

# Technical data



Technical  
data

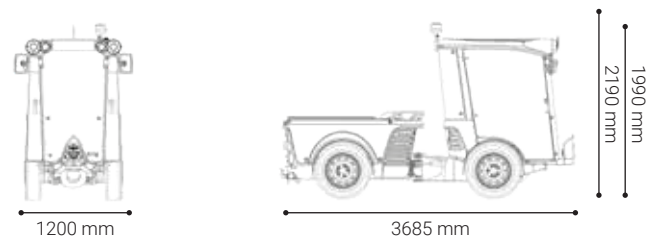
**Preliminary version**



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

## Basic machine

### - City Ranger 3070



#### Standard equipment:

- Air-condition** A/C provides a comfortable working environment.
- Comfort seat** The comfort seat offers several adjustment possibilities ensuring a good working position for the operator.

#### Extra equipment (options):

- Wide-base tires** Improve the operator and driving comfort, whilst also reducing the ground pressure.
- Grass/turf tires** Significant reduction of ground pressure gives access to sensitive areas and improves comfort. It is optimal for soft conditions due to a high traction - e.g. golf and football pitches. It also has good performance in snowy conditions.
- 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 or middle - bottom** The top lights provides a long distance view. The middle lights provide a clear middle range overview of surroundings and obstacles. One excludes the other. The bottom and wide 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 & loading light** The beacon and loading lights ensures good visibility of the machine and the work area behind the cabin.
- Rear view camera** Rear view camera with a colour screen ensures good visibility in confined spaces, where the operated path can be inspected. It also improves safety in pedestrian zones.
- Blue-tooth radio** FM or DAB+ with integrated speakers in the headliner.
- Software-Package** Cruise control improves the driving comfort and the operator can focus more on operation and steering. It is easy to keep track of the daily or weekly operating hours with the trip meter. With the auto-lift function you can select if the machine should automatically lift the attachment 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.
- Colour changes** The standard green colour can be changed to the desired RAL colour for your specific needs.

#### Technical specifications

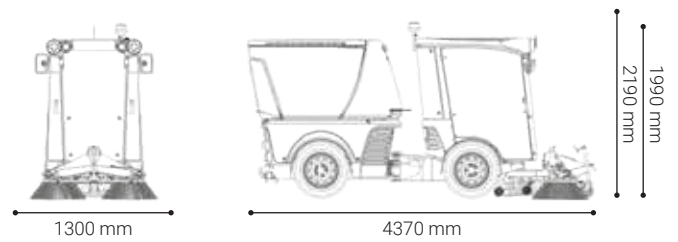
Dimensions		
Length	mm	3685
Width	mm	1200
Height / with beacon	mm	1990 / 2190
Weights & other data		
Weight basic machine <sup>1)</sup>	kg	1795
Payload	kg	1205
Gross vehicle weight	kg	3000
Allowed axle load, front	kg	2000
Allowed axle load, back	kg	2000
Max. permitted trailer weight without brakes	kg	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
Travel speed	km/h	40
Noise level		
Passing (Outside - 2009/63/EEC)	dB(A)	76
Operators seat (Inside - 2009/76/EEC)	dB(A)	69
Engine		
Model	Perkins diesel 404F-E22TA	
EU norm	Stage IIIB	
Engine power	hp/kW	67/50
Fuel tank capacity	l	50
CE certified according to EU directive		

<sup>1)</sup> Includes: 75 kg driver and 90% fuel capacity



## 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** Monitor the flow through the suction tube and get an indication if the hopper is full or the suction tube is clogged. With this the collection can be optimised.
- 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 driver 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.

### Extra equipment (options):

- 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, tress 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.
- Recirculation water system** By choosing the recirculation water system, you can ensure a constant cleaning of the suction pipe while sweeping sticky material. 125 litre is recommended.
- 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.

### Technical specifications

Dimensions		
Length	mm	4370
Width	mm	1300
Height / with beacon	mm	1990 / 2190
Weights & other data		
Weight <sup>1)</sup>	kg	2255
Payload	kg	745
Weight - hopper	kg	330
Weight - front brushes, 2 brushes	kg	130
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
Sweeping system & performance		
Turning circle - 2 brushes and hopper (wall to wall), min. - max. <sup>2)</sup>	mm	5217 - 5750
Working width - 2 brushes, min. (top plate brushes)	mm	1430
Working width - 2 brushes, max. (brushes)	mm	2300
Brush speed	rpm	0-150
Brush diameter Ø	mm	850
Suction mouth, width x length	mm	721 x 360
Suction tube diameter Ø	mm	160
Suction width, suction mouth, min. - max.	mm	370 - 705
Clearance below suction mouth	mm	110
Ground clearance below brushes	mm	170
Dust levels: EUnited PM10 and PM2.5		****
CE certified according to EU directive		

<sup>1)</sup> Includes: hopper, 2 brushes, 75 kg driver and 90% fuel capacity

<sup>2)</sup> EN 15429-1



## 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 that 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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