



GENERAL CATALOGUE

Construction Equipment



GENERAL CATALOGUE

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CORPORATE



In November 2016, Japanese multinational KATO WORKS CO., LTD. and Japanese conglomerate IHI Corporation Ltd. (IHI) signed an agreement to transfer 100% of the shares of IHI Construction Machinery Ltd., (IK) from IHI to KATO. As of January 2017, IK, which owned 51% of IHIMER S.p.A. based in Italy in San Gimignano (49% is still held by IMER GROUP S.p.A.) has changed its company name to KATO HEAVY INDUSTRIES CONSTRUCTION MACHINERY CO.,LTD. (KATO HICOM). As of February 17 2017, IHIMER S.p.A. has changed its company name to KATO IMER S.p.A.

Japanese colossal KATO WORKS, which produces a broad range of construction machinery and has been active in the industry since 1895, has decided to invest in Europe, believing strongly in the centrality of the market, in collaboration with Italian Imer Group, European leader in the production of machinery for construction and batch plants.

In Italy KATO IMER produces mini-excavators with KATO technology, skid-loaders and dumpers; it distributes mini-excavators and crawler carriers produced in Japan by KATO HICOM.

The mini-excavators cover a range that spans from 0.9 to 8.5 tonnes, short-tail, traditional and zero tail swing.

Wheel, and tracked, skid-loaders with operating load from 400 to 2500 kg. The dumpers are divided into two classes: mini dumpers, with operating load between 400 and 2500 kg, for restoration and nursery work; dumpers with operating load between 3000 and 11000 kg used in civil engineering and infrastructure construction.

The KATO IMER factory in San Gimignano, in the province of Siena, covers a surface area of more than 36 thousand square meters. The constant pursuit of innovation and the company's on-going design activity allows it to develop cutting edge machines in perfect compliance with market demands.

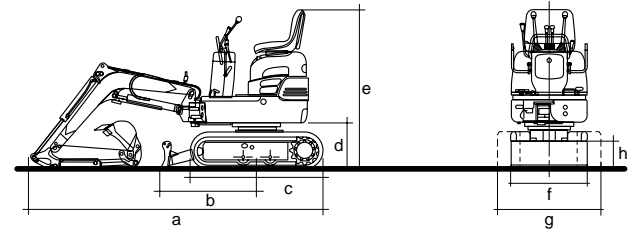
KATO IMER products are sold through a network of more than 100 distributors and dealers uniformly covering all major European countries and others across the 5 continents. A worldwide distribution network has already been set up for skid and minidumper lines.



MINI-EXCAVATORS

Operation in confined spaces

9VXE



DIMENSIONS (mm)

a	b	c	d	e	f	g	h
2700	890	1220	405	1405	720	700 / 950	240

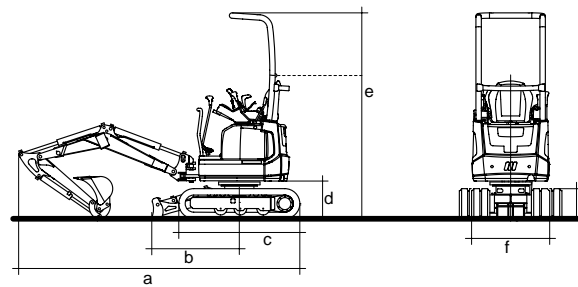
Engine.....	Yanmar 2TNV70
N° cylinders / displacement	2 / 570 cc
Rated output.....	7.3 kW / 2400 rpm
Machine weight with rubber shoe.....	890 kg (no canopy)
Operating weight with rubber shoe.....	965 kg (no canopy)
Maximum digging depth.....	1570 / 1770 mm (with long arm)
Minimum front turning radius.....	1220 / 1320 mm (with long arm)
Max. bucket digging force.....	1090 kgf
Standard Bucket width.....	370 mm
Standard Bucket capacity.....	0.022 m³

Where others cannot reach

The micro-excavator 9VXE, the new ultra-compact model, utilizes the technology of higher class machines. Power and speed of excavation are assured when working in confined spaces: in small restructuring works, in excavation and maintenance of sewers, in tunnels where larger machines cannot work, and also in the gardening and nursery sectors.



12VXE



DIMENSIONS (mm)

a	b	c	d	e	f	g
3110	970	1339	417	2277 / 1700	870 / 1135	333

Engine.....	Yanmar 3TNM68
N° cylinders / displacement	3 / 784 cc
Rated output	9.5 kW / 2200 rpm
Machine weight with rollbar	1180 kg
Operating weight with rollbar	1255 kg
Maximum digging depth	2010 mm
Minimum front turning radius.....	1530 mm
Max. bucket digging force	1210 kgf
Standard Bucket width	400 mm
Standard Bucket capacity	0.036 m ³

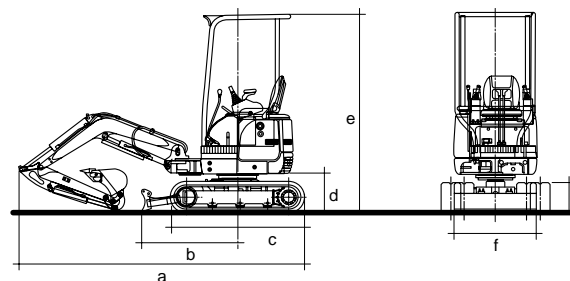
Small and powerful

The 12VXE is a completely new concept: small enough to pass through a door, but also robust enough to do jobs above its category. An exceptional machine!

With its 9.5 kW engine and digging depth of 2010 mm, it handles heavy work in the most challenging conditions with ease.



17VXE



DIMENSIONS (mm)

a	b	c	d	e	f	g
3380	1155	1570	460	2330	980 / 1300	395

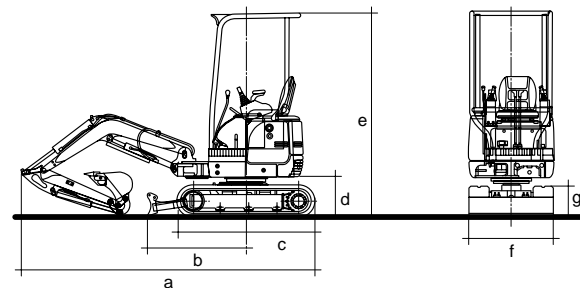
Engine.....	Yanmar 3TNV70
N° cylinders / displacement	3 / 854 cc
Rated output	10.5 kW / 2300 rpm
Machine weight with canopy.....	1615 / 1675 kg (rubber shoe / steel shoe)
Operating weight with canopy.....	1690 / 1750 kg (rubber shoe / steel shoe)
Maximum digging depth.....	2350 mm
Minimum front turning radius.....	1580 mm
Max. bucket digging force.....	1600 kgf
Standard Bucket width	400 mm
Standard Bucket capacity.....	0.040 m ³

Where others cannot reach

The mini-excavator 17VXE, the new ultra-compact model, utilizes the technology of higher class machines. Power and speed of digging are assured when working in confined spaces: in small restructuring work, in excavations and in maintenance of sewerage systems, in tunnels where larger machines cannot operate, but also in the gardening and nursery sectors.



17VXT



DIMENSIONS (mm)

a	b	c	d	e	f	g
3486	1154	1570	462	2345	980	395

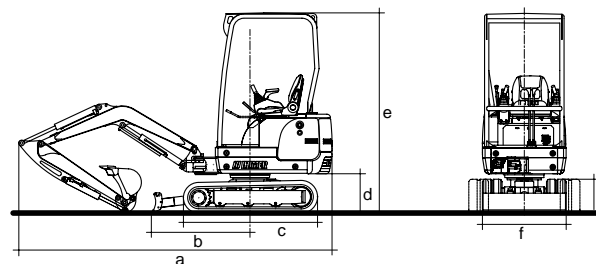
Engine.....	Yanmar 3TNV70
N° cylinders / displacement	3 / 854 cc direct injection
Rated output.....	10.5 kW / 2300 rpm
Machine weight with rubber shoe.....	1655 / 1815 kg (canopy / cabin)
Operating weight with rubber shoe	1730 / 1890 kg (canopy / cabin)
Maximum digging depth.....	2360 mm
Minimum front turning radius.....	1573 mm
Max. bucket digging force.....	1600 kgf
Standard Bucket width	400 mm
Standard Bucket capacity.....	0.044 m ³

Top performance

The 17VXT has an operating weight of 1730 kg and, thanks to its arm length of 1200 mm, it reaches a digging depth of 2360 mm. The double travelling speed (2.1-4.1 km / h) provides great agility and great manoeuvrability. Great advantages in landfill operations, using the dozer blade.



19VXT



DIMENSIONS (mm)

a	b	c	d	e	f	g
3665	1154	1570	459	2340	980 / 1300	395

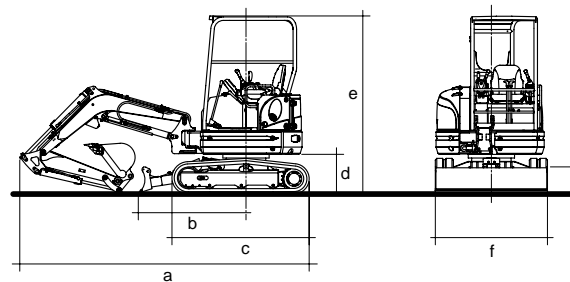
Engine.....	Yanmar 3TNV70
N° cylinders / displacement	3 / 854 cc direct injection
Rated output	10.5 kW / 2300 rpm
Machine weight with rubber shoe	1670 / 1830 kg (canopy / cabin)
Operating weight with rubber shoe	1745 / 1905 kg (canopy / cabin)
Maximum digging depth	2460 mm
Minimum front turning radius.....	1663 mm
Max. bucket digging force	1600 kgf
Standard Bucket width	400 mm
Standard Bucket capacity	0.044 m ³

Technological innovation and operational comfort

Ideal for working in confined spaces and on rough terrain, thanks to a variable gauge (from 980 to 1300 mm) operated by an electrical control on the blade control lever, it provides extraordinary versatility and great operating stability. With an operating weight of 1745 kg, dual travelling speed (2.1-4.1 km / h) and a digging depth of 2460 mm, the 19VXT is at the top of its category.



27V4



DIMENSIONS (mm)

a	b	c	d	e	f	g
4000	1490	1900	550	2460	1550	380

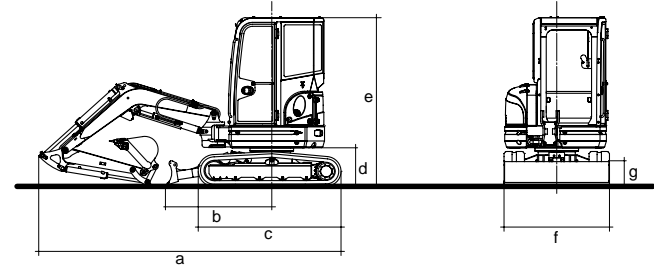
Engine.....	SHIBAURA S773-C
N° cylinders / displacement	3 / 1131 cc
Rated output.....	13.6 kW / 2400 rpm
Machine weight with rubber shoe.....	2560 / 2730 kg (canopy / cabin)
Operating weight with rubber shoe.....	2635 / 2805 kg (canopy / cabin)
Maximum digging depth.....	2440 / 2740 mm (with long arm)
Minimum front turning radius.....	2030 / 2090 mm (with long arm)
Max. bucket digging force.....	2140 kgf
Standard Bucket width.....	500 mm
Standard Bucket capacity.....	0.064 m ³

KATO technology

Thanks to zero tail swing technology, it is possible to dig and load in complete safety, even close to walls or in restricted areas. Swing speed of 9 rpm, enables higher performance. Max. bucket digging force 21.0 kN. Shibura S773L-C engine.



30V4



DIMENSIONS (mm)

a	b	c	d	e	f	g
4440	1560	2100	570	2480	1550	380

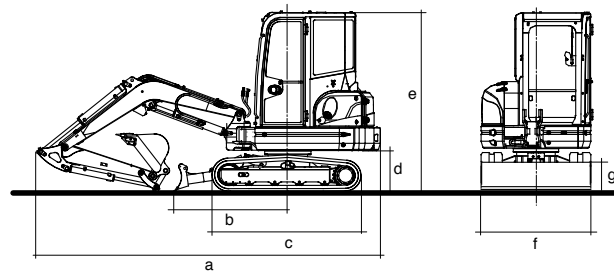
- Engine.....Yanmar 3TNV88
- N° cylinders / displacement3 / 1642 cc direct injection
- Rated output.....17.5 kW / 2200 rpm
- Machine weight with rubber shoe.....3030 / 3180 kg (canopy / cabin)
- Operating weight with rubber shoe.....3105 / 3255 kg (canopy / cabin)
- Maximum digging depth.....2700 / 3000 mm (with long arm)
- Minimum front turning radius.....2080 / 2110 mm (with long arm)
- Max. bucket digging force.....2970 kgf
- Standard Bucket width.....550 mm
- Standard Bucket capacity.....0.09 m³

Technological innovation and power

Zero tail swing technology allows digging and loading in complete safety, even close to walls or places with little room available. Yanmar 3TNV88 engine. Max. bucket digging force 29.1 kN.



35N4



DIMENSIONS (mm)

a	b	c	d	e	f	g
4760	1570	2060	560	2470	1550	380

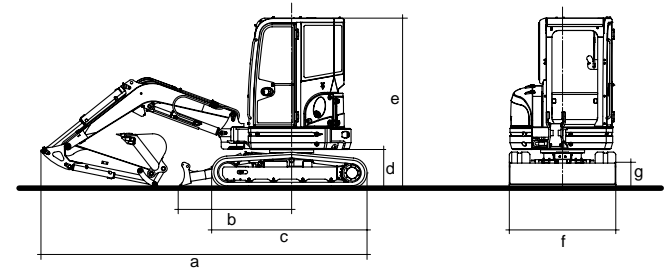
Engine.....	Yanmar 3TNV88F
N° cylinders / displacement	3 / 1642 cc direct injection
Rated output	16.8 kW / 2200 rpm
Machine weight with cabin	3440 / 3550 kg (rubber shoe / steel shoe)
Operating weight with cabin	3515 / 3625 kg (rubber shoe / steel shoe)
Maximum digging depth.....	3080 / 3380 mm (with long arm)
Minimum front turning radius.....	1990 / 2030 mm (with long arm)
Max. bucket digging force.....	2970 kgf
Standard Bucket width	600 mm
Standard Bucket capacity.....	0.11 m ³

The front-line device

35N4 is environmentally friendly and safety conscious Standard mini-excavator. The latest model of clean engine is compliant with gas emission for EC Stage IIIA. 35N4 provides superior performance and preeminent stability and workability.



35V4



DIMENSIONS (mm)

a	b	c	d	e	f	g
4750	1650	2260	560	2470	1550	380

Engine.....	Yanmar 3TNV88
N° cylinders / displacement	3 / 1642 cc direct injection
Rated output.....	17.5 kW / 2200 rpm
Machine weight with rubber shoe.....	3450 / 3600 kg (canopy / cabin)
Operating weight with rubber shoe	3525 / 3675 kg (canopy / cabin)
Maximum digging depth.....	3080 / 3380 mm (with long arm)
Minimum front turning radius.....	2160 / 2200 mm (with long arm)
Max. bucket digging force.....	2970 kgf
Standard Bucket width	600 mm
Standard Bucket capacity.....	0.11 m ³

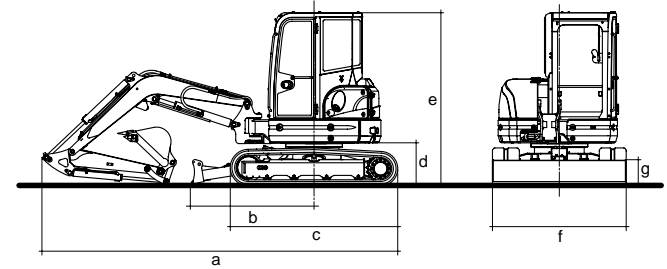
Maximum stability and operation

The zero tail swing technology makes it possible to dig and load in complete safety, even close to walls or in restricted spaces. Yanmar 3TNV88 engine.

The variable gauge 1550-1800 mm, the only one in its category, considerably increases stability when digging at the side, making it possible to work, even in particularly difficult conditions.



45V4



DIMENSIONS (mm)

a	b	c	d	e	f	g
5280	1840	2490	640	2570	1990	385

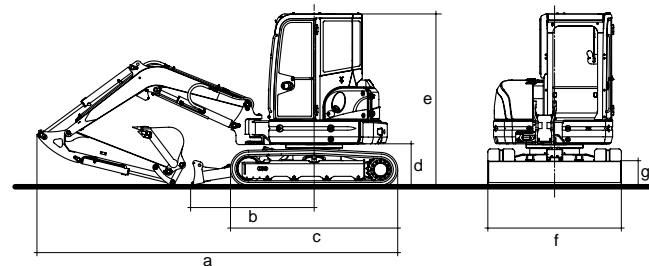
Engine.....	Kubota V2403-DI-EDM
N° cylinders / displacement	4 / 2434 cc direct injection
Rated output.....	32.4 kW / 2400 rpm
Machine weight with cabin	4780 / 4820 kg (rubber shoe / steel shoe)
Operating weight with cabin	4855 / 4895 kg (rubber shoe / steel shoe)
Maximum digging depth.....	3340 / 3590 mm (with long arm)
Minimum front turning radius.....	2320 / 2420 mm (with long arm)
Max. bucket digging force.....	3160 kgf
Standard Bucket width	600 mm
Standard Bucket capacity.....	0.14 m ³

Maximum performance

Thanks to zero tail swing technology it is possible to dig and load in complete safety, even close to walls or in restricted spaces. KUBOTA V2403-DI-EDM engine, max. bucket digging force 31.0 kN. Swing speed of 9.3 rpm enables optimum performance during all operations.



55V4



DIMENSIONS (mm)

a	b	c	d	e	f	g
5370	1840	2490	640	2570	1990	385

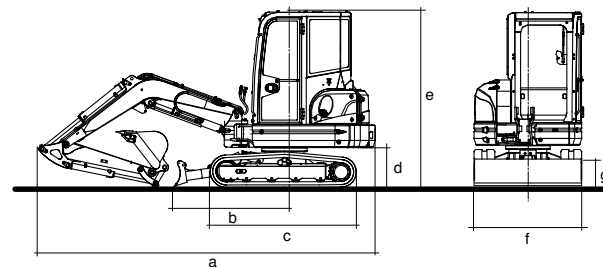
Engine.....	Kubota V2403-DI-EDM
N° cylinders / displacement	4 / 2434 cc direct injection
Rated output	32.4 kW / 2400 rpm
Machine weight with cabin	5140 / 5180 kg (rubber shoe / steel shoe)
Operating weight with cabin	5215 / 5255 kg (rubber shoe / steel shoe)
Maximum digging depth	3590 / 3830 mm (with long arm)
Minimum front turning radius.....	2420 / 2460 mm (with long arm)
Max. bucket digging force	3160 kgf
Standard Bucket width	650 mm
Standard Bucket capacity.....	0.16 m ³

Reliable

High performance and full dependability, but also an exceptional level of operational safety and easy maintenance. Operation in confined spaces is excellent thanks to zero-tail swing technology. KUBOTA V2403-DI-EDM engine, max. bucket digging force 31.0 kN. Swing speed of 9.3 rpm ensures higher performance during work cycles.



55N4



DIMENSIONS (mm)

a	b	c	d	e	f	g
5860	1740	2500	695	2570	2000	360

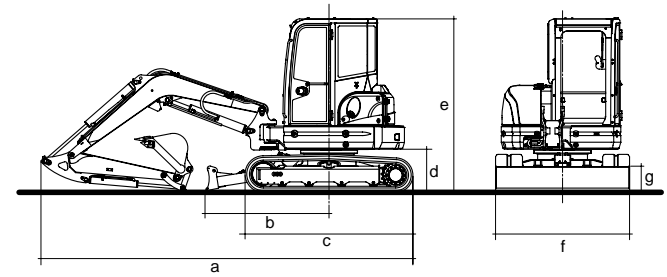
Engine	Yanmar 4TNV98C-PIK
N° cylinders / displacement	4 / 3318 cc direct injection
Rated output	47.6 kW / 2400 rpm
Machine weight with cabin	5500 / 5550 kg (rubber shoe / steel shoe)
Operating weight with cabin	5575 / 5625 kg (rubber shoe / steel shoe)
Maximum digging depth	3850 / 4100 mm (with long arm)
Minimum front turning radius	2420 / 2400 mm (with long arm)
Max. bucket digging force	3700 kgf
Standard Bucket width	685 mm
Standard Bucket capacity	0.18 m ³

Top of the range performance

The high-power engine, combined with a hydraulic system featuring variable displacement pumps, offers top-of-the-range performance. Bucket digging force of 36.3 kN translates into maximum digging capability, even on particularly compacted ground.



60V4



DIMENSIONS (mm)

a	b	c	d	e	f	g
5520	1840	2490	640	2570	1990	385

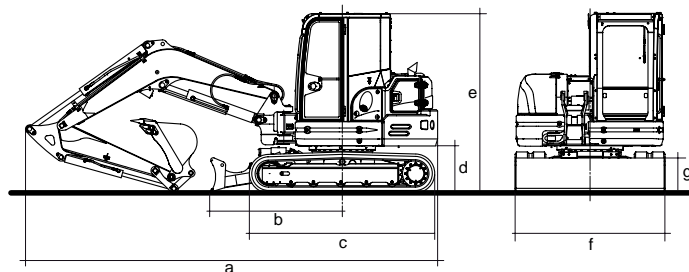
Engine.....	Kubota V2403-DI-EDM
N° cylinders / displacement	4 / 2434 cc direct injection
Rated output	32.4 kW / 2400 rpm
Machine weight with cabin	5500 / 5540 kg (rubber shoe / steel shoe)
Operating weight with cabin	5575 / 5615 kg (rubber shoe / steel shoe)
Maximum digging depth	3800 / 4040 mm (with long arm)
Minimum front turning radius.....	2450 / 2470 mm (with long arm)
Max. bucket digging force.....	4200 kgf
Standard Bucket width	700 mm
Standard Bucket capacity.....	0.18 m ³

Top of the range performance

The high-power engine, combined with a hydraulic system featuring variable displacement pumps, offers top-of-the-range performance. Max. bucket digging force of 36.3 kN translates into maximum digging capability, even on particularly compacted ground.



85V4



DIMENSIONS (mm)

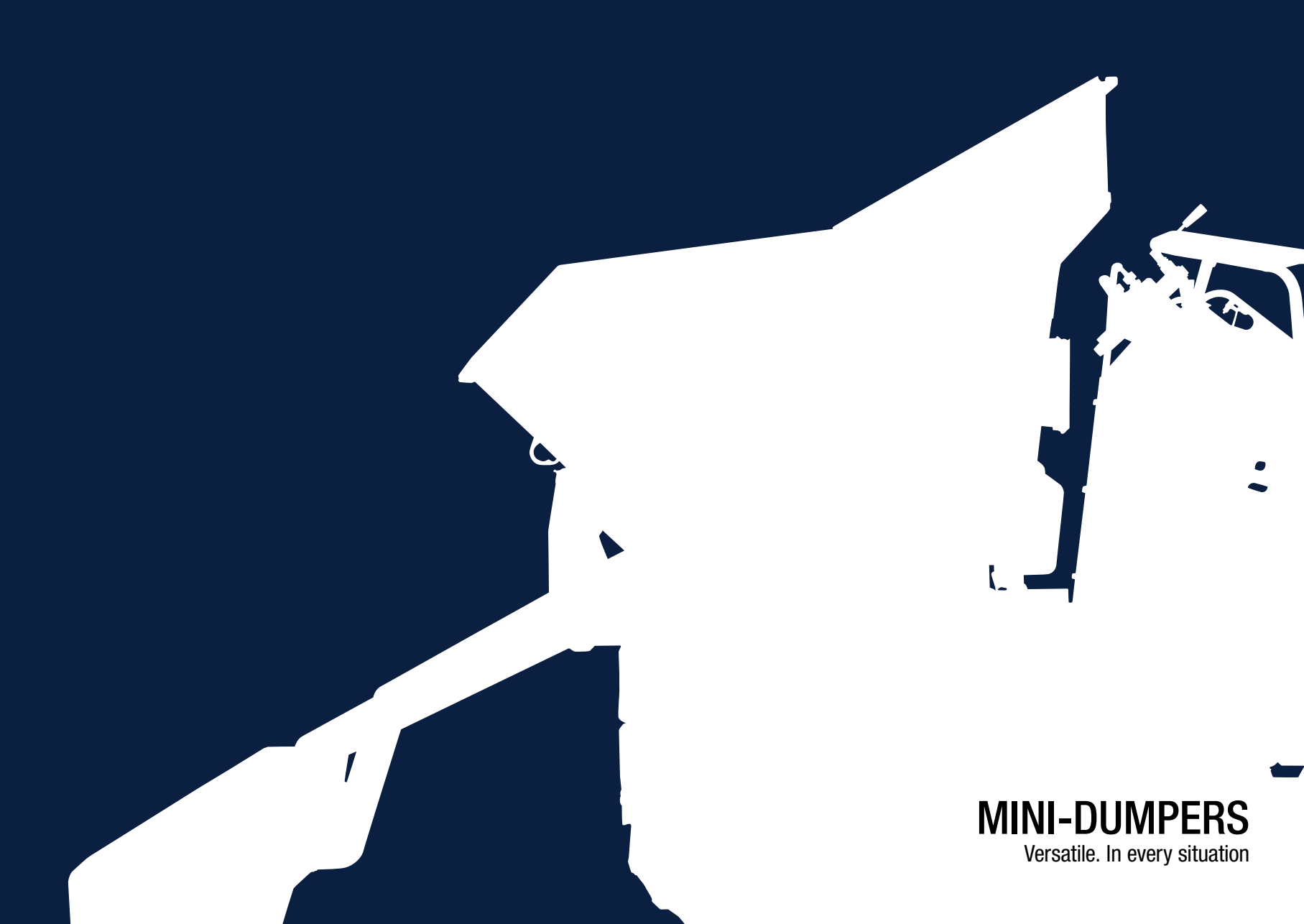
a	b	c	d	e	f	g
6050	1950	2730	690	2630	2200	500

Engine.....	Yanmar 4TNV98C VIK
N° cylinders / displacement	4 / 3318 cc direct injection
Rated output	42.7 kW / 2100 rpm
Machine weight with cabin	8440 / 8490 kg (rubber shoe / steel shoe)
Operating weight with cabin	8515 / 8565 kg (rubber shoe / steel shoe)
Maximum digging depth.....	4020 / 4320 mm (with long arm)
Minimum front turning radius.....	2640 / 2720 mm (with long arm)
Max. bucket digging force.....	5610 kgf
Standard Bucket width	760 mm
Standard Bucket capacity.....	0.25 m ³

Maximum performances in confined spaces

The midi-excavator 85V4 is synonymous with power and stability. Thanks to the rear frame, it is possible to dig and load in complete safety even close to walls or places with little room available. The speed of rotation of 9 rpm enables optimum performance during work.



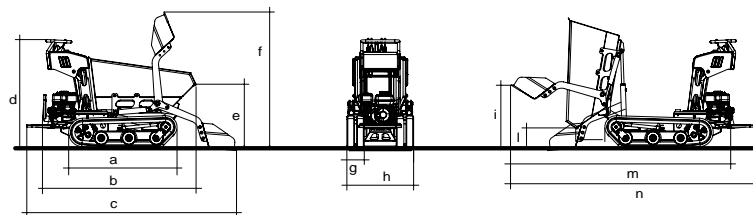


MINI-DUMPERS

Versatile. In every situation

CARRY105

TIPPING BUCKET WITH SELF-LOADING 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

Engine.....	Honda GX200 Petrol (4.7 kW / 3600 rpm)
Weight.....	345 kg
Weight (basic machine without accessories).....	240 kg
Payload capacity.....	500 kg
Travel speed.....	0 / 2.5 km / h
Tipping bucket capacity.....	0.22 m ³

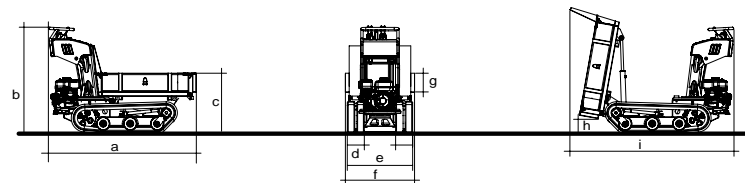
Agility and versatility

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



CARRY105

DUMP PLATFORM WITH OPENING SIDES



DIMENSIONS (mm)

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

Engine.....	Honda GX200 Petrol (4.7 kW / 3600 rpm)
Weight.....	305 kg
Weight (basic machine without accessories).....	240 kg
Payload capacity.....	500 kg
Travel speed.....	0 / 2.5 km / h
Dump platform (sides closed) dim. LxDxH.....	900 x 620 x 200 mm

Speed and adaptability

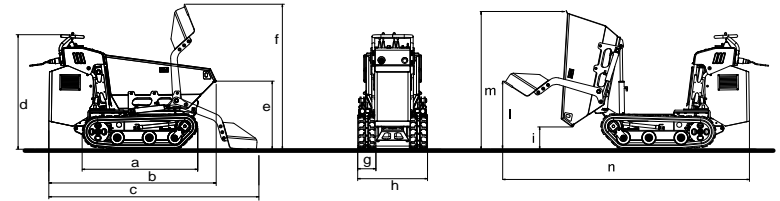
The version of the Carry 105 mini-dumper with a dump platform with opening sides that are ideal for loading bulky material and handling materials in warehouses and greenhouses and especially suitable for nurseries and agricultural use.



CARRY105 electricpower



TIPPING BUCKET WITH SELF-LOADING SHOVEL



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

Engine.....	Electric
Power	2.2 kW
Batteries	Lithium-Iron-Phosphate (Li-Fe-PO4) 90 Ah 36V nominal
Autonomy.....	2.5 h (with tipping bucket with self-loading shovel KATO IMER)
Payload capacity.....	400 kg
Basic machine weight	325 kg
Tipping bucket weight	50 kg
Tipping bucket self-loading shovel	105 kg
Dump platform weight	65 kg
Travel speed	1.7 / 2 km / h
Tipping bucket capacity.....	0.22 m ³

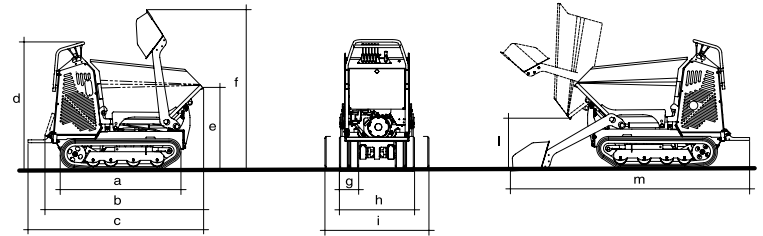
Ecological without compromise

The electric power Carry105 mini-dumper, is the ideal solution to satisfy the requirements of materials handling in closed spaces such as green-houses, it is ideally suited for nurseries and in agriculture and for all sensitive places such as schools, hospitals and in rooms with little ventilation, it is eco friendly, being electric, with no noise or gas fumes.



CARRY107

TIPPING BUCKET WITH SELF-LOADING 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



- 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 kW / 3600 rpm)
- Weight.....560 kg (Petrol)
- Payload capacity.....700 kg
- Travel speed2.3 / 3.2 km / h
- Hydraulic variable gauge760 / 1060 mm
- Tipping bucket capacity.....0.33 m³
- Applicable tools (Hi-Flow version)demolition hammer, hydraulic drill,
 dirty water pump

Fast, safe, tireless

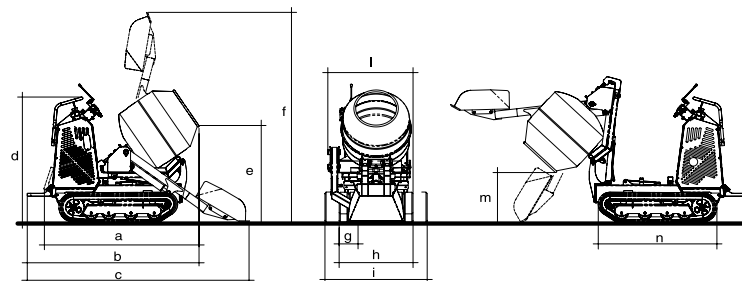
The Carry 107 mini-dumper is the ideal solution to transport and handle various types of materials on site particularly in areas where access is difficult. Variable gauge from 760 to 1060 mm for greater stability.

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.



CARRY107

CONCRETE MIXER WITH SELF-LOADING 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

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 kW / 3600 rpm)
Weight	600 kg (Petrol)
Payload capacity	700 kg
Travel speed	2.3 / 3.2 km / h
Hydraulic variable gauge	760 / 1060 mm
Concrete mixer kit volume	250 / 190 L (total / production)
Applicable tools (Hi-Flow version)	demolition hammer, hydraulic drill, dirty water pump

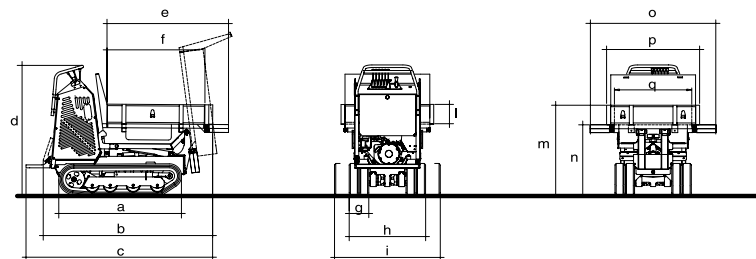
Snappy, ideal on site

The Carry 107 mini-dumper is fitted with a concrete mixer, it then becomes irreplaceable friend on site to mix sand and aggregate quickly, safely and without any effort from the operator. Tank/yield total capacity, 250/190 litres. Variable gauge, from 760 to 1060 mm, for greater stability.



CARRY107

DUMP PLATFORM 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

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 kW / 3600 rpm)
Weight	510 kg (Petrol)
Payload capacity	700 kg
Travel speed	2.3 / 3.2 km / h
Hydraulic variable gauge	760 / 1060 mm
Dimensioni pianale con sponde apribili	990 x 790 x 200 / 1240 x 1290 mm (sides closed / sides open)
Applicable tools (Hi-Flow version)	demolition hammer, hydraulic drill, dirty water pump

Extremely versatile

This version of the Carry 107 mini-dumper, with a dump platform with opening sides is the ideal solution for transporting and handling bulky material on site, quickly, safely and with minimum effort for the operator. Dimensions of the platform 990 x 790 x 200 / 1240 x 1290 mm (sides closed / sides open) (D x L x H). Variable gauge, from 760 to 1060 mm, for greater stability.



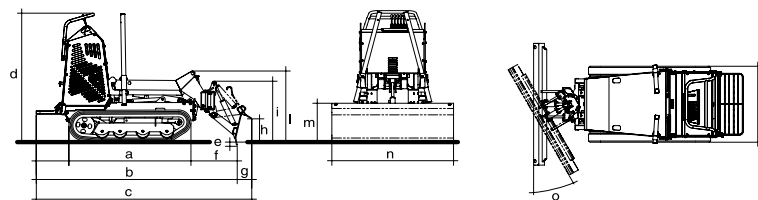
CARRY107

LEVELLING BLADE



Perfect for levelling

The Carry 107 mini-dumper, version with levelling blade is suited for levelling soil and mixes. The angle on both sides of 30° makes it perfect for clearing snow. The load-bearing frame, made as a containing platform, enables transportation of various tools, when being used as a “snow plough” including bags of salt for melting ice.



DIMENSIONS (mm)

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

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 kW / 3600 rpm)
Weight	550 kg (Petrol)
Payload capacity	700 kg
Travel speed	2.3 / 3.2 km / h
Hydraulic variable gauge	760 / 1060 mm
Levelling blade	1250 mm / 30° (width / tilt angle)
Applicable tools (Hi-Flow version)	demolition hammer, hydraulic drill, dirty water pump

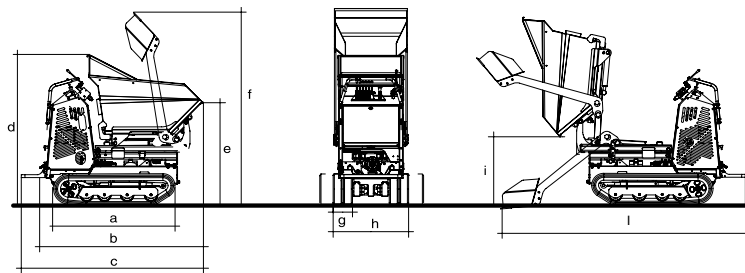


CARRY107ht

TIPPING BUCKET WITH SELF-LOADING SHOVEL



Unloading height
1600 mm



DIMENSIONS (mm)

a	b	c	d	e	f	g
1253	1647	1878	1552	1060	2036	180
h	i	l	m			
760 / 1060	1060	1600	2305			

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 kW / 3600 rpm)
Weight	685 kg (Petrol)
Payload capacity	700 kg
Travel speed	2.3 / 3.2 km / h
Hydraulic variable gauge	760 / 1060 mm
Tipping bucket capacity	0.33 m ³
Applicable tools (Hi-Flow version)	demolition hammer, hydraulic drill, dirty water pump

Even more versatile

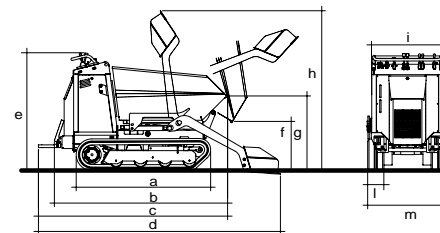
The brand new Carry 107ht model in the standard skip + self-loading shovel with variable gauge, from 760 to 1060 mm version, is ideal for transporting and handling materials. The "hi-tip" kit helps empty the skip from the top at the desired places, it reaches a maximum unloading height of 1600 mm.

This version enables emptying material both directly onto a truck and into specific skips. In the "hi-tip" configuration, the raised position of the skip limits the use of the machine to flat and smooth surfaces.



CARRY110

TIPPING BUCKET WITH SELF-LOADING 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



A broad range of accessories

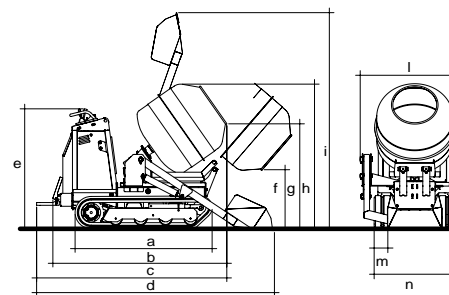
Designed for building sites, roads, nurseries and all those situations where handling small and medium quantities of material is necessary in confined spaces. Available with a one/two-way auxiliary hydraulic power take-off, it can be quickly fitted with a wide range of replaceable attachments. This equipment is indispensable in aiding the bigger construction equipment in moving large quantities of material.

- Engine.....Yanmar 3TNM68 diesel 3 cylinders
water cooling (14.4 kW / 3600 rpm)
- Weight.....900 kg
- Payload capacity.....1000 kg
- Travel speed2.6 / 4.0 km / h
- Tipping bucket capacity.....0.50 m³
- Hydraulic power take-off.....Auxiliary one / two way motion (std)



CARRY110

CONCRETE MIXER WITH SELF-LOADING 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

Engine.....	Yanmar 3TNM68 diesel 3 cylinders water cooling (14.4 kW / 3600 rpm)
Weight.....	968 kg
Payload capacity.....	1000 kg
Travel speed	2.6 / 4.0 km / h
Concrete mixer kit volume.....	350 / 280 L (total / yield)
Hydraulic power take-off.....	Auxiliary one / two way motion (std)

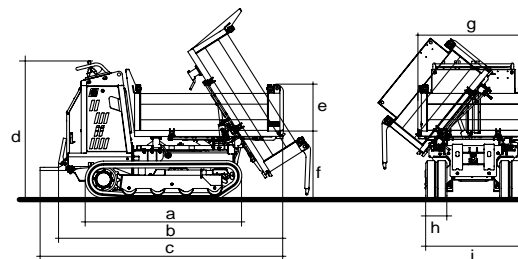
Mixing within the reach of a mini-dumper

Designed for building sites, roads and all those situations where it is necessary to mix small quantities of building materials and to transport them to site. Tank/total yield capacity, of 350 / 280 litres. Available, with a one/two-way auxiliary hydraulic power take-off.



CARRY110

TRILATERAL DUMP PLATFORM



DIMENSIONS (mm)

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

- Engine.....Yanmar 3TNM68 diesel 3 cylinders
water cooling (14.4 kW / 3600 rpm)
- Weight.....930 kg
- Payload capacity.....1000 kg
- Travel speed2.6 / 4.0 km / h
- Trilateral unloading bed1300 x 970 x 350 mm (inner dimensions)
- Hydraulic power take-off.....Auxiliary one / two way motion (std)

Ideal for transporting bulky material

Designed for building sites and roads, this version with a trilateral dump platform is ideal for transporting and unloading loose materials used for road construction. Dimensions of the unloading bed 1300 x 970 x 350 mm (D x L x H). Available with one/two-way auxiliary hydraulic power take-off.



CARRY150



Versatility for all needs

Tracked dumper with hydrostatic transmission having 2 independent circuits with variable displacement axial piston pump and two speeds axial piston motor for each track. Central driving seat at rear side of the machine, cushioned and adjustable, with easy access from both sides.

58



Engine	Kubota D902 Diesel 3 cylinders 898 cc water cooling (15.2 kW / at 3200 rpm)
Undercarriage weight	860 kg
Axial pistons pumps with variable cubic capacity	2 x 28 L / min
Utilities gear pump	1 x 20 L / min
Working pressure	170 bar max.
Hydraulic P.T.O.	20 L / min - 170 bar (std)
Max speed	4 / 7.5 km / h
Track width	230 mm
Max gradient capability	62%
Fuel tank capacity	24 L
Hydraulic oil tank capacity	25 L

59

CARRY250



front levelling blade



180° swivelling tipping bucket



front unloading dump platform

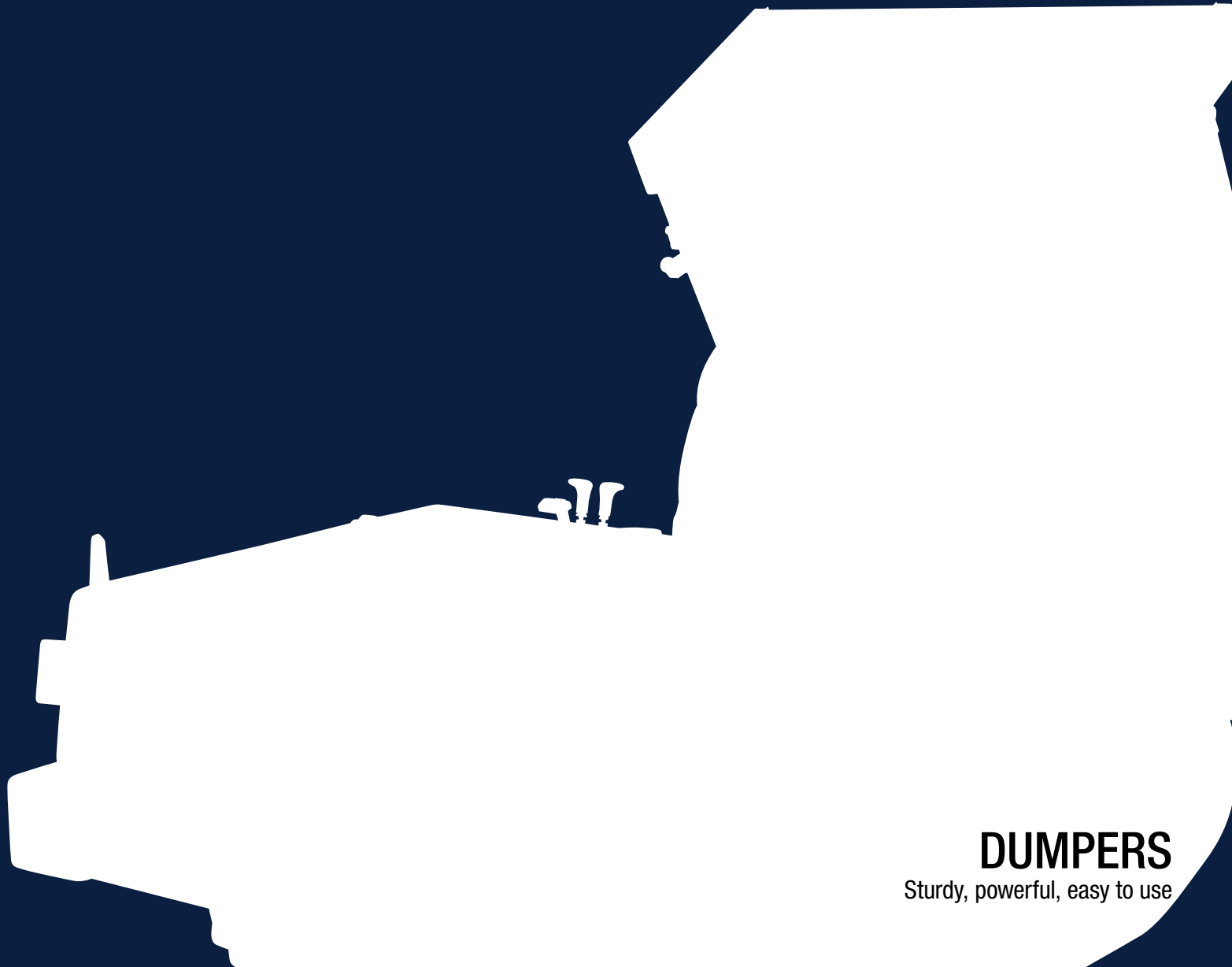


All terrains tracked dumper

Tracked dumper with hydrostatic transmission having 2 independent circuits with variable displacement axial piston pump and two speeds axial piston motor for each track.

Chassis with modular structure composed of a tractor unit set up on a unified frame apt to receive various attachments. undercarriage with oscillating axles and rubber tracks, suitable for high speeds. The considerable ground clearance allows the easy motion even on dirt patches and on rough terrains.

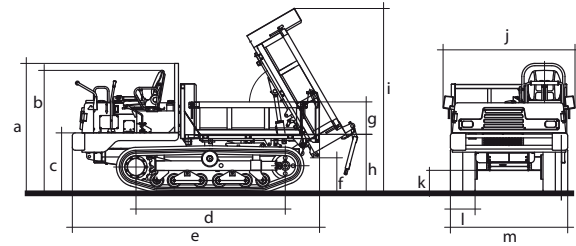
Engine.....	Kubota V2403M Diesel 4 cylinders 2434 cc water cooling (35.8 kW / 2600 rpm)
operating weight.....	2400 kg
Axial pistons pumps with variable cubic capacity.....	2 x 71 L / min
Utilities gear pump.....	1 x 43 L / min
Working pressure.....	175 bar max.
Hydraulic P.T.O.	36 L / min - 170 bar (opt.)
Max speed.....	5.5 / 11 km / h
Track width.....	320 mm
Max gradient capability.....	70%
Fuel tank capacity.....	55 L
Hydraulic oil tank capacity.....	30 L



DUMPERS

Sturdy, powerful, easy to use

IC35



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	j	k	l	m
1680	1590	780	1900	3200	450	420	765	2395	1700	295	320	1520

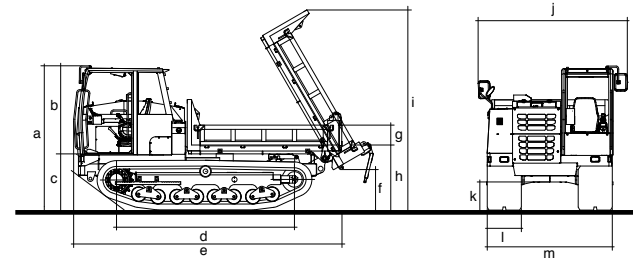
Engine.....	Kubota V2403-M-DI (34.8 kW / 2700 rpm)
Weight.....	2280 kg
Payload capacity.....	3000 kg
Travel speed (low speed).....	0 / 6.0 km / h
Travel speed (high speed).....	0 / 10.5 km / h
HST setting pressure.....	30.9 MPa (315 kgf / cm ²)
Vessel internal dimensions.....	1700 x 1400 x 420 mm

Powerful and sturdy

Power to accomplish hard work. Exceptionally easy to use, with an extremely sturdy structure and easy to maintain.



IC55



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	j	k	l	m
2530	1650	880	3130	4720	805	350	1140	3510	2620	495	600	2200

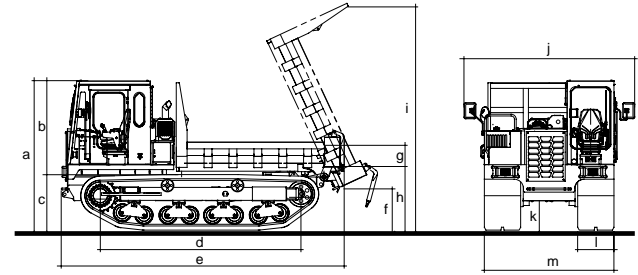
Engine.....	Kubota V3800-Tier 4 (78.3 kW / 2400 rpm)
Weight (canopy / cabin).....	6440 / 6620 kg
Operating weight (canopy / cabin).....	5000 / 5000 kg
Travel speed (low speed).....	0 / 10 km / h
Travel speed (high speed).....	0 / 12 km / h
HST setting pressure.....	40.0 MPa (408 kgf / cm ²)
Vessel internal dimensions.....	2600 x 1950 x 350 mm

IC 55 a comfortable workplace

A comfortable driver's seat with anti-fatigue systems for the operator with all of the operations controlled from a single hydraulic joystick. IC55 with new Kubota V3800-Tier 4 motor observes regulations on emissions. Ample access to the engine and the centralised position of all the parts on the right side of the machine offer easy maintenance.



IC75-2



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	j	k	l	m
2890	1820	1070	3870	5460	860	400	1290	4370	3295	550	700	2500

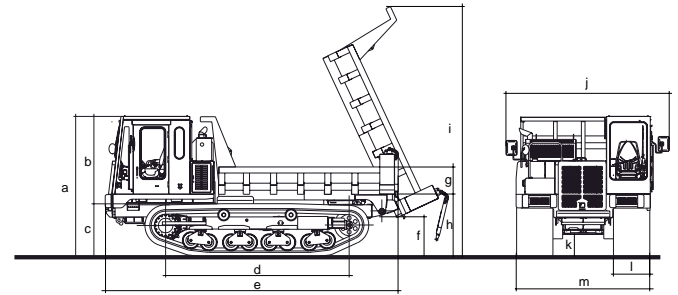
Engine.....	Cummins QSB6.7 - Tier 4 (168 kW / 2200 rpm)
Weight.....	10500 kg
Payload capacity.....	6500 kg
Travel speed (low speed).....	0 / 8.5 km / h
Travel speed (high speed).....	0 / 12 km / h
HST setting pressure.....	38.0 MPa (388 kgf / cm ²)
Vessel internal dimensions.....	3100 x 2200 x 400 mm

Customizable and easy maintenance

IC75-2 can be customized to suit any type of work. The driver's seat is particularly comfortable thanks to the wrap-around and adjustable design and the ergonomic set-up of the controls. The standard version is equipped with pilot-operated joy-sticks that ensure maximum precision.



IC120-2



DIMENSIONS (mm)

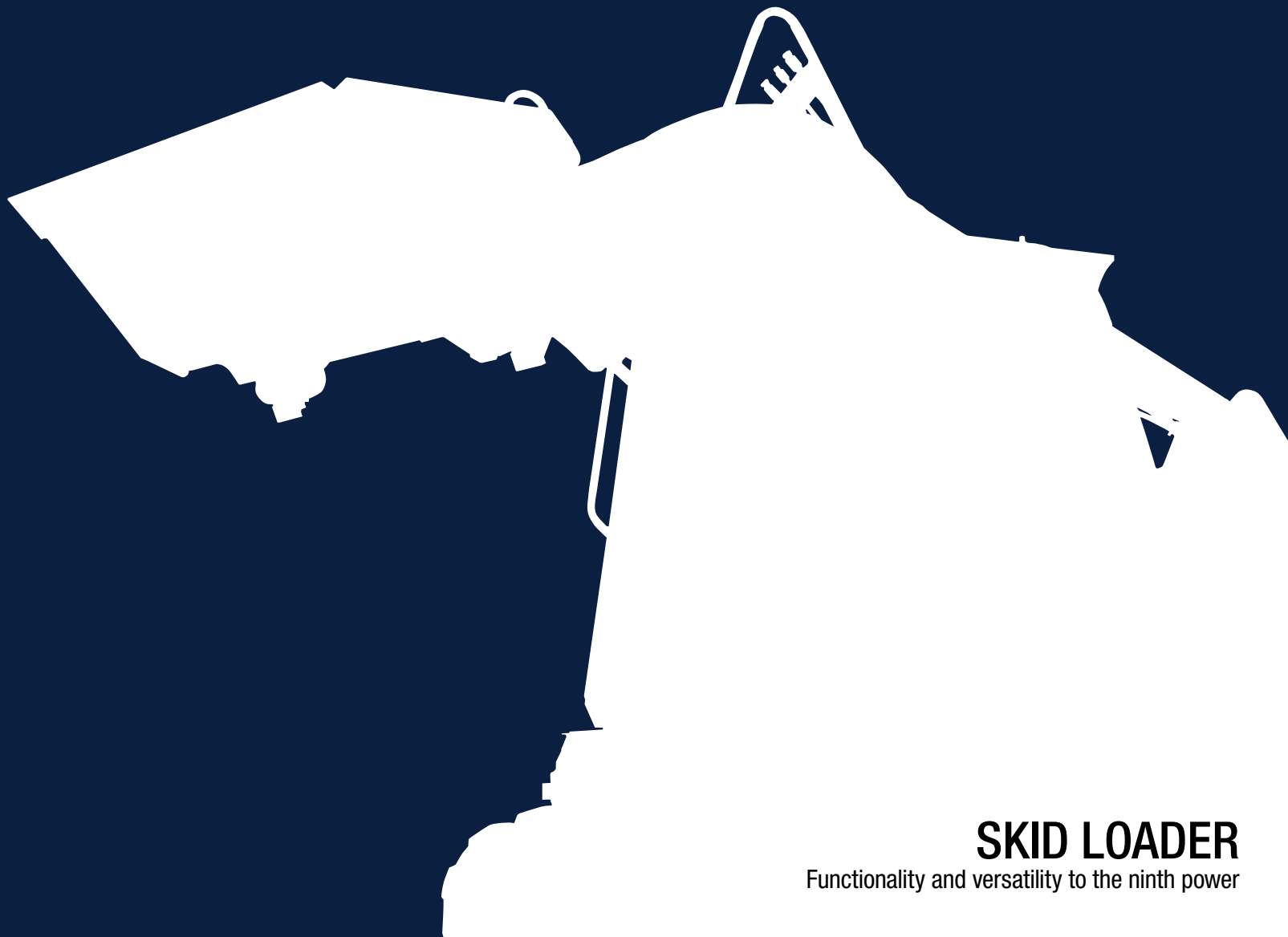
a	b	c	d	e	f	g	h	i	j	k	l	m
2910	1805	1105	3790	6170	900	475	1390	5170	3325	490	750	2750

Engine.....	Cummins QSL9 - Tier 4 (224 kW / 2200 rpm)
Weight.....	14020 kg
Payload capacity.....	11000 kg
Travel speed (low speed).....	0 / 8 km / h
Travel speed (high speed).....	0 / 11 km / h
Vessel internal dimensions.....	3545 x 2450 x 475 mm

Exceptional stability

IC120-2 offers the greatest loading capacity in its category. Every operation is controlled from a single hydraulic joystick. Simplified maintenance.

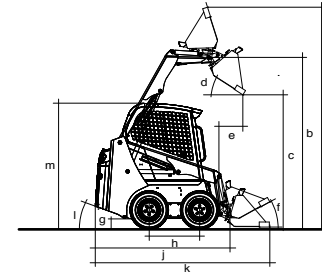




SKID LOADER

Functionality and versatility to the ninth power

AS12



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	j	k	l	m
3300	2540	1997	31°	360	34°	160	755	2007	2596	27°	1877

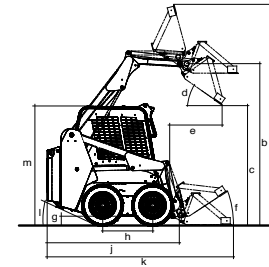
Engine.....	Yanmar 3TNV76
N° cylinders / displacement	3 / 1116 cc direct injection
Rated output	15.6 kW / 2500 rpm
Operating weight	1368 kg
Weight on delivery with bucket	1288 kg
Operating load	360 kg
Tipover load	720 kg
Breakout force	7.35 kN
Standard bucket width	1130 mm
Bucket capacity	0.18 m ³

Maximum flexibility in reduced spaces

Reliability, speed, servo-assisted joysticks and compactness are the strengths of the new KATO IMER skid-steer loader AS12, ideal to operate in confined spaces with the greatest flexibility and at the same time ensuring high performance. It is equipped with the Yanmar 3TNV76 1116 cc engine that achieves excellent performance even in the most complex and of difficult situations.



AS20



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	j	k	l	m
3595	2630	1954	35°	797	33,3°	145	814	2247	3009	24,8°	1980

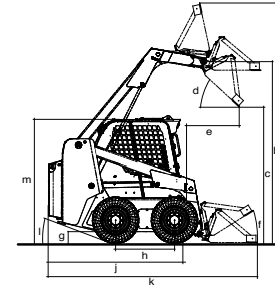
Engine.....	Kubota V1505-M Stage IIIA
N° cylinders / displacement	3 / 1498 cc
Rated output	26 kW / 2800 rpm
Weight on delivery	1846 / 1998 kg (without bucket / with bucket)
Operating weight	2095 kg
Payload capacity.....	435 kg
Maximum torque	105 Nm a 1700 rpm
Maximum travel speed	0-10.5 km/h
Bucket cylinders breakout force	15.56 kN
Standard bucket width	1270 mm
Bucket capacity strike / heaped	0.22 / 0.30 m³

Compact size with increased performance

The A20 is small and ideal to work in confined spaces where other machines cannot. The compact size and weight facilitate transport. The width of 1220 mm facilitates manoeuvres in narrow passages, corridors, small paths and gates, whereas the nominal operating capacity of 435 kg enables movements in full compliance as a result of an oversized pump ensuring performance from higher category machines.



AS25



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	j	k	l	m
3816	2892	2169	42,7°	662	32,1°	193	933	2559	3310	21,1°	2031

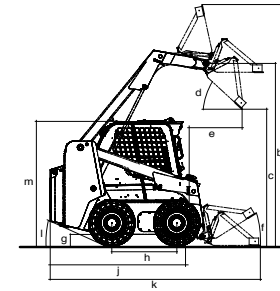
Engine	Kubota V2403-ME3B Stage IIIA
N° cylinders / displacement	4 / 2434 cc
Rated output	35.8 kW / 2500 rpm
Weight on delivery	2327 / 2501 kg (without bucket / with bucket)
Operating weight	2625 kg
Operating load	629 kg
Tipping load	1258 kg
Bucket cylinders breakout force	20.29 / 13.34 kN
Standard bucket width	1574 mm
Standard bucket capacity strike / heaped	0.27 / 0.37 m³

Powerful, stable and sturdy

The AS25 is a compact, agile and sturdy machine. A “small giant” equipped with exceptional hydraulic performance, even in confined spaces, thus more advantageous to the operator in terms of production and returns. The 2434 cc Kubota V2403-ME3B Stage IIIA engine delivers excellent performance in all situations.



AS28



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	j	k	l	m
3816	2892	2169	42,7°	662	32,1°	193	1026	2559	3310	23,7°	2031

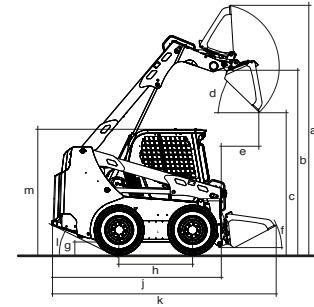
Engine.....	Kubota V2607-DI-T Stage IIIA
N° cylinders / displacement	4 / 2615 cc
Rated output	47.5 kW / 2500 rpm
Weight on delivery	2621 / 2801 kg (without bucket / with bucket)
Operating weight	2925 kg
Operating load	782 kg
Tipping load	1565 kg
Bucket cylinders breakout force	20.29 / 16,76 kN
Standard bucket width	1727 mm
Standard bucket capacity stike / heaped	0.28 / 0.39 m³

Balance of weights and perfect structure

The KATO IMER AS28 Skid Loader is powerful and compact, with top travel performance as a result of perfect distribution of the weight. Thanks to the auxiliary hydraulic system can be fitted with optional accessories that are useful to work in any environment and condition.



AS34



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	j	k	l	m
4100	3131	2344	44°	681	28°	200	1210	2820	3738	27,6 °	2051

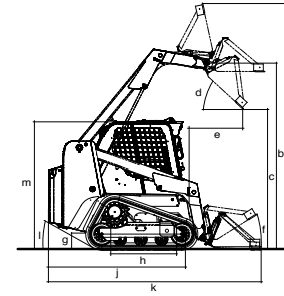
Engine.....	Yanmar 4TNV98T-Stage IIIA
N° cylinders / displacement	4 / 3320 cc direct injection
Rated output.....	61 kW / 2500 rpm
Weight on delivery with bucket.....	3550 kg
Operating weight	3640 kg
Operating load	1040 kg
Tipping load	2080 kg
Bucket cylinders breakout force.....	26,2 kN
Standard bucket width	1730 mm
Standard Bucket capacity stike / heaped.....	0.38 / 0.44 m³

Max attention to maintenance

With an operating weight of 3700 kg, the AS34 can handle a operating load of 1100 kg, and guarantees a breakout force of 2780 daN. Equipped with a Yanmar 4TNV98T-stage IIIA engine of 3320 cc displacement, rated 84.2 HP at 2500 rpm. Tilting cab and radiator and oil cooler with full opening system.



AT33



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	j	k	l	m
3849	2925	2198	42,7°	702	32,1°	225	1248	2549	3310	29,9°	2064

Engine	Kubota V2607-DI-T Stage IIIA
N° cylinders / displacement	4 / 2615 cc
Rated output	47.5 kW / 2500 rpm
Weight on delivery with bucket	3270 / 3451 kg (without bucket / with bucket)
Operating weight	3575 kg
Operating load	766 kg
Tipping load	2190 kg
Bucket cylinders breakout force	20.29 kN
Standard bucket width	1727 mm
Standard Bucket capacity stike / heaped	0.28 / 0.39 m³

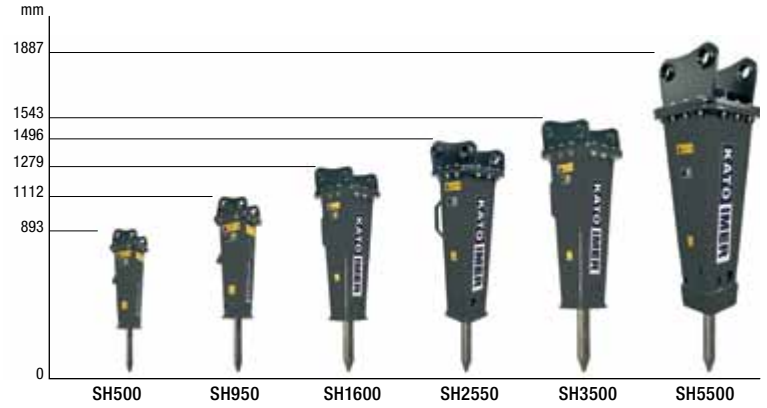
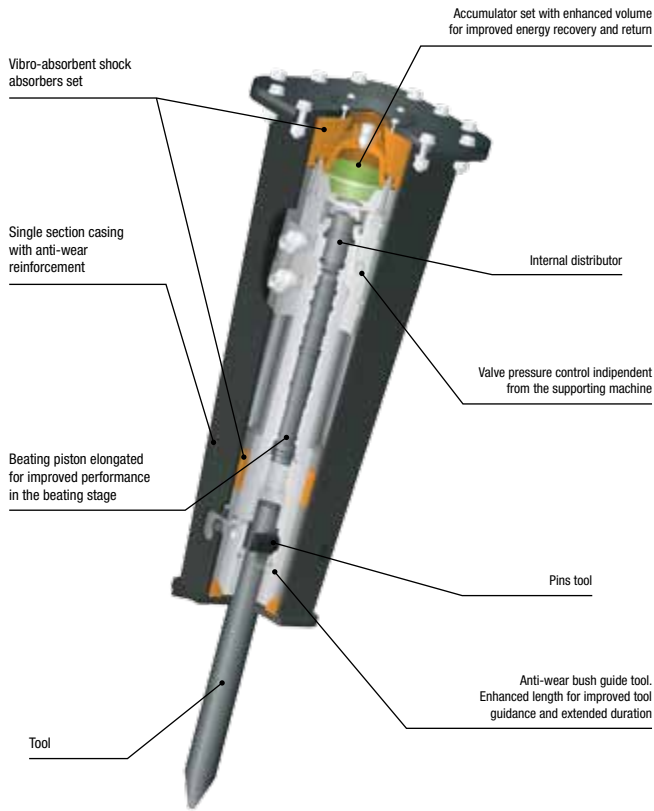
Track loader

The AT33 Track loader is agile and sturdy, a “small giant” as a result of exceptional hydraulic performance. AT33 has an operating weight of 3575 kg and a lifting force of 23.42 kN.





HYDRAULIC TOOLS



Hydraulic hammers

Innovative range of vibro-silenced hydraulic hammers from 54 kg to 568 kg that, for the concept of the supporting structure adopted, ensures minimum levels of acoustic pressure values, a real benefit for operating comfort and the environment. Easy to install on supporting machines, thanks to the stabilization of the internal hydraulic pressure and delivery characteristics..

TECHNICAL DATA	SH500	SH950	SH1600	SH2550	SH3500	SH5500
Version	Saddle/Plate	Saddle/Plate	Saddle/Plate	Saddle/Plate	Saddle/Plate	Saddle/Plate
Weight (kg)	60 / 54	100 / 88	180 / 162	255 / 236	350 / 330	568 / 504
Oil delivery (L / min)	15 ÷ 20	23 ÷ 32	30 ÷ 50	45 ÷ 85	60 ÷ 95	80 ÷ 110
Working pressure (bar)	130 ÷ 150	80 ÷ 120	80 ÷ 120	90 ÷ 130	70 ÷ 130	70 ÷ 130
Tolerated counter-pressure (bar)	max 25	max 29	max 25	max 25	max 30	max 30
Impact frequency (strokes / min)	1000 ÷ 1350	800 ÷ 1200	800 ÷ 1200	650 ÷ 1000	680 ÷ 720	480 ÷ 720
Impact energy (joule)	100 ÷ 122	150 ÷ 230	240 ÷ 360	450 ÷ 590	625 ÷ 830	680 ÷ 1060
Length with tool (mm)	893 / 784	1112 / 970	1279 / 1142	1496 / 1244	1569 / 1363	1887 / 15882
Tool diameter (mm)	36	48	53,7	67,5	77,5	81,5

MINI EXCAVATORS	9VXE	17VXT, 19VXT 12VXE, 17VXE	27V4, 30V4 35V4	35V4, 45V4 55V4, 60V4, 55N4	60V4, 55N4 85V4	-
SKID STEER LOADERS	-	AS12	-	-	AS34	AS34HF

AVAILABLE TOOLS RANGE: conic tool, asphalt cutting chisel, asphalt cutting spade.



AFTER-SALES

KATO IMER

KATO IMER provides continuous after-sales and technical-training assistance for all of the company's products, with actions aimed at maximising its own customer satisfaction, to create close and long-lasting relationships based on mutual trust, which is crucial to understanding and fulfilling everyone's needs and expectations.

Service

The main objective of the After-Sales Service is to ensure perfect operation and safety of the machinery through the continuous pursuit of technological solutions and the improvement of maintenance programs for the purpose of reducing costs and maintaining top machine performance.

KATO IMER's number one priority is to intervene quickly and effectively through its extensive network of Assistance Centres, it is always close to its Customers for every need with highly qualified on-site assistance.

KATO IMER periodically organises training courses for technicians and sales representatives, in a dedicated room at its main headquarters.

The training courses involve theory and practical lessons for each type of product and are organised into small groups of 10 people at most: new and historical dealers can therefore receive on-going training and refresher courses for their technicians and sales representatives on the entire range of KATO IMER products.

Spare parts

The efficient KATO IMER spare parts service provides its various partners with the spare parts required for KATO IMER machinery maintenance. Thanks to the excellent location of the spare parts distribution centre, KATO IMER receives, stocks and distributes spare parts coming from the various facilities of the group mainly spread over several continents. KATO IMER only offers high quality original spare parts, guaranteeing high performance and long service life.

The original filters are also supplied in kits according to machine model, at highly competitive costs maintaining the highest quality levels possible: this facilitates order and stock management.

Original KATO IMER crawlers have particular, specific characteristics and are the guarantee of very high quality and duration, offering the customer a real competitive edge.

All KATO IMER spare parts are assembled by KATO IMER-trained technicians and are covered by warranty to offer absolute assurance.



WARRANTY

Extension of the warranty

Maximum assurance

To enjoy maximum assurance even once the standard warranty expires (1st year), simply ask your usual KATO IMER dealer for information on the MA.MO.T. warranty extension scheme and work in full safety and assurance up to a maximum of 5 years following your purchase. Thanks to the assurance of being able to avail of the experience of authorised technicians and original parts for many years, KATO IMER machinery would certainly prove to be an excellent investment.

A broad range of possibilities

MA.MO.T. insurance coverage can be purchased for all new machines. You can work worry-free and protected against the risk of having to take on expenses stemming from unexpected repairs.

Annual coverage

The MA.MO.T. scheme includes electrical, hydraulic and/or mechanical failures caused by the unexpected and accidental breakage of one or more parts.

Authorised KATO IMER Assistance Centres

The warranty service is valid and recognised by all KATO IMER authorised Assistance Centres.

All of the warranty conditions are contained in the insurance policy.





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KATO IMER

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