



Co-botic™ 1700  
Teamwork  
makes **the**  
**dream work**





It's not just  
about cleaning  
**It's about happy  
& healthy people**

While cleaning has never been more important, we believe effective cleaning is more than 'just' the removal of soil. It means ensuring the health and safety of people, while making the job easier, simpler, more efficient and even fun. It means consistent results all over the world, while protecting the world.

# Let's work together

## A human-robot collaboration

**Co-botic™ 1700 ensures a lot of happy faces as it can clean hard and soft floors autonomously, assisting the cleaner in repetitive duties. A cobot isn't meant to replace the (human) cleaner. Instead, it's meant to assist the cleaner. A cobot is a powerful tool that can ease the overall workload by performing repetitive and tedious tasks, like cleaning large floor areas. This way, the cleaner can avoid repetitive strain injuries, improve ergonomics, and use their abilities elsewhere.**

Cobotics technology makes it possible to automate a range of tasks via interaction between humans and robotics. By implementing cobotics into your cleaning operations, you maintain a high standard of cleaning with ultimate efficiency and less strain on the cleaner.

Having a cobot in your workforce means that tasks can be divided based on physical strength

and abilities. In other words, the cobot can take on heavy-duty, time-consuming, and repetitive cleaning, while maintaining a high and constant standard. This frees the cleaner up for other tasks, such as deep cleaning sanitary spaces, surfaces, and overall touch points. The cleaning staff can pay attention to the tasks that require insights and decision-making, which have a direct impact on the overall service levels. Their work becomes less strenuous and more fulfilling.





# I've got the moves

## About co-botic™ 1700







The co-botic™ 1700 is the ultimate robotic vacuum cleaner, that works together with the human cleaner. So a co-bot! It has long battery life, strong suction power, and a convenient small size for ease of transport. The co-botic™ 1700 is fast and efficient, as well as extremely intelligent. The cleaning area can either be mapped manually by the cleaner, or automatically by the co-bot. In both ways, the 1700 automatically determines the optimal cleaning route by itself.



# Work, your way

## 1 co-botic™ 1700, 3 editions

# 1

### The standard edition Co-botic™ 1700 with charging station

The co-botic™ 1700 comes with a compact charging station. Thanks to its small design, it can be discretely placed underneath furniture or in the corner of a room. The co-botic™ 1700 automatically returns to the charging station after cleaning.



### Optional upgrade Dust collector bin

**Do you need the co-botic™ 1700 to perform multiple cleaning routines without needing to empty the integrated dustbin?** No problem! With the optional dust collector bin, the co-botic™ 1700 can perform a daily cleaning route for 2-3 months (soft floor) before the bin needs emptying! The dust collector bin is a charging station and dust collector in one. After a cleaning routine, the co-bot automatically empties the dust from its integrated dustbin into the easily replaceable dust bag.





## CASE STUDY

# i-team Global Headquarters

Every day before office hours, one co-botic™ 1700 automatically vacuums the entire restaurant and bar floor area of i-team Global HQ. This equals

a surface of 250m<sup>2</sup> that does not have to be vacuumed manually. This time savings allows the cleaner to spend time on hard-to-clean spots.



### Work smarter, not harder Some interesting numbers

- A cleaner needs **± 10 minutes** to vacuum an unobstructed surface of **45m<sup>2</sup>**
- A cleaner needs **± 10 minutes** to vacuum an obstructed surface of **30m<sup>2</sup>**
- For **250 m<sup>2</sup>** (the restaurant and bar floor area) this would mean **83 minutes** of vacuuming every day. This equals **± 7 hours** per week and **± 360 hours** per year

# 2

## The portable edition Co-botic™ 1700 Drop & Go

Do you want to carry the co-botic™ 1700 with you? We got you. The co-botic™ 1700 Drop & Go has the same specifications as the co-botic™ 1700, but it's designed to be portable. Whereas the co-botic™ 1700 automatically returns to its charging station, the co-botic™ 1700 Drop & Go automatically returns to the point where you dropped it. This makes this edition perfect to clean spaces like hotel rooms or any other room where you don't want to leave the co-botic™ 1700 and its charging station in plain sight.



### Work smarter, not harder Some interesting numbers

1 hotel with 20 rooms adds up to 100 minutes of vacuuming every day. This means that the co-botic™ 1700 would save 100 minutes of cleaning per day, which equals:

**11.5**  
HOURS  
PER WEEK = **600**  
HOURS  
PER YEAR

### HOTEL

SAVE 5 MIN	SAVE 5 MIN	SAVE 5 MIN	SAVE 5 MIN
SAVE 5 MIN	SAVE 5 MIN	SAVE 5 MIN	SAVE 5 MIN
SAVE 5 MIN	SAVE 5 MIN	SAVE 5 MIN	SAVE 5 MIN
SAVE 5 MIN	SAVE 5 MIN	SAVE 5 MIN	SAVE 5 MIN
SAVE 5 MIN	SAVE 5 MIN	SAVE 5 MIN	SAVE 5 MIN

SAVE  
**600**  
HOURS  
PER YEAR!

## We'll go where you go Charging trolley

With the co-botic™ 1700 charging trolley you can easily move up to 6 co-bots at once. The trolley can contain multiple charging stations which are powered by just one plug. This is ideal for the efficient cleaning of a wide array of spaces, such as large hotels, council buildings, schools, universities and large commercial sites.

- Carry up to 6 co-botic™ 1700 vacuums
- Charge all co-bots simultaneously
- Powered by just 1 plug
- Large castor wheels for easy transport

Ask for our trolleys that are powered by i-power batteries!





## CASE STUDY

# KILLIS Ltd. and Travelodge Hotels

**KILLIS Ltd., valued i-partner, has sold 7.500 units of the co-botic™ 1700 Drop & Go to the hotel chain Travelodge. This will allow the hotel chain to clean up to 44.000 hotel rooms per day. And not only hotel rooms will be cleaned thoroughly. The co-botic™ 1700 will also add hallways, public spaces, bars, and cafes to its cleaning routine.**

Craig Bonnar, Travelodge's chief executive, said: "Automating vacuuming with the introduction of the Travelodge RoboVac Buddies is a fun, win-win solution which helps us to drive a greener, cleaner, and more efficient room clean. A Travelodge RoboVac Buddy has been allocated to each member of the housekeeping team in every hotel to support them during their shift by thoroughly vacuuming the room, including under the bed.



# 3

## Hotspot Easy Connect **Co-botic™ 1700 Pro**

Don't want to connect the co-botic™ 1700 to your company Wi-Fi? No problem. The co-botic™ 1700 Pro can create its own hotspot. Just insert a sim-card and let the cleaner connect their device directly to the co-botic™ 1700 Pro. It's that easy.





# The i-team philosophy



## **FASTER**

The co-botic™ 1700 can keep working for up to 270 minutes. It can work both daytime and nighttime. Don't worry about leaving the lights on, it cleans dark areas effortlessly. Co-botic™ 1700 returns to its loading dock to charge when the battery is empty.



## **CLEANER**

It's possible to program the co-botic™ 1700 with the i-team professional app and specify cleaning instructions. Alternatively, the co-botic™ 1700 can program itself to perform the most efficient cleaning job. You can use it in all kinds of rooms.



## **GREENER**

The co-botic™ 1700 is programmed to vacuum as precisely and efficiently as possible. Every bit of energy is used for cleaning - nothing wasted. Where the co-botic™ 1700 only uses 50W in one hour, several manual alternatives would easily be using 750W.



## **SAFER**

As the co-botic™ 1700 works on a battery, there are no cables involved. This instantly reduces the risk of falling hazards. By setting virtual boundaries in the app, you make sure the co-botic™ 1700 stays in designated areas. Additionally, the automatic cliff detection feature prevents the device from falling off stairs or other elevations.



...and **BETTER** for everyone!

By combining autonomous cleaning with the trained human eye, you can get most out of your cleaning operations. The operator and the machine make a perfect team as they can simultaneously execute repetitive and detailed cleaning jobs.

# I come prepared

## More about me

### A soft touch

The co-botic™ 1700 has a special bumper with which it gently bumps into objects. No worries, it's designed to have an extra soft touch. This way it can learn where objects are placed and avoid them in the future.



### Dust Collector Bin

It's possible to upgrade your cleaning experience with the co-botic™ 1700 docking station. The co-botic™ 1700 dust collector bin will automatically find the route to the docking station and empty itself.



### i-team professional app

Schedule cleaning days and times with the i-team professional app. The co-botic™ 1700 automatically divides spaces into zones, which you can select or deselect for a cleaning routine. It's also possible to have these zones cleaned in a specific order. Are there spaces the co-botic™ 1700 shouldn't go? No problem! Just setup virtual walls and no-go-zones.



## Brushes

Available in 4 sizes:

0.08, 0.1, 0.15 and 0.2 mm.

The smallest version comes standard. This 0.08 mm brush is the best solution for both hard and soft floors with medium pollution. The harder the floor and the bigger the particles to suck up, the larger the brush we recommend.



## At the push of a button

The included remote control can be used to manually start creating maps and to manually instruct the co-bot to clean a specific spot. You can also start a cleaning task or adjust the suction levels with it.



## Integrated dustbin

A small dust collector is integrated in the co-botic™ 1700. It can easily be emptied or even switched. A small tool to clean the brush and some parts is provided, as well as an easily replaceable dust filter.

Never miss  
**a spot.**





# Technical specifications

## Co-botic™ 1700

Power rate	50 W
Voltage	14.4 V
Suction Power	2700 Pa (automatic boost) / 1600 Pa (power) / 1200 Pa (Standard) / 600 Pa (Quiet)
Max. battery life single cleaning cycle	270 minutes
Charge time	240 minutes (0% -> 100%) / 120 minutes (20% -> 80%)
Sound Levels	73 dB / 67 dB / 65 dB
Max. driving speed	0.3 m/s
Max. drop for detection cliff sensors	20 mm
Max. slope	15°
Dust bin volume (internal)	400 ml
RPM main brush	1.300 rpm
RPM side brush (cleaning)	230 ± 15% r/min
RPM side brush (driving to charger)	120 ± 15% r/min
Battery	16.8 V / 5200 mAh
Dimensions	350 x 350 x 98 mm
Weight	3.4 kg



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## Seeing is believing

Schedule a demonstration today and discover how i-team can revolutionize your cleaning operation. We promise you'll be amazed

i-team Global HQ

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