

# Ranking

As of November 15, 2024

	Fleet Operators	Country	Robots	Microbots	Aggregated	Manufacturers
1	Phillips 66 <sup>2)</sup>	USA	7000	0	7000	ICE Cobotics
2	Walmart <sup>2)</sup>	USA	1850	0	1850	Tennant
3	Travelodge <sup>2)</sup>	GBR	0	7500	1500	KILLIS
4	Kum & Go <sup>2)</sup>	USA	400	0	400	ICE Cobotics
5	Sam's Club <sup>2)</sup>	USA	372	0	372	Tennant
6	FamilyMart <sup>2)</sup>	JAP	300	0	300	BIB
7	Mitie <sup>2)</sup>	GBR	72	800	232	Perfect Little Company, Gausium
8	Flagship Facility Services <sup>2)</sup>	USA	100	0	100	SoftBank
9	SMRT <sup>2)</sup>	SGP	89	0	89	Avidbots, LionsBot, Gausium
10	Daiei <sup>2)</sup>	JAP	79	0	79	SoftBank
11	Schnucks <sup>2)</sup>	USA	78	0	78	Tennant
12	Apleona Infra Services GmbH <sup>1)</sup>	GER	68	4	68.8	Kärcher, Hako, SoftBank, LionsBot, Gausium
13	Geiger Facility Management <sup>1)</sup>	GER	28	152	58,4	i-Team, ICE Cobotics, LionsBot
14	Group Atalian <sup>2)</sup>	FRA	55	0	55	Gausium
15	Huazhu Group <sup>2)</sup>	CHN	50	0	50	Gausium

	<b>Fleet Operators</b>	<b>Country</b>	<b>Robots</b>	<b>Microbots</b>	<b>Aggregated</b>	<b>Manufacturers</b>
<b>16</b>	ROSSMANN <sup>2)</sup>	GER	45	0	45	Gausium
<b>17</b>	Albert <sup>2)</sup>	CZE	40	0	40	Tennant
<b>18</b>	Pharmaceutical Company <sup>3)</sup>	GER	0	171	34.2	Cleanfix, iRobot
<b>19</b>	Veolia Solutions Deutschland GmbH <sup>1)</sup>	GER	32	0	32	LionsBot, Gausium
<b>20</b>	MAXI	SER	30	0	30	Gausium
<b>21</b>	Race Track Travel Centers <sup>2)</sup>	USA	25	0	25	ICE Cobotics
<b>21</b>	Millenium Services Group Limited <sup>2)</sup>	AUS	25	0	25	Avidbots
<b>23</b>	Obayashi Corporation <sup>1)</sup>	JAP	20	0	20	Kemaro
<b>24</b>	Dorfner Gruppe <sup>1)</sup>	GER	18	7	19.4	Gausium, i-Team, SoftBank, Cleanfix, Kärcher, Tennant
<b>25</b>	Incheon Airport <sup>2)</sup>	KOR	12	0	12	Gausium
<b>25</b>	Medirest <sup>2)</sup>	GBR	12	0	12	LionsBot
<b>27</b>	Bowling Green State University <sup>2)</sup>	USA	9	0	9	ICE Cobotics
<b>28</b>	Healthcare Company <sup>3)</sup>	USA	0	43	8.6	Cleanfix
<b>29</b>	Bright Blue Whale World <sup>2)</sup>	CHN	7	0	7	Gausium
<b>30</b>	J&H Family Stores <sup>2)</sup>	USA	6	0	6	ICE Cobotics
<b>31</b>	Healthcare Company <sup>3)</sup>	CHE	0	29	5.8	Cleanfix
<b>32</b>	Hospitality Company <sup>3)</sup>	SGP	0	27	5.4	Cleanfix

	Fleet Operators	Country	Robots	Microbots	Aggregated	Manufacturers
33	Facility Management Company <sup>3)</sup>	AUT	0	26	5.2	Cleanfix
34	Da Nang Airport <sup>2)</sup>	VNM	5	0	5	Gausium
35	Queen Alia International Airport <sup>2)</sup>	JOR	4	0	4	Gausium
35	Trafford Centre Manchester <sup>2)</sup>	GBR	4	0	4	LionsBot
37	KLR GMBH Reinigungs- & Hygienetechnik <sup>1)</sup>	GER	2	5	3	ICE Cobotics, ZACO
38	Penn State University <sup>2)</sup>	USA	2	0	2	CenoBots
38	Chhatrapati Shivaji Maharaj International Airport <sup>2)</sup>	IND	2	0	2	Peppermint
40	VAHLE Group <sup>2)</sup>	GER	2	0	2	Cenobots

### Information about the source

- 1) Verified submission by ranking participant
- 2) Press article / press release see appendix
- 3) FieldBots OS verified

# Appendix

#### Albert:

[https://www.robotics247.com/article/albert\\_czech\\_republic\\_deploys\\_40\\_autonomous\\_tenant\\_scrubbers\\_brainos](https://www.robotics247.com/article/albert_czech_republic_deploys_40_autonomous_tenant_scrubbers_brainos)

#### Atalian:

<https://europaproperty.com/atalian-signs-global-agreement-with-gausium-to-redefine-cleaning-with-technology/>

#### Bowling Green State University

<https://nbc24.com/news/local/bgsu-adopts-autonomous-floor-cleaning-robots>

#### Bright Blue Whale World

<https://www.instagram.com/gausiumofficial/reel/C2t0BLNxALs/>

#### Chhatrapati Shivaji Maharaj International Airport

<https://www.internationalairportreview.com/news/223107/autonomous-cleaning-robots-enhance-hygiene-at-csmia/>

# Appendix

## **Daiei:**

<https://link.springer.com/article/10.1007/s13162-022-00240-4>

## **Da Nang Airport**

[https://www.instagram.com/gausiumofficial/p/DA5eqhYxoYv/?img\\_index=1](https://www.instagram.com/gausiumofficial/p/DA5eqhYxoYv/?img_index=1)

## **FamilyMart:**

<https://asia.nikkei.com/Business/Retail/Japan-s-FamilyMart-to-roll-out-cleaning-robots-at-300-convenience-stores>

## **Flagship Facility Services:**

<https://flagshipinc.com/softbank-deploy-100-cobots-less-six-months/>

## **Huazhu Group:**

<https://gausium.com/case/chinas-hotel-giant-boosts-business-success-with-gausium-vacuum-40-diffuser/>

## **Incheon Airport:**

<https://www.wjbf.com/business/press-releases/ein-presswire/734721043/bigwaverobotics-deploys-sollink-enhanced-cleaning-robot-at-incheon-international-airport/>

## **J&H Family Stores:**

<https://chainstoreage.com/midwest-convenience-chain-jh-family-stores-deploys-cleaning-robots>

## **Kum & Go:**

<https://cstoredecisions.com/2023/02/06/kum-go-to-integrate-cleaning-robots/>

## **MAXI**

[https://www.instagram.com/gausiumofficial/p/C11IROorWUc/?img\\_index=1](https://www.instagram.com/gausiumofficial/p/C11IROorWUc/?img_index=1)

## **Medirest**

<https://remoracleaning.com/cleaning-robots-to-support-nhs-hospitals-across-the-uk/>

## **Millennium Services Group Limited**

<https://millenniumsg.com/our-approach/innovation-technology/>

## **Mitie:**

<https://www.mitie.com/wp-content/uploads/2023/07/Mitie-ESG-Report-2023.pdf>

## **Phillips 66**

<https://icecobotics.com/press-release/ice-cobotics-teams-with-phillips-66>

## **Penn State University**

[https://www.linkedin.com/posts/activity-7262558742389387265-TY0-?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/activity-7262558742389387265-TY0-?utm_source=share&utm_medium=member_desktop)

## **Queen Alia International Airport**

<https://www.zawya.com/en/press-release/companies-news/airport-international-group-partners-with-mena-facilities-management-to-deploy-high-tech-cleaning-robots-at-qaia-o00xshq4>

## **Race Track Travel Centers**

<https://www.cstorediver.com/news/racetrac-floor-scrubbing-robots-travel-centers-ice-cobotics/694882/>

## **ROSSMANN**

[https://www.linkedin.com/posts/philon-service-robotics-ag\\_robotik-innovation-automatisierung-aktivty-7263128730607276033-tOWe/?originalSubdomain=de](https://www.linkedin.com/posts/philon-service-robotics-ag_robotik-innovation-automatisierung-aktivty-7263128730607276033-tOWe/?originalSubdomain=de)

## **Schnucks**

<https://www.braincorp.com/resources/webinar-recap-how-schnucks-uses-robotics-innovation-to-deliver-better-customer-experiences-71ab6>

## **SMRT**

<https://www.facebook.com/SMRTCorpSG/posts/pfbid02itQHXYok9PpQxkb3Wd4CiTBwous1gXM-VtCp77BL7qBpPQerWDb3g9tV4RozzMcml?rdid=ltqgQyPDaQAKKe8q#>

**Trafford center Manchester**

[https://www.linkedin.com/posts/lionsbot\\_after-working-continuously-with-killis-and-activity-7216707144589484032-JPrM?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/lionsbot_after-working-continuously-with-killis-and-activity-7216707144589484032-JPrM?utm_source=share&utm_medium=member_desktop)

**Travelodge:**

<https://www.travolution.com/news/technology/travelodge-to-mobilise-uks-first-army-of-robo-vacuum-cleaners-for-hotels/>

**VAHLE Group**

<https://kareima.de/2023/06/22/anwenderbericht-autonome-reinigung/>

**Walmart:**

<https://roboticsandautomationnews.com/2019/04/10/brain-corp-to-supply-another-1500-floor-cleaning-robots-to-walmart/21817/>

## Further Information

### How we calculate the “Aggregated” column:

The aggregated number of microbots and robots is the decisive factor for placement in the “Biggest Fleet 2024” ranking. The division between microbots and robots is made to account for the widely varying investment costs. All FM robots with a purchase price of less than \$10,000 before tax are counted as microbots. Large robots are counted as the equivalent of 5 microbots.



### Do you want to participate?

Show the world that your company takes robotics seriously and spend a few minutes to become part of the only ranking for cleaning robot fleets.