EGHOLM

Technical data

Technical data

Stage V

Technical data on the City Ranger 3070 - basic machine and attachments

Technical specifications		Basic machine
Length	mm	3685
Width	mm	1221
Height / with beacon	mm	2000 / 2210
Weight basic machine [1]	kg	1800
Payload [1]	kg	1200
Gross vehicle weight (GVW)	kg	3000
Turning circle - kerb to kerb	mm	4120
Turning circle - inside	mm	1650
Engine: Perkins diesel 404J-E22TA [2]	hp / kW	74 / 55
4-wheel drive		Standard

[1] Includes: 75 kg operator and 90% fuel capacity.

[2] Temperature-dependant power regulation from 55 kW to 50 kW.

High flexibility and manoeuvrability

One machine - many functions

The City Ranger 3070 sets new standards in this machine class in many areas: multifunctional use, Quick-shift, manoeuvrability, operator comfort and environmental considerations, just to mention some.

Thanks to the unique Quick-shift, attachment changes can be made in just one minute. Simply pick-up the front attachment with the machine, turn the handle and all mechanical, hydraulic, water and electrical systems are connected and ready to go. It couldn't be easier! You can, therefore, easily use the machine for different tasks during the day without wasting time on attachment changes in the workshop. And we all know: time is money.

With the flexible articulation, the City Ranger 3070 has an incredibly small inside turning circle of only 1650 mm allowing operators to access confined spaces and to operate close to obstacles. Also with the basic machine weighing only 1800 kg, ground pressure is low enough to be used on sensitive surfaces like lawns and pavements.

Operating a machine for many hours a day can be demanding on the operator. Therefore, we have focused on ensuring optimum operator comfort. Factors such as a multi-adjustable working position, low cabin noise - only 68 dB(A), a unique ventilation system with A/C as standard and a 360 degree view of the work area are just some of the features contributing to a good working environment.

The powerful 74 hp Stage V diesel engine is based on future-proof technology technology. The City Ranger 3070 therefore meets the strictest emission requirements for diesel engines, and with that the limits set by most cities for particle emissions.

For City Ranger 3070 the following attachments are available:

Sweeping tasks
- Suction sweeper
- Weed brush

Groundcare tasks
- Rotary or mulch mower 1500
- Rotary mower 1500 for grass collection
- Triplex rotary mower 2500

Winter tasks
- Snow sweeper
- Snow blower
- Snow plough
- Snow V-plough
- Salt and sand spreader

Basic machine

- City Ranger 3070

Standard equipment:

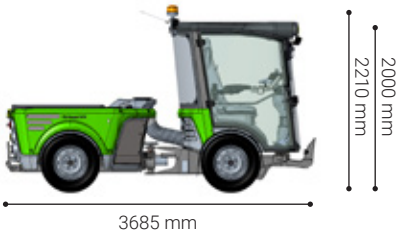
Tyres 195/75 R 16 (M+S)	All season tyres with good winter capabilities. M+S = Mud + Snow.
Drive	Permanent hydrostatic 4-wheel drive. Pure hydraulic-driven utility machine only requiring minimal maintenance.
Air condition	Air conditioning with ventilation and de-icing system. A/C provides a comfortable working environment.
Joystick	Multifunction joystick with 4,3" screen, integrated in armrest.
Regulation of brush speed	Speed regulation of front brushes, snow sweeper and weed brush.
Lights and mirrors	EU daytime running lights are standard. Mirrors are mounted on the side of the cabin.
USB plug	For mobile phone charger.
Trailer hitch	Ball hitch and electric plug for trailer. TÜV approved (acc. ECE R55).
Trailer plug	For the use of the trailers lights.
Weight transfer	Weight transfer and floating position possible.
Load suspension	Increases comfort during transport with attachment being mounted.
Seat	Air-suspended Grammer seat with textile and armrests. The comfort seat offers several adjustment possibilities ensuring a good working position for the operator.
Number plate holders	Number plate holders (front + rear) are integrated parts of the construction of the City Ranger 3070.
Change of attachments	Quick-shift change of attachments - no tools required (1 min.).
Colour	Green RAL6018.

Extra equipment (options):

Tyres 235/60 R 16 (M+S)	These tyres can be used universally (summer and winter) and generate less ground pressure than the narrower 195/75 R 16 tyres.
Tyres 195/70 R 15 (M+S)	When using snow chains, we recommend 15" tyres. Like the 16" wheels, these tyres also have an M+S code and are suitable for winter service use.
Tyres 27 x 10.50-15 BKT	The BKT lawn tyres are mainly intended for use on sensitive green areas. Due to the large contact surface, they generate very little ground pressure.
ISRI high-end comfort seat	The market leading ISRI comfort seat ensures good operator comfort and an ergonomic working position for long working days. Included: Air suspension adjusting to operator weight, heated seat, adjustable lumbar support, neck and back rest, armrest and 3 point seat belt.
Working lights - top & middle	Extra LED lights mounted just below the standard lights of the machine. These lights provide a clear overview of surroundings and obstacles. The middle LED lights provides an excellent view of the attachment, as well as close surroundings and confined spaces. All working lights are ideal for night operation.
Beacon & rear working light	Beacon and rear working light can be mounted in either left and/or right side of the machine. The rotating warning light alerts about the presence of the machine at a 360 degree angle. Beacon and rear working light come in set.
Rear view camera	For additional visual control of the rear area.
Suction mouth camera	For optimal visual control of the material in front of the suction mouth. Only in combination with the rear view camera.

Basic machine

- City Ranger 3070



Extra equipment (options): Continued...

Radio	Bluetooth radio with USB and AUX.
DAB+ radio	DAB+ radio with Bluetooth, USB and AUX.
Comfort package	Cruise control, hour counter (total numbers of hours) and trip hour counter (for counting of each task) as well as autolift (optional automatic lifting of the front attachments when reversing).
Heated side view mirrors	A convenient way to clear away ice, snow and dew from your mirrors.
Reversing alarm	An alarm when reversing increases the safety in city centers and pedestrian areas. Type: BU1.
Tip for trailer	Double-acting hydraulic connection for the use of trailer tip etc.
Anti-corrosion treatment	The anti-corrosion treatment of the basic machine is recommended when operating in the winter season.
Colour changes	The standard green colour can be changed to the desired RAL colour for your specific needs.
Door with window	Left or right door with window enables easy access to e.g. the card reader of car park barriers.

Video

Technical specifications

Dimensions		
Length	mm	3685
Width	mm	1221
Height / with beacon	mm	2000 / 2210
Wheelbase	mm	1900
Weights		
Weight basic machine [1]	kg	1800
Payload [1]	kg	1200
Gross vehicle weight (GVW)	kg	3000
Allowed axle load, front	kg	2000
Allowed axle load, back	kg	2000
Max. permitted trailer weight without brakes	kg	750
Max. combined weight without brakes	kg	3000
Max. permitted trailer weight with brakes	kg	2000
Max. combined weight with brakes	kg	5000
Performance		
Turning circle - kerb to kerb	mm	4120
Turning circle - inside	mm	1650
Max. speed [2]	km/h	40
Working hydraulic (PTO) front/rear - flow (@200 bar)	l/min.	0-60
Working hydraulic (PTO) front/rear - max. pressure	bar	230
Auxiliary hydraulic (AUX) front/rear - flow	l/min.	0-12
Auxiliary hydraulic (AUX) front/rear - max. pressure	bar	220
Noise level		
Passing - outside (EU 2015/96 Ann. III)	dB(A)	76
Operators seat - inside (EU 1322/2014 Ann. XIII)	dB(A)	68
Engine		
Model		Perkins diesel 404J-E22TA
EU norm		Stage V
Engine power [3]	hp/kW	74 / 55
Fuel tank capacity	l	50
EU vehicle class		**T2a**
Type approval		**EU regulation 167/2013**

[1] Includes: 75 kg operator and 90% fuel capacity.
[2] Model available with 25 km/h as max. speed.
[3] Temperature-dependant power regulation from 55 kW to 50 kW.

Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Video

Suction sweeper

- City Ranger 3070

Standard equipment:

Hopper As standard the hopper has a rotation filter system and a fresh water tank with 190 l capacity.

Front brush unit The unit consists of a suction mouth and two front brushes with a water nozzle on each.

Vacuum sensor Monitors the flow through the suction hose and gives an indication if the suctions hose is clogged. With this feature, the collection can be optimized.

Brush pressure system Activating the hydraulic weight distribution makes the front brushes follow ground variations. In addition, the operator can control the brush pressure from the controls in the cabin. Being able to easily adjust the brush pressure to match the types and levels of debris allows the operator to drive with the lowest needed pressure on the brushes, and thereby reduce the wear on them. The system enhances performance and reduces operating costs.

Hopper stand The stand for attaching, detaching and storing the hopper allows you to attach/detach the hopper in just 1 minute supporting the multifunctionality of the machine.

Recirculation water system By choosing the recirculation water system, you can ensure a constant cleaning of the suction pipe while sweeping sticky material. 160 litre is recommended.

Suction mouth The suction mouth, which is integrated into the front brush unit, is equipped with an automatic front flap. The front flap opens and closes automatically during sweeping. The advantage of the front flap is that the vacuum in the suction system remains optimal.

Collision protection As standard the brushes are equipped with spring-loaded hydraulic cylinders, which allow the brush arm to deflect in case of contact with obstacles. This reduces the risks of damage to the brushes and surroundings when operating with the brushes in the extended sweeping position.

Extra equipment (options):

3rd side brush The 3rd side brush is equipped with a spring-loaded and collisionproof function, increasing the service life of the brush while also safeguarding surrounding objects. The tipping function is controlled via the cabin joystick and the hydraulic system of the machine and can advantageously be activated when encountering depressions, gutters, kerbstones, and the like. With the 3rd side brush sweeping is possible at two levels: while the two front brushes sweep the road, the 3rd side brush can sweep the pavement.

Tiltable front brush function The front brush can be equipped with a function making it possible to tilt it. When the brush is placed in the outermost position, the tilt function can be used to achieve an extra angle of the brush of up to 7 degrees. The tilt-function is controlled via the cabin joystick and the hydraulic system of the machine and can be advantageously activated when encountering depressions, gutters, kerbstones, and the like. The tilt-function can be mounted on either right, left or both front brushes.

Electrical actuator If you want to adjust the front flap yourself, an electrical actuator can be purchased. The electrical actuator makes it possible to adjust the front flap steplessly via the joystick on the control panel. In this way, the suction can be adapted to any situation.

Wander hose The wander hose system is handy for areas out of reach of the suction sweeper unit. With easy access, great mobility and excellent suction performance, cleaning tasks around park bins, benches, steps, trees and other obstacles can be done in no time and with good results. Specifications: 5 m x Ø150 mm.

High pressure washer A long and flexible high pressure hose and lance makes the cleaning of statues, park bins and benches easy. The lance is ergonomic and water amounts can be adjusted to conserve water.
Specifications: 7.5 m hose, 100 bar and 10 l/min.

Wide-base tyres for the basic machine To improve the operator and driving comfort, whilst also reducing the ground pressure, we recommend wide-base tyres when using the suction sweeper. When wide-base tyres are mounted, the width of the basic machine is 1280 mm.

Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Suction sweeper

- City Ranger 3070

1430-1700 mm

4242-4670 mm

Technical specifications

Dimensions		
Length	mm	4242
Width	mm	1430-1700
Height / with beacon	mm	2000 / 2210
Length with 3rd brush	mm	4670
Width with 3rd brush	mm	2770
Storage dimensions		
Length with stand	mm	2600
Width with stand	mm	1700
Height with stand	mm	2060
Weights		
Weight [1]	kg	2270
Payload	kg	730
Weight - hopper (excl. options)	kg	330
Weight - front brushes, 2 brushes	kg	140
Weight - front brushes, 2 brushes + 3rd brush	kg	200
Hopper		
Hopper net volume (EN 15429-1)	l	950
Hopper gross volume	l	1050
Tipping height	mm	1700
Fresh water tank capacity	l	190
Recirculation water volume (recommended)	l	125

Technical specifications - continued...

Performance		
Working width - 2 brushes, min.	mm	1700
Working width - 2 brushes, max.	mm	2300
Working width - 3 brushes, max.	mm	2770
Turning circle - 2 brushes and hopper (wall to wall), min. - max. [2]	mm	4730 - 5580
Turning circle - 3 brushes and hopper (wall to wall), max. [2]	mm	5800
Brush speed	rpm	0-80
Brush diameter Ø	mm	850
Brush diameter Ø - 3rd brush	mm	570
Suction tube diameter Ø	mm	160
Ground clearance below suction mouth	mm	110
Ground clearance below brushes	mm	170
Dust levels: EUnited PM10 and PM2.5		****
Noise emissions		
Sound power level LwA (2000/14/EC and DIN EN ISO 3744)	dB(A)	108
CE certified according to EU directive		

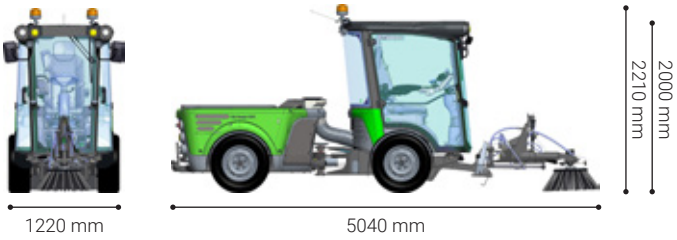
[1] Includes: hopper, 2 brushes, 75 kg operator and 90% fuel capacity.
[2] EN 15429-1

Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Video

Weed brush

- City Ranger 3070



Standard equipment:

Hydraulic adjustable brush The flexible brush is controlled by the hydraulic system of the machine. Its flexibility allows you to brush ¾ of the way around a lamppost.

Support strut Attaching and detaching is easy with the automatic support strut.

Brush regulator The brush regulator allows you to adjust the brush speed and the direction can be adjusted on the display for the best result.

Soft weed brush The flat steel bristles agitates and removes weeds while being gentle on surfaces. Ideal for flagstones that are susceptible to marking and need regular weeding. The weed brush can be mounted with either soft weed brush or hard weed brush as standard.

Hard weed brush The hard weed brush is a mix of flat steel bristles and steel wires. This is for heavy work on bigger, stronger weeds. Ideal for flagstones and asphalt paths that need regular weeding. The weed brush can be mounted with either soft weed brush or hard weed brush as standard.

Adjustable weight distribution For optimum functionality as well as minimum wear of the attachment.

Extra equipment (options):

Guard The guard prevents weeds from spreading over a wide area and for collecting the weeds under the vacuum nozzle.

Suction mouth & hopper A dedicated suction mouth makes it possible to combine the weed brush with the suction sweeper hopper allowing you to vacuum the uprooted weeds into the hopper immediately.

Soft weed brush Have you bought a weed brush mounted with a hard brush, a soft weed brush is available as an option.

Hard weed brush Have you bought a weed brush mounted with a soft brush, a hard weed brush is available as an option.

Technical specifications

Dimensions		
Length	mm	5040
Width	mm	1220
Height / with beacon	mm	2000 / 2210
Storage dimensions		
Length	mm	1500
Width	mm	1000
Height	mm	850
Weights		
Weight (weed brush)	kg	128
Performance		
Working width	mm	2100
Brush speed	rpm	0-114
Brush diameter Ø	mm	675
Ground clearance below suction mouth	mm	90
Ground clearance below brush	mm	330
Max. recommended operating speed	km/h	4
CE certified according to EU directive		

Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Video

Rotary/mulch mower 1500

- City Ranger 3070

1582 mm

4200 mm

Standard equipment:

Hydraulic tipping function — Using the control handle, the cutter can be tipped into vertical position for easy cleaning and maintenance of the cutter.

Hydraulic height adjustment — The cutting height is adjustable using the hydraulic system of the machine.

Mower blades — Self-developed mower blades for optimal cutting results.

Piano wheels — Piano wheels which move the cutter in line with the manoeuvring are equipped with heavy slide bearings in their wheel forks for durability.

Reverse function — The machine periodically reverses the air flow through the radiator to blow grass, etc., away from the radiator and intake grilles. This protects the engine and components.

Lawn protection screens — The lawn protection screens protect both the blades and the lawn. The screens prevent larger sharp or hard objects from hitting the knives, thereby reducing wear of the knives. The screens also protect the lawn, as you avoid them running down into the lawn if the mower is lowered too much.

Floating function — The floating function provides optimal terrain adaptation of the mower. For example, in very wet conditions, the floating function can be used to reduce the weight of the mower against the terrain.

Extra equipment (options):

Mulch mower kit — The rotary mower can be changed into a mulch mower with a new set of blades and a cover placed inside the same mowing deck. Mulching creates fine trimmings, which supply the soil with natural nutrients and reduces the need of fertilisers.

Tyres 235/60 R 16 (M+S) — These tyres can be used universally (summer and winter) and generate less ground pressure than the narrower 195/75 R 16 tyres.

Tyres 27 x 10.50-15 BKT — The BKT lawn tyres are mainly intended for use on sensitive green areas. Due to the large contact surface, they generate very little ground pressure.

Technical specifications

Dimensions		
Length	mm	4200
Width	mm	1582
Height / with beacon	mm	2000 / 2210
Storage dimensions		
Length	mm	990
Width	mm	1582
Height	mm	480
Weights		
Weight (rotary mower)	kg	137
Weight (mulch mower)	kg	145
Performance		
Ground clearance below mower	mm	140-190
No. of mower blades	pcs.	3
Cutting speed (tip speed)	m/sec.	77
Cutting width	mm	1500
Adjustable cutting height	mm	30-80
Theoretical mowing area - rotary	m^2/h	15000
Theoretical mowing area - mulch	m^2/h	13500
Max. recommended operating speed		
Rotary mower *	km/h	10
Mulch mower (shorter grass) *	km/h	9
Noise emissions		
Sound power level LwA (2000/14/EC and DIN EN ISO 3744)	dB(A)	107
CE certified according to EU directive		

* Depends on grass and height.

Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Rotary mower 1500 for grass collection

- City Ranger 3070

(in combination with grass collector)

1582 mm

4570 mm

Standard equipment:

Hydraulic tipping function — Using the control handle, the cutter can be tipped into vertical position for easy cleaning and maintenance of the cutter.

Hydraulic height adjustment — The cutting height is adjustable using the hydraulic system of the machine.

Mower blades — Self-developed mower blades for optimal cutting results.

Piano wheels — Piano wheels which move the cutter in line with the manoeuvring are equipped with heavy slide bearings in their wheel forks for durability.

Reverse function — The machine periodically reverses the air flow through the radiator to blow grass, etc., away from the radiator and intake grilles. This protects the engine and components.

Lawn protection screens — The lawn protection screens protect both the blades and the lawn. The screens prevent larger sharp or hard objects from hitting the knives, thereby reducing wear of the knives. The screens also protect the lawn, as you avoid them running down into the lawn if the mower is lowered too much.

Floating function — The floating function provides optimal terrain adaptation of the mower. For example, in very wet conditions, the floating function can be used to reduce the weight of the mower against the terrain.

Extra equipment (options):

Tyres 235/60 R 16 (M+S) — These tyres can be used universally (summer and winter) and generate less ground pressure than the narrower 195/75 R 16 tyres.

Tyres 27 x 10.50-15 BKT — The BKT lawn tyres are mainly intended for use on sensitive green areas. Due to the large contact surface, they generate very little ground pressure.

To be used in combination with an Egholm Approved grass collector - see separat datasheet.

Technical specifications

Dimensions		
Length (with mower 1500)	mm	4570
Width (with mower 1500)	mm	1582
Height / with beacon	mm	2000 / 2100
Storage dimensions		
Length	mm	990
Width	mm	1582
Height	mm	1000
Weights		
Weight (rotary mower for grass collection)	kg	155
Performance		
Ground clearance below mower	mm	140-190
No. of mower blades	pcs.	3
Cutting speed (tip speed)	m/sec.	77
Cutting width	mm	1500
Adjustable cutting height	mm	30-80
Theoretical mowing area - rotary	m^2/h	9000
Max. recommended operating speed		
Collection mower *	km/h	6
Noise emissions		
Sound power level LwA (2000/14/EC and DIN EN ISO 3744)	dB(A)	107
CE certified according to EU directive		

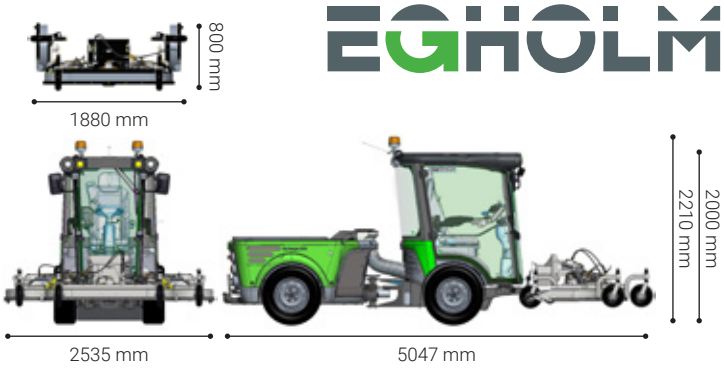
* Depends on grass and height.

Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Video

Triplex rotary mower 2500

- City Ranger 3070



Standard equipment:

Hydraulic controlled cutting wings — From the joystick in the cabin, the wings of the cutter can be adjusted according to your needs: both wings up, down or individual positions. Thereby, the cutting width can be adjusted to the task when you have a narrower space or when a larger lawn needs to be mowed. The possibility of making the width smaller with wings in an upright position is also an advantage during transport to and from the task.

Hydraulic tipping function — From the joystick in the cabin, the cutter can be tipped for easy cleaning and maintenance of the cutter or, if wished, a change of blades.

Manual height adjustment — The cutting height can be adjusted by moving the height rings on each of the wheels on the mower.

Specially developed blades — The cutter is as standard equipped with specially developed 4-in-1 blades which ensure a nice cutting result.

Piano wheels — Piano wheels (6 pcs.) move the cutter in line with the manoeuvring.

Reverse function — The machine provides the absolute best conditions for air supply and cooling by means of temporary air reversal through the cooling unit, which blows away any grass inside the intake grid.

Floating function — The floating function provides optimal terrain adaptation of the mower. For example, in very wet conditions, the floating function can be used to reduce the weight of the mower against the terrain.

Extra equipment (options):

"Low lift" blades — The blades can be replaced with "Low lift" knives, which due to their design, give smaller bio cuts. Suitable for cutting short grass and used in dry conditions.

Mulch mower kit — The rotary mower can be changed into a mulch mower with a cover placed inside the same mowing deck. Mulching creates fine trimmings, which supply the soil with natural nutrients and reduces the need of fertilisers.

Chain guard kit — Installing a chain guard prevents stones and other objects from being thrown away to the danger of passers-by.

Lawn protection screens kit — The lawn protection screens protect both the blades and the lawn. The screens prevent larger sharp or hard objects from hitting the knives, thereby reducing wear of the knives. The screens also protect the lawn, as you avoid them running down into the lawn if the mower is lowered too much. A kit consists of 5 pcs. screens.

Tyres 235/60 R 16 (M+S) — These tyres can be used universally (summer and winter) and generate less ground pressure than the narrower 195/75 R 16 tyres.

Tyres 27 x 10.50-15 BKT — The BKT lawn tyres are mainly intended for use on sensitive green areas. Due to the large contact surface, they generate very little ground pressure.

Technical specifications

Dimensions		
Length	mm	5047
Width	mm	1880-2535
Height / with beacon	mm	2000 / 2210
Storage dimensions		
Length	mm	1550
Width	mm	1880-2535
Height	mm	500
Weights		
Weight (rotary mower)	kg	365
Performance		
Ground clearance below mower	mm	250
No. of mower blades	pcs.	5
Cutting width, both wings down	mm	2480
Cutting width, one wing down	mm	2007
Cutting width, both wings up	mm	1533
Adjustable cutting height	mm	30-80
Theoretical mowing area	m^2/h	24800
Max. recommended operating speed		
Rotary mower *	km/h	10
Noise emissions		
Sound power level LwA (2000/14/EC and DIN EN ISO 3744)	dB(A)	107
CE certified according to EU directive		

* Depends on grass and height.

Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Video

Snow sweeper

- City Ranger 3070

Standard equipment:

Support legs The support legs are included on the snow sweeper, which make it easy to detach and store the sweeper. The support legs protect the brush when the sweeper is stored.

Brush pressure system Activating the hydraulic weight distribution makes the front brush follow ground variations. In addition, the operator can control the brush pressure from the controls in the cabin. Being able to easily adjust the brush pressure to match the need allows the operator to drive with the lowest needed pressure on the brush, and thereby reduce the wear. The system enhances performance and reduces operating costs.

Oscillating snow sweeper The snow sweeper has an oscillating movement allowing it to follow ground variations.

Trapeze mounting The trapeze mounting ensures the snow sweeper remains clear of the wheels of the utility machine at all times, whatever the angle. The snow sweeper automatically turns with the utility machine - always sweeping in front of the wheels of the utility machine.

Reverse rotation function Reversing the brush rotation ensures that the operator can sweep material when reversing out of an alley or parking spot, which ensures an excellent result.

Adjustable speed The rotation speed can easily be adjusted from the cabin to match the need for sweeping.

Extra equipment (options):

Extended brush guard Attaching a brush guard extends the snow sweeper cover, which minimises the snow whirling up on the front wind-screen. Furthermore, the guard makes it easier to control the direction of swept sand and gravel during summer operation. This can be retrofitted on existing snow sweepers as well.

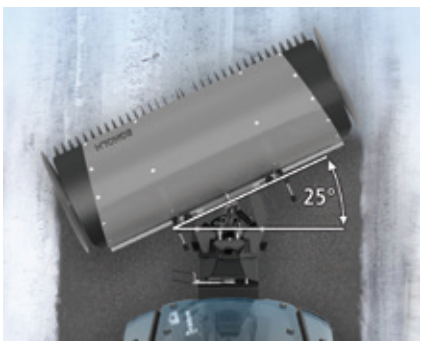
Tyres 235/60 R 16 (M+S) The wide tyres are also suitable for winter service. They also have an M+S identifier (snowflake), but generate less ground pressure.

Tyres 195/70 R 15 (M+S) When using snow chains, we recommend 15" tyres. Like the 16" wheels, these tyres also have an M+S code and are suitable for winter service use.

Anti-corrosion treatment The anti-corrosion treatment will extend the life of the attachment.

Technical specifications

Dimensions		
Length	mm	4630
Width	mm	1520
Height / with beacon	mm	2000 / 2210
Storage dimensions		
Length with support stand	mm	1100
Width	mm	1520
Height with support stand	mm	750
Weights		
Weight (snow sweeper)	kg	145
Performance		
Clearing width - straight	mm	1460
Clearing width - angled 25°	mm	1320
Ground clearance below brush	mm	340
Brush diameter Ø	mm	600
Max. recommended operating speed	km/h	15
Theoretical sweeping capacity	m^2/h	21900
Handling snow depth up to	mm	250
Brush speed	rpm	0-250
Turning angle		25°
CE certified according to EU directive		



Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Video

Snow blower

- City Ranger 3070

Standard equipment:

Hydraulic adjustment of the chute — The vertical and horizontal direction of the chute is hydraulically adjusted via the joystick from inside the cabin.

Safety feature — In case of clogging, the in-take of the machine is equipped with spring bolts to protect it from over-stress.

Adjustable weight distribution — For optimum functionality as well as minimum wear of the attachment.

Skid — The 2 skids are height adjustable to ensure that the blade adjusts to surface variations.

Blade — The snow blower has a replaceable blade.

Extra equipment (options):

Tyres 235/60 R 16 (M+S) — The wide tyres are also suitable for winter service. They also have an M+S identifier (snowflake), but generate less ground pressure.

Tyres 195/70 R 15 (M+S) — When using snow chains, we recommend 15" tyres. Like the 16" wheels, these tyres also have an M+S code and are suitable for winter service use.

Anti-corrosion treatment — The anti-corrosion treatment will extend the life of the attachment.

Technical specifications

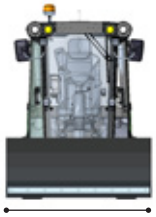
Dimensions		
Length	mm	4700
Width	mm	1330
Height / with beacon	mm	2300 / 2300
Storage dimensions		
Length	mm	1120
Width	mm	1330
Height	mm	1800
Weights		
Weight (snow blower)	kg	285
Performance		
Clearing width	mm	1300
Feed intake height	mm	700
Ground clearance below snow blower	mm	390
Auger diameter	mm	400
Blower diameter	mm	400
Axle revolutions	rpm	0-1100
Max. recommended operating speed	km/h	7
Noise emissions		
Sound power level LwA (2000/14/EC and DIN EN ISO 3744)	dB(A)	106
CE certified according to EU directive		

Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Video

Snow plough

- City Ranger 3070



1500 mm

4257 mm

Standard equipment:

Hydraulic angle adjustment — The snow plough angle can be adjusted from the controls inside the cabin, making it easy for the operator to adjust the blade when needed.

Safety tilt system — When operating in deep snow there is a risk of hitting obstacles. The safety tilt function reduces the risk of damages both to the snow plough and surroundings.

Adjustable weight distribution — For optimum functionality as well as minimum wear of the attachment.

Floating skids — The 2 skids are height adjustable and ensure that the blade follows ground variations.

Vulkollan scraper edge — The vulcanised rubber scraping edge is good for surfaces that require extra care. The scraper edge can be turned and used on two sides giving double usage and extended lifetime. The snow plough can be mounted with either vulcanised rubber scraper or steel scraper.

Steel scraper edge — The scraper edge can be turned and used on two sides giving double usage and extended lifetime. The snow plough can be mounted with either steel scraper or vulcanised rubber scraper.

Indication reflexes — Reflexes marking the edge of the snow plough increases the safety for both snow plough and surroundings.

Extra equipment (options):

Indication flags — Flags marking the edge of the snow plough allows for precise positioning and increases the safety for both snow plough and surroundings (incl. flex pole).

Side position lights — Side position lights increase the visibility of the snow plough.

Support wheels — Designed to operate at higher speeds. Operation is more quiet than with skids and they have less wear reducing costs.

Tyres 235/60 R 16 (M+S) — The wide tyres are also suitable for winter service. They also have an M+S identifier (snowflake), but generate less ground pressure.

Tyres 195/70 R 15 (M+S) — When using snow chains, we recommend 15" tyres. Like the 16" wheels, these tyres also have an M+S code and are suitable for winter service use.

Anti-corrosion treatment — The anti-corrosion treatment will extend the life of the attachment.

Technical specifications

Dimensions		
Length	mm	4257
Width	mm	1500
Height / with beacon	mm	2000 / 2210
Storage dimensions		
Length	mm	700
Width	mm	1500
Height	mm	650
Weights		
Weight (snow plough)	kg	183
Performance		
Clearing width - straight	mm	1500
Clearing width - inclined	mm	1360
Ground clearance below scraper	mm	390
Max. recommended operating speed	km/h	30
Handling snow depth up to	mm	400
Turning angle		25°
Theoretical performance	m^2/h	40800
CE certified according to EU directive		

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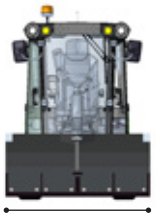
Video

Snow V-plough

- City Ranger 3070



Standard equipment:

Hydraulic angle adjustment — Each side/blade can be adjusted from the controls inside the cabin, making it easy for the operator to adjust the blades when needed.

Safety tilt function — When operating in deep snow there is a risk of hitting obstacles. The safety tilt function of lower part of the V-plough reduces the risk of damages both to the snow V-plough and surroundings.

Adjustable weight distribution — For optimum functionality as well as minimum wear of the attachment.

Extra equipment (options):

Rubber scraper edge — The rubber scraping edge is good for surfaces that require extra care. The scraper edge can be turned and used on two sides giving double usage and extended lifetime. The snow V-plough can be mounted with either rubber or steel scraper edge.

Steel scraper edge — The scraper edge can be turned and used on two sides giving double usage and extended lifetime. The snow V-plough can be mounted with either steel or rubber scraper edge.

Indication flags — Flags marking the edge of the plough allows for precise positioning and increases the safety for both snow V-plough and surroundings.

Side position lights — Side position lights increase the visibility of the snow V-plough.

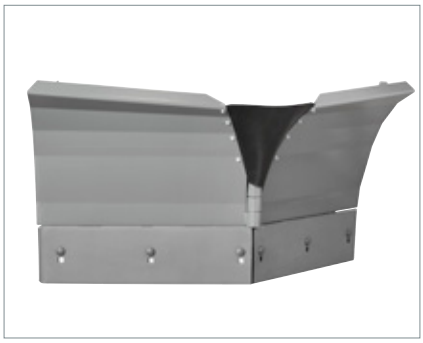
Tyres 235/60 R 16 (M+S) — The wide tyres are also suitable for winter service. They also have an M+S identifier (snowflake), but generate less ground pressure.

Tyres 195/70 R 15 (M+S) — When using snow chains, we recommend 15" tyres. Like the 16" wheels, these tyres also have an M+S code and are suitable for winter service use.

Anti-corrosion treatment — The anti-corrosion treatment will extend the life of the attachment.

Technical specifications

Dimensions		
Length	mm	4280
Width (straight)	mm	1500
Height / with beacon	mm	2000 / 2210
Storage dimensions		
Length	mm	800
Width	mm	1500
Height	mm	650
Weights		
Weight (snow V-plough)	kg	175
Performance		
Clearing width - straight	mm	1500
Clearing width - inclined	mm	1300-1500
Clearing width - 30°, Y- & V-form	mm	1300
Ground clearance below scraper	mm	240-320
Max. recommended operating speed	km/h	30
Handling snow depth up to	mm	450
Turning angle		30°
Theoretical performance	m^2/h	39000
CE certified according to EU directive		



Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Video

Salt and sand spreader

- City Ranger 3070

1220 mm

4305 mm

Standard equipment:

Start/stop function The start/stop function ensures that the spreading follows the motion of the vehicle. All spreading stops when the vehicle stops moving.

Tarpaulin cover A folded cover keeps the material dry and thereby indirectly improve the spreading accuracy.

Safety net/grid A net is placed on the top of the spreader to restrict access into the auger - thereby reducing risk of injuries. The net has an easy lock system, which makes it easy to remove if you need to get access to the auger.

Holes for forklift The spreader is constructed with two holes in the bottom which allows for attachment or detachment by a forklift or similar. Thereby the spreader can easily be stored on warehouse racks or similar when not in use.

Stirrer The stirrer prevents blocking, crushes lumps and ensures precise and uniform spreading - and thereby even thawing of the ground.

Ladder For easy inspection of spreader.

Speed dependant function Spreading of material depends on driving speed.

Extra equipment (options):

Stand A stand for attaching/detaching the salt and sand spreader. The stand has wheels, making it easy to move the spreader into storage without heavy lifting. The stand is the same as the one used for the suction sweeper - just use the included adaptor. In case you have a stand already, the adaptor can be bought separately.

Flash light / beacon Flash light / beacon on the salt and sand spreader ensures an extra safety parameter.

Rear working light The operator can inspect and adjust the spreading disc when working in dark conditions.

Auger cover for vacuum salt The cover ensures that tiny material such as vacuum salt, does not just run out of the spreader, which reduces the waste and increase the operation efficiency.

Tyres 235/60 R 16 (M+S) The wide tyres are also suitable for winter service. They also have an M+S identifier (snowflake), but generate less ground pressure.

Tyres 195/70 R 15 (M+S) When using snow chains, we recommend 15" tyres. Like the 16" wheels, these tyres also have an M+S code and are suitable for winter service use.

Anti-corrosion treatment The anti-corrosion treatment will extend the life of the attachment.

Technical specifications

Dimensions		
Length	mm	4305
Width	mm	1220
Height / with beacon	mm	2000 / 2210
Storage dimensions		
Length with stand	mm	2444
Width with stand	mm	1110
Height with stand	mm	2012
Weights		
Weight (spreader)	kg	295
Payload (spreader) [1)]	kg	950
Spreader		
Volume	l	600
Loading height	mm	1850
Performance		
Spreading width	mm	1500-6000
Max. recommended operating speed	km/h	30
CE certified according to EU directive		

[1)] With no attachment mounted on the A frame.

Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.

Notes

- City Ranger 3070

Notes

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Notes

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Honest Work.

Egholm A/S develops, produces and markets utility machines that keep roads, parks and outdoor areas clean and inviting all year round. We supply functional quality machines and attachments to people who do an honest day's work keeping our cities clean and attractive. With special attachments developed for the machines, Egholm machines deliver perfect results no matter the task at hand. Built by craftsmen in Denmark, Egholm machines are in operation in cities and parks all over the world.

Honest Machines.

Egholm utility machines are developed by people who are passionate about technology and innovation. We listen to the people driving, using and servicing Egholm machines, because they are the true experts. It is our mission to design, build and market utility machines that deliver perfect results in real life. Egholm machines are honest machines - not just because they deliver comfort, safety and strong end results: They are also a sound investment for years to come and give you outstanding return on your investment.

Honest People.

We want you to think of us as your partner in every single way. And we always insist on reliability, trust and honesty in our partnership with you and with our network of dealers and service partners. We are straightforward and direct in our communication and in our dealings with everyone. Our belief in hard work and unwillingness to compromise helps us deliver the quality for which we are known. And we believe it is reflected by the machines we build for you, as well.

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Egholm A/S - Specifications and details are subject to change without prior notice. Illustrations can be shown with extra equipment.