ALL TERRAINS

Independent dual circuit hydrostatic transmission with variable displacement axial piston pump and dual displacement axial piston hydraulic engine for each track.

Wide skip (1350 L) with  
unloading by swivelling  
the bucket 180°

ROPS operator protection that  
folds away to the front

180° swivelling seat

High tipping angle

1230 mm gauge

MINI-DUMPERS 400 / 2500 KG



### LONG-LIFE TRACKED CARRIAGE

Tracked carriage on load-bearing rollers supported by "long-life" tapered roller bearings.



### HYDRAULIC POWER TAKE-OFF

Optionally, a 36 L/min flow rate at 170 bar pressure hydraulic power take-off can be installed on the machine.



### FRONT LEVELLING BLADE

The front blade is a multifunctional interchangeable accessory suitable for levelling earth and agglomerates.



The controls are entirely servo-assisted, with joysticks installed on the seat armrests. The seat swivels 180° to keep the operator always facing in the same direction as the machine is going.

A special electro-hydraulic device allows the operator to keep the joystick control direction the same as the direction of travel, regardless of what direction the seat is facing.

Two electrically selectable speeds.

Hydrostatic steering with the option of countersteering around the centre of the machine.

Negative hydraulic control mechanical parking brake to park on steep slopes; activating it intercepts the lever piloting signal.





### FRAME

Modular structure frame made of a drive unit installed on a single frame to receive various equipment. Oscillating axis undercarriage with rubber tracks suitable for high speeds. The considerable height from the ground allows the machine to move easily over unpaved roads and particularly rugged terrain.

### TRACKS

Rubber tracks 320 mm wide with a total span of 1230 mm. The steering system is hydrostatic with independent tracks.



### GOOD CLEARANCE FOR EASE OF MAINTENANCE

Bonnet that can be fully opened to facilitate maintenance.  
Good clearance around the pump for the purpose of maintenance.  
Battery in a position where it can be easily accessed and replaced.





## ACCESSORIES

The bed has a capacity of 1.35 m<sup>3</sup> and can turn 180° and tilt at an angle of 87° for unloading.

The front unloading platform measures 1400 x 1702 mm on the inside and can tilt at a maximum angle of 80° for unloading

## TECHNICAL FEATURES

### CARRY250 180° swivelling skip

Engine	Kubota D2403M diesel water-cooled 2434 cc 4-cylinder (35.6 kW / 2600 rpm)
Max torque at 1600 rpm	16.3 daNm
Operating weight	2400 kg
Operating load	2500 kg
Loading capacity: struck / heaped (SAE standard)	1.05 / 1.35 m <sup>3</sup>
Transmission	hydrostatic
Variable capacity piston transmission pumps	2 x 71 L / min
Gear service pump	1 x 43 L / min
Max travel operating pressure	330 bar
Max service operating pressure	175 bar
Maximum speed	5.5 / 11 km / h
Max allowed slope when empty <small>(guide with operator on the ground, where applicable)</small>	35° - 70% <small>(variable based on the configuration)</small>
Max allowed slope when loaded <small>(guide with operator on the ground, where applicable)</small>	35° - 70% <small>(variable based on the configuration)</small>
Independent track steering system	hydrostatic
Rubber track tensioning	grease
Track width	320 mm
Empty / loaded specific ground pressure	0.244 / 0.499 kg / cm <sup>2</sup>
Fuel tank capacity	55 L
Hydraulic oil tank capacity	30 L

# features

	105	105EP	107
<b>FLOW RATE</b>			
Operating load	500 kg	400 kg	700 kg
<b>FEATURES AND DIMENSIONS</b>			
Width (fixed undercarriage)	690 mm	690 mm	760 mm
Width (variable undercarriage)	-	-	760 / 1060 mm
Undercarriage length	1215 mm	1215 mm	1400 mm
Length with skip/shovel	1586 mm	1653 mm	1820 / 2480 mm
Height to controls	1132 mm	1132 mm	1320 mm
Minimum ground clearance	75 mm	75 mm	100 mm
Track tensioner	spring	spring	spring
Rollers per side	3	3	4
Width of rubber tracks	180 mm	180 mm	180 mm
Length of tracks	1120 mm	1120 mm	1250 mm
<b>ENGINE</b>			
Engine options - Power rating	Honda GX200 petrol (4.7 kW / 3600 rpm)	DC, continuous duty, ventilated, electronically controlled (2.2 kW / 2500 rpm)	Honda GX270 petrol (6.3 kW / 3600 rpm)
	-	-	Honda GX270-AE, petrol (6.3 kW / 3600 rpm)
	-	-	Honda GX390-AE, petrol (8.7 kW / 3600 rpm)
	-	-	Yanmar L100N-AE, diesel (7.4 kW / 3600 rpm)
Travel speeds 1°-2°	2.5 km / h	1.7 / 2 km / h (normal / fast)	2.3 / 3.2 km / h (1° / 2°)
Max allowed slope when empty (guide with operator on the ground, where applicable)	20° - 36%	20° - 36%	20° - 36%
Max allowed slope when loaded (guide with operator on the ground, where applicable)	11° - 20%	11° - 20%	11° - 20%
<b>HYDRAULIC SYSTEM</b>			
Controls	DCS (Direct Control System)	DCS (Direct Control System)	DCS (Direct Control System)
Variable displacement pumps	-	-	-
Variable capacity set pressure	-	-	-
Fixed displacement gear pumps	10 L / min x 2 + 7,5 L / min	9 L / min x 2	14 L / min x 3
Set pressure	13.7 MPa (140 kgf / cm²)	13.7 MPa (140 kgf / cm²)	14.6 MPa (150 kgf / cm²)
Hydraulic tank capacity	15 L	15 L	17 L
System capacity	-	-	22 L
Auxiliary one-way power take-off (Std)	-	-	14 L / min - 13.7 MPa (140 kgf / cm²)
Auxiliary one-way Hi Flow power take-off (Opt)	-	-	26 L / min - 13.7 MPa (140 kgf / cm²)
Aux. two-way power take-off (Std)	-	-	-
Traction motor	Orbital	Orbital	Orbital
<b>ELECTRICAL SYSTEM</b>			
Lithium-Iron-Phosphate	-	Lithium-Iron-Phosphate (Li-Fe-PO4) 90 Ah 36V rated	12V - 60 Ah
Battery charger	-	on board	-
Charge time	-	1 h 60% 3 h 100% with equalisation	-
Battery life *	-	2h e 30min	-
Battery life indicator	-	residual and diagnostics	-
Speed control	-	electronic	-
<b>ACCESSORIES</b>			
Skip capacity	0,22 m³	0,22 m³	0.33 m³
Self-loading shovel	double arm	double arm	double arm
Loading bed (sides closed) dim. L x P x H	900 x 620 x 200 mm	900 x 620 x 200 mm	990 x 790 x 200 mm
Loading bed (sides open) dim. L x P	1120 x 1150 mm	1120 x 1150 mm	1240 x 1290 mm
Trilateral unloading bed	-	-	-
Total concrete mixer kit volume	-	-	250 L
Total concrete mixer kit yield	-	-	190 L
Self-loading shovel for concrete mixer	-	-	opt with concrete mixer
Levelling blade / snow plough (width)	-	-	1250 mm
Levelling blade tilt	-	-	30°
<b>WEIGHT</b>			
Basic machine without accessories	240 kg	325 kg	430 kg
Plus/E petrol machine	-	-	430 / 495 kg
13CV AE Plus/E petrol machine	-	-	450 / 515 kg
AE Plus/E diesel machine	-	-	485 / 550 kg
AE diesel basic machine	-	-	485 kg
Skip / with self-loading shovel	50 / 105 kg	50 / 105 kg	65 / 130 kg
Skip/shovel operating weight (excluding operator)	-	430 kg	-
Concrete mixer kit / with self-loading shovel	-	-	120 / 170 kg
Hi-Tip kit with skip and self-loading shovel	-	-	-
Bed with opening sides	65 kg	-	80 kg
Trilateral unloading bed	-	-	-
Levelling blade	-	-	120 kg
<b>APPLICABLE TOOLS (WITH HI-FLOW VERSION)</b>			
	-	-	Demolition hammer
	-	-	Hydraulic drill
	-	-	Dirty water pump

\* Battery life is measured with a KATO IMER standard cycle consisting in uninterrupted operation at "NORMAL" speed, ambient temperature 18°/20°C, driving on slightly sloping compacted ground.

**MINI-DUMPERS 400 / 2500 KG**



## 107HT

## 110

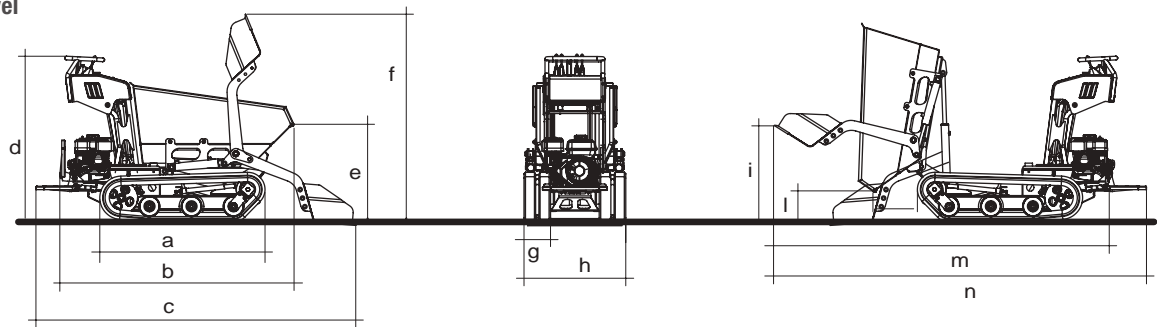
## 150

## 250

700 kg	1000 kg	1500 kg (1000 kg hi-tip)	2500 kg
760 mm	900 mm	1080 mm	1550 mm
760 / 1060 mm	-	-	-
1400 mm	1650 mm	1760 mm	2450 mm
1820 / 2590 mm	1915 / 2670 mm	3160 / 2585 mm	3660 mm
1320 mm	1320 mm	1450 mm	1560 mm
100 mm	160 mm	240 mm	200 mm
spring	spring	spring	grease
4	4	6	6
180 mm	200 mm	230 mm	320 mm
1250 mm	1450 mm	1100 mm	1319 mm
Honda GX270 petrol (6.3 kW / 3600 rpm)	Yanmar TNM68 diesel (14.4 kW / 3600 rpm) ISO 3046	Kubota D902 diesel Water-cooled 898 cc 3-cylinder (15.2 kW / 3200 rpm)	Kubota V2403M diesel Water-cooled 2434 cc 4-cylinder (35.6 kW / 2600 rpm)
Honda GX270-AE, petrol (6.3 kW / 3600 rpm)	-	-	-
Honda GX390-AE, petrol (8.7 kW / 3600 rpm)	-	-	-
Yanmar L100N-AE, diesel (7.4 kW / 3600 rpm)	-	-	-
2.3 / 3.2 km / h (1° / 2°)	2,6 / 4 km / h (1° / 2°)	4 / 7,5 km / h	5.5 / 11 km / h
15° - 26%	20° - 36%	32° - 62%	35° - 70%
7° - 12%	11° - 20%	32° - 62%	35° - 70%
DCS (Direct Control System)	Servo-assisted hydraulic control	Servo-assisted hydraulic control	Servo-assisted hydraulic control
-	2 x 25.2 L / min	2 x 28 L / min	2 x 71 L / min
-	21.6 MPa (220 kgf / cm²)	27 MPa (275 kgf / cm²)	32 MPa (326 kgf / cm²)
14 L / min x 3	16.2 + 12.2 L / min	1 x 20 L / min	1 x 43 L / min
14.6 MPa (150 kgf / cm²)	2 x 16.7 MPa (170 kgf / cm²)	17 MPa (173 kgf / cm²)	17,5 MPa (178 kgf / cm²)
17 L	19 L	25 L	30 L
22 L	25 L	-	-
14 L / min - 13.7 MPa (140 kgf / cm²)	-	-	-
26 L / min - 13.7 MPa (140 kgf / cm²)	-	20 L / min - 170 bar (std.)	36 L / min - 170 bar (opt.)
-	26 L / min - 14.7 MPa (150 kgf / cm²)	-	-
Orbital	Self-braking (parking) driving wheel (axial motor + reducer)	Self-braking (parking) driving wheel (axial motor + reducer)	Self-braking (parking) driving wheel (axial motor + reducer)
12V - 60 Ah	12V - 60 Ah	12V - 60 Ah	12V - 60 Ah
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
0.33 m³	0.42 (0.50) m³	0,80 m³	1,35 m³
double arm	double arm	double arm	-
990 x 790 x 200 mm	1500 x 1000 x 350 mm	1550 x 1080 x 425 mm	1550 x 1780 x 490 mm
1240 x 1290 mm	-	-	-
-	1300 x 970 x 350 mm	-	2350 x 1780 mm
250 L	350 L	360 L	-
190 L	280 L	290 L	-
opt with concrete mixer	opt with concrete mixer	with concrete mixer	-
1250 mm	-	-	1620 mm
30°	-	-	-
430 kg	690 kg	860 kg	2150 kg
430 / 495 kg	-	-	-
450 / 515 kg	-	-	-
485 / 550 kg	-	-	-
485 kg	690 kg	-	-
65 / 130 kg	140 / 210 kg	-	-
-	-	1280 / 1135 kg (with /without shovel)	2400 kg
120 / 170 kg	178 / 278 kg	320 kg	-
295 kg	-	1560 / 1420 kg (with /without shovel)	-
80 kg	240 kg	-	385 kg
-	-	320 kg	-
120 kg	-	-	170 kg
Demolition hammer	-	-	-
Hydraulic drill	-	-	-
Dirty water pump	-	-	-

# CARRY105

skip with shovel

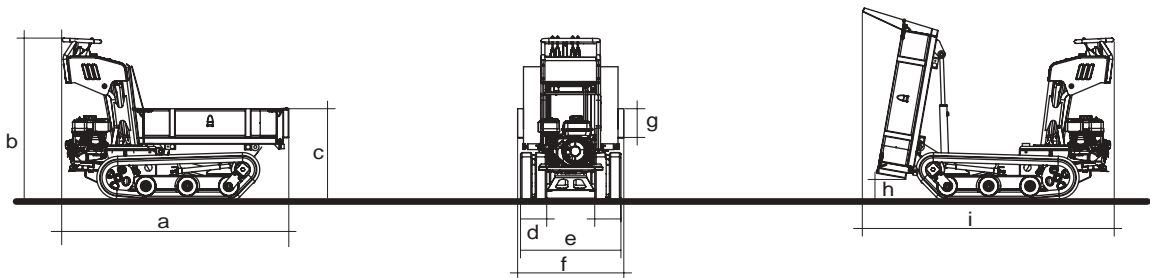


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n	
1141	1589	2167	1132	674	1433	180	690	671	220	2371	2533	

# CARRY105

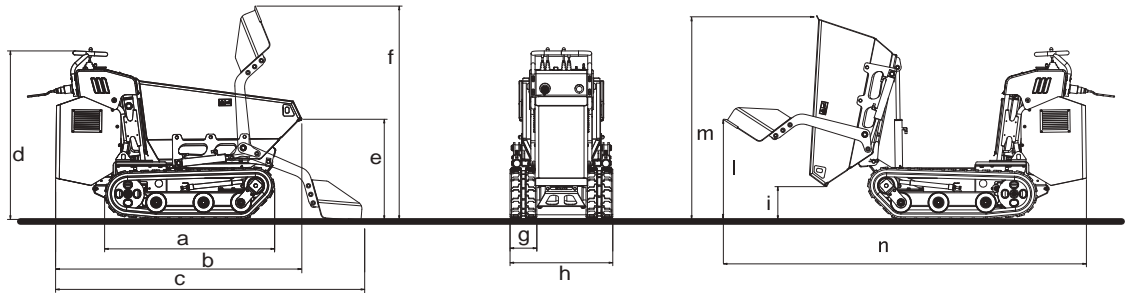
bed with opening sides



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	
1538	1124	641	180	690	780	200	185	1703	

# CARRY105ep

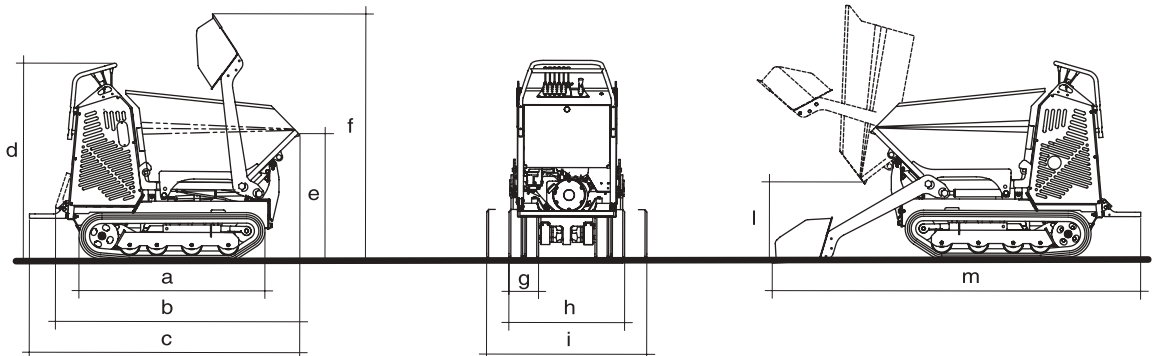


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n	
1141	1653	2175	1132	673	1432	180	690	220	671	1369	2438	

# CARRY107

skip with shovel

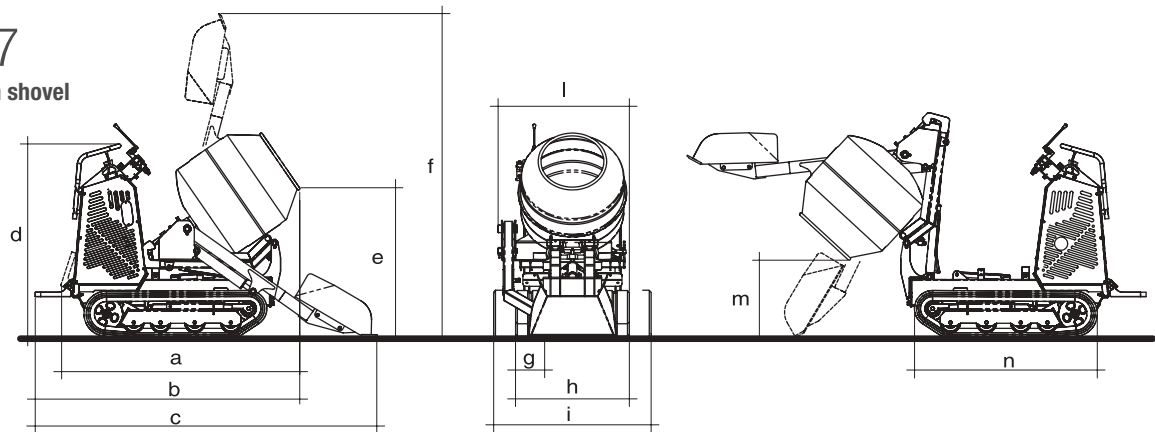


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	
1253	1647	1824	1336	863	1671	180	760	1060	519	2484	

# CARRY107

concrete mixer with shovel

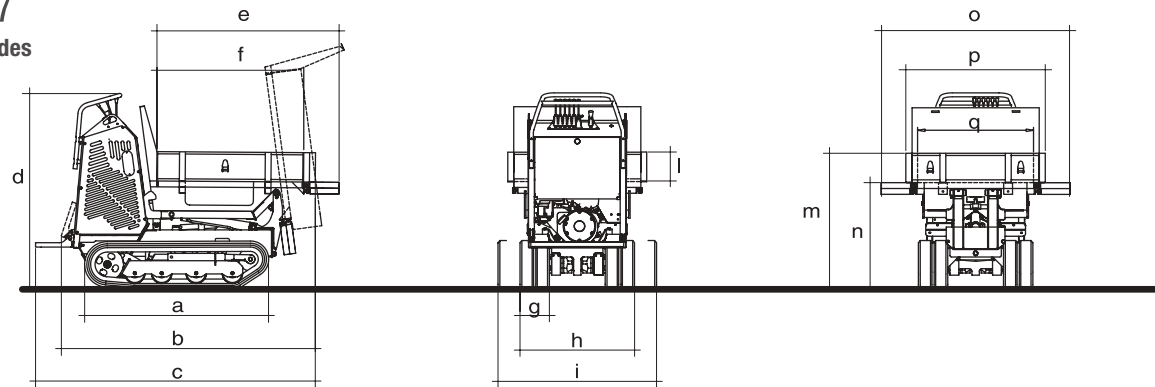


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n
1633	1814	2346	1336	1036	2230	180	760	1060	900	539	1253

# CARRY107

bed with opening sides

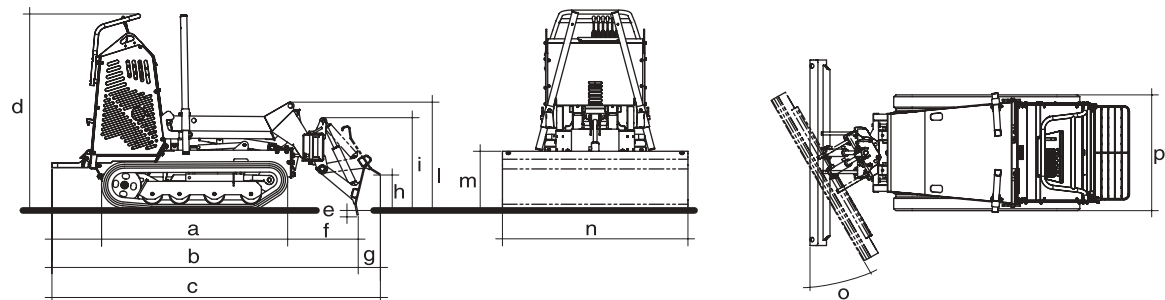


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n	o	p	q
1253	1730	1906	1336	1240	1000	180	760	1060	200	925	724	1290	960	790

# CARRY107

front levelling blade

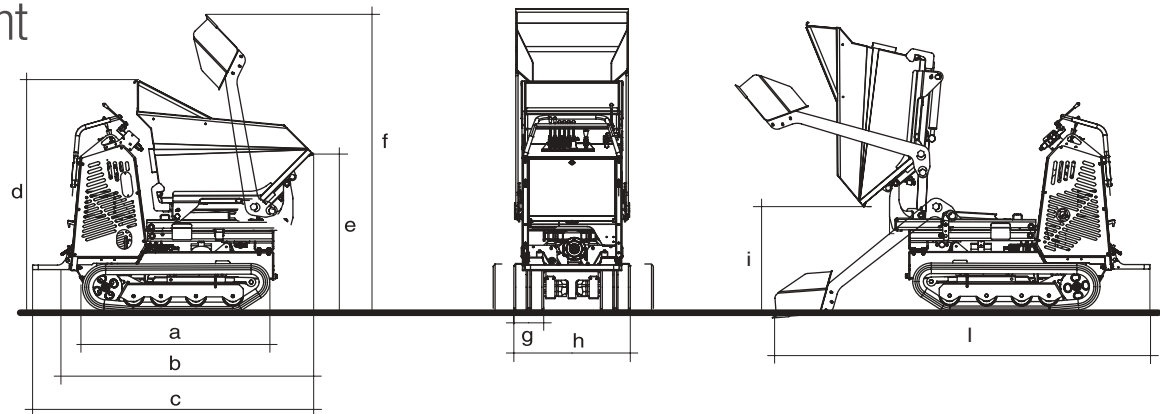


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n	o	p
1253	2064	2213	1234	28	475	149	239	625	730	402	1250	30°	760/1060

# CARRY107ht

skip with shovel

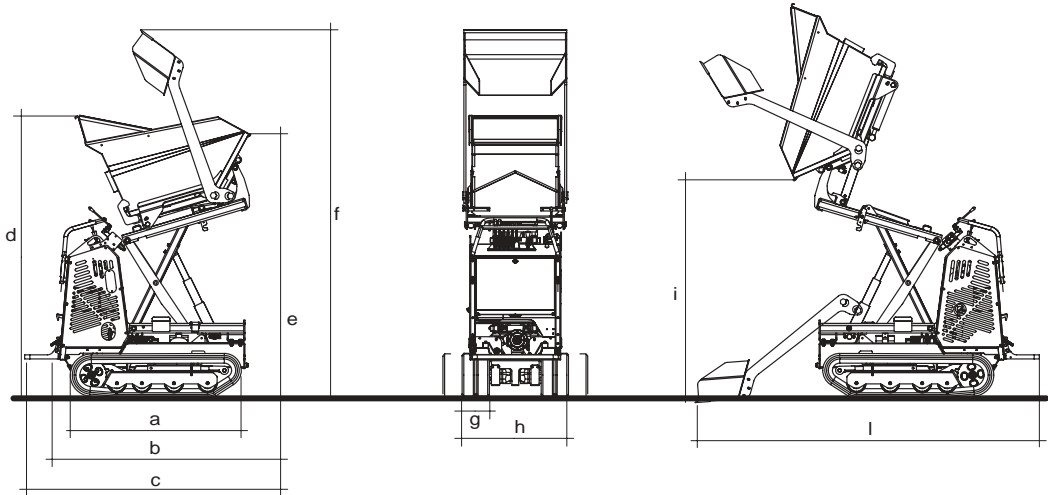


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l
1253	1647	1878	1552	1060	2036	180	760 / 1060	707	2590

# CARRY107ht

raised skip with shovel

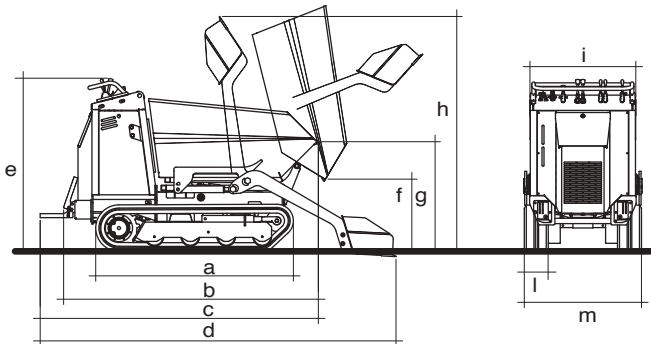


## DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l
1254	1647	1824	2070	1940	2702	180	760 / 1060	1580	2305

# CARRY110

skip with shovel

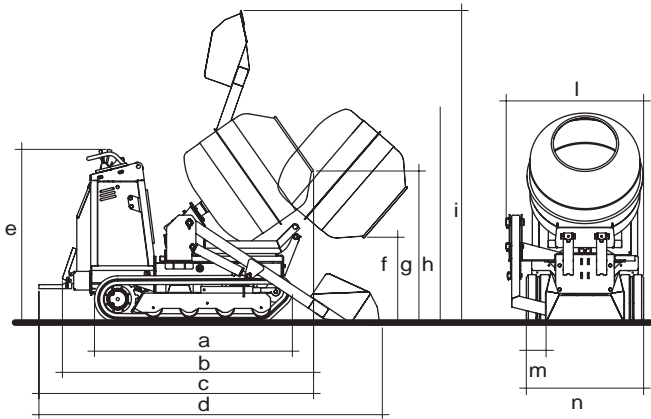


## DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m
1485	1915	2090	2670	1320	550	830	1795	790	200	900

# CARRY110

concrete mixer with shovel

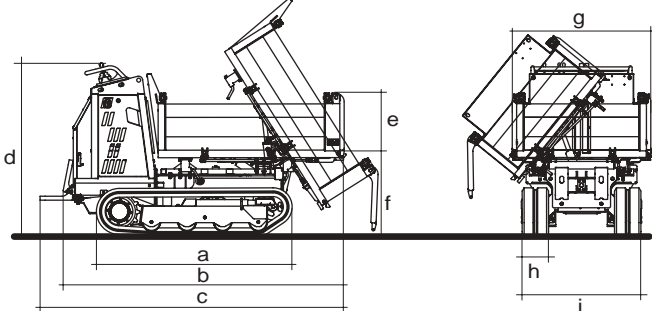


## DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n
1485	1880	2055	2565	1320	660	1155	1580	2345	1040	200	900

# CARRY110

trilateral skip

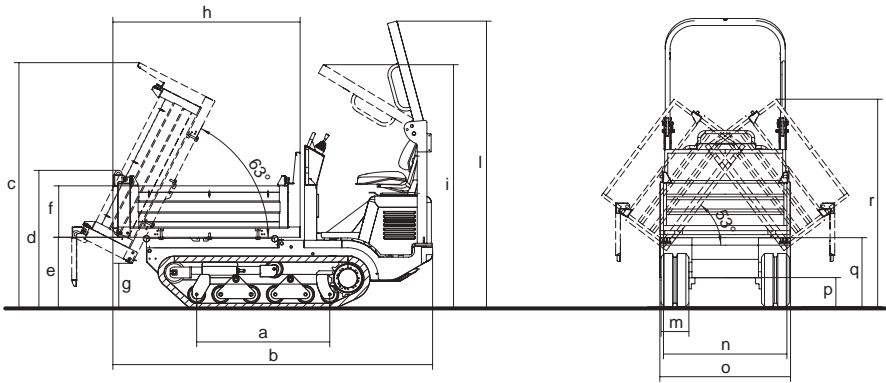


## DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i
1485	2125	2300	1320	350	655	1050	200	900

# CARRY150

trilateral bed

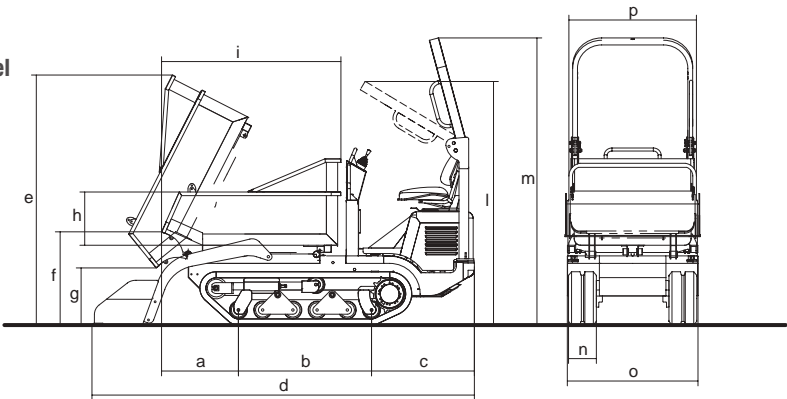


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n	o	p	q	r
1100	2640	2040	1150	596	425	380	1547	2022	2372	230	1020	1080	240	570	1720

# CARRY150

construction skip with self-loading shovel

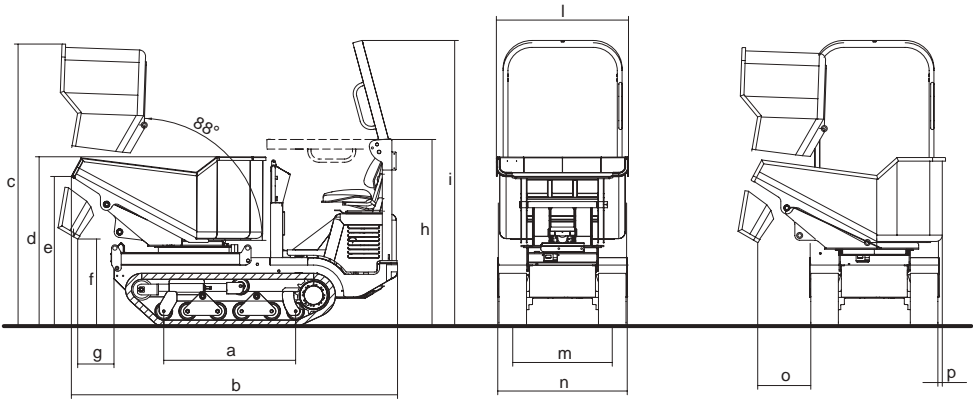


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n	o	p
635	1100	850	3160	2070	770	472	440	1482	2022	2372	230	1080	1054

# CARRY150

180° swivelling skip

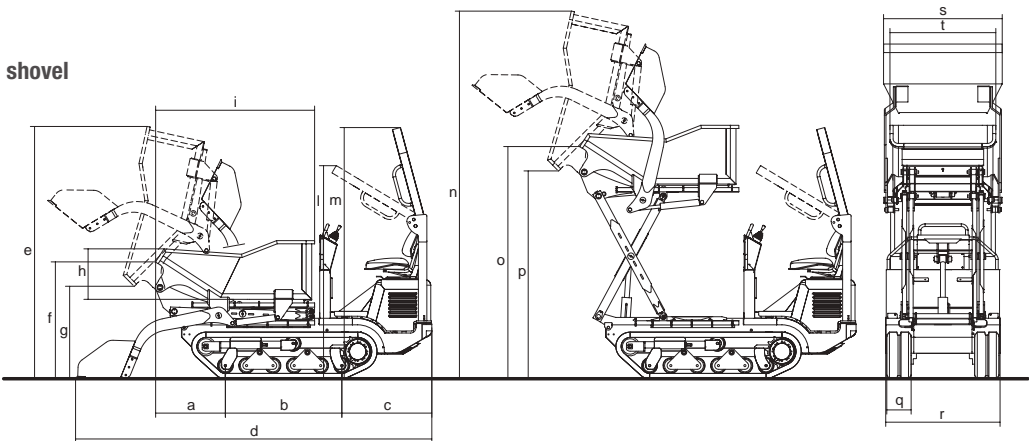


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n	o	p
1100	2720	2352	1412	1248	726	303	1556	2382	1102	830	1080	443	40

# CARRY150

hi-tip skip with self-loading shovel



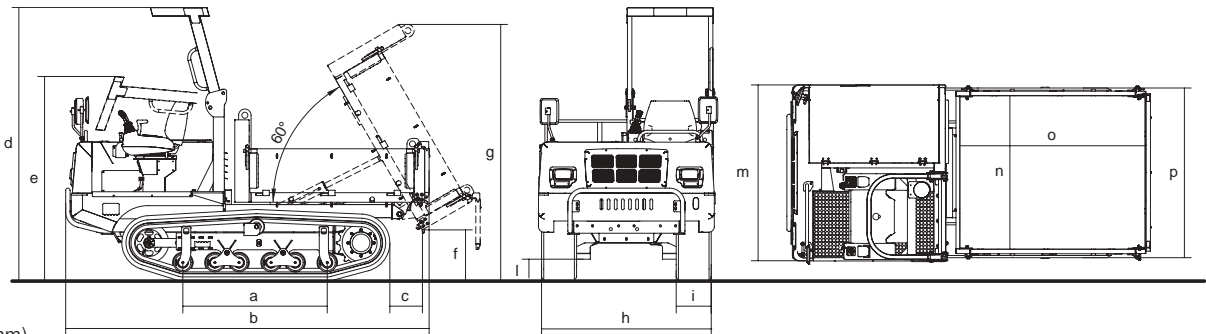
DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n	o	p	q	r	s	t
659	1100	850	3365	2383	1104	873	477	1500	2022	2372	3472	2193	1963	230	1080	1121	1000



# CARRY250

front unloading bed

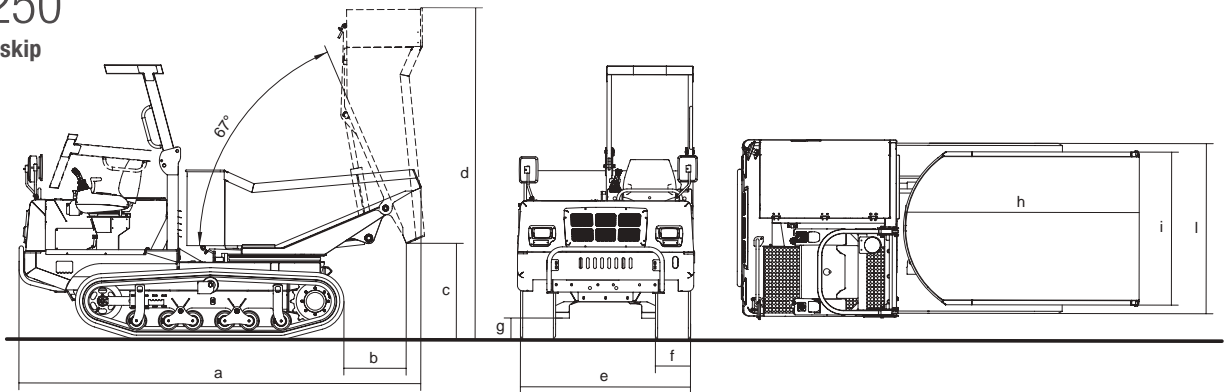


DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n	o	p	
1319	3320	298	2500	1870	468	2344	1550	320	200	1606	1400	1702	1550	

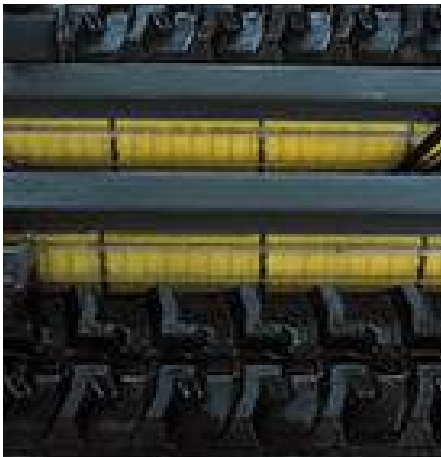
# CARRY250

180° swivelling skip



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	
3662	570	880	3027	1550	320	200	2129	1394	1550	



# equipment

	105	105ep	107	107ht	110	150	250
Skip fitted to mount self-loading shovel	std	std	std	std	std	opt	-
Skip with rounded corners to improve material detachment	-	-	-	-	std	opt	-
Sealed wheel bearings to prevent ingress of dirt	std	std	std	std	-	std	std
Hardened driving wheels for longer life	std	std	std	std	std	std	std
STCS (Self Tension Crawler System)	std	std	std	std	std	std	std
Shovel arms with double attachment yoke	-	-	std	std	std	std	-
Hydraulic quick-coupling for shovel system release	-	-	std	std	std	-	-
Tipping accessory support frame; quick accessory change	-	-	std	std	std	std	std
Sturdy accessory mounting equipped with adjustment system	-	-	std	std	-	-	-
Steel bearings with greasing points at pivot points	-	-	std	std	std	std	std
Removable engine bonnet for better access for checks, servicing and refuelling	-	-	std	std	std	std	std
Standard 14 L / min flow rate power take-off	-	-	std	std	-	std	-
Standard 20 L / min flow rate power take-off	-	-	-	-	-	std	-
Standard 26 L / min flow rate power take-off	-	-	-	-	std	-	-
Standard 36 L / min flow rate power take-off	-	-	-	-	-	-	opt
Two-way/one-way power take-off for hammer use	-	-	-	-	std	std	std
Exhaust pipe with elbow to discharge towards the ground	-	-	std	std	std	std	std
Cartridge air filter with visible clog indicator	-	-	-	-	std	std	std
Water/oil combined radiator	-	-	-	-	std	std	std
Self-loading shovel kit	opt	opt	opt	opt	-	opt	-
Fold-away footplate	opt	-	opt	opt	-	-	-
Accessory lifting component kit	-	-	opt	opt	opt	-	-
Specific tools to disassemble accessories in the absence of suitable lifting systems	-	-	opt	opt	opt	-	-
Hour meter-rev counter kit	-	-	opt	opt	-	-	-
26 L / min flow rate Hi-Flow kit for demolition hammer, water drain pump, hydraulic drill.	-	-	opt	opt	-	-	-
Can only be used when the machine is stationary	-	-	-	-	-	-	-
Concrete mixer kit with or without self-loading shovel	-	-	opt	opt	opt	opt	-
Extendible undercarriage 760 - 1060 mm	-	-	opt	std	-	-	-
Levelling blade with manual tilt angle adjustment	-	-	opt	opt	opt	-	-
Construction skip with or without self-loading shovel	-	-	-	-	-	opt	-
Bed with fold-down sides	opt	opt	opt	opt	-	opt	opt
Bed with trilateral tip-over and three opening sides	-	-	-	-	opt	opt	-





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# Official **App**



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