

### Light-duty precision for clinical & patient zones



**Improve safety, efficiency, productivity, and patient care while cutting operational costs**

Celeste & Apollo vehicles are designed for secure, hygienic, and efficient transport of smaller payloads across sensitive hospital environments. These robots are ideal for patient-facing areas and clean environments.

### Key Applications

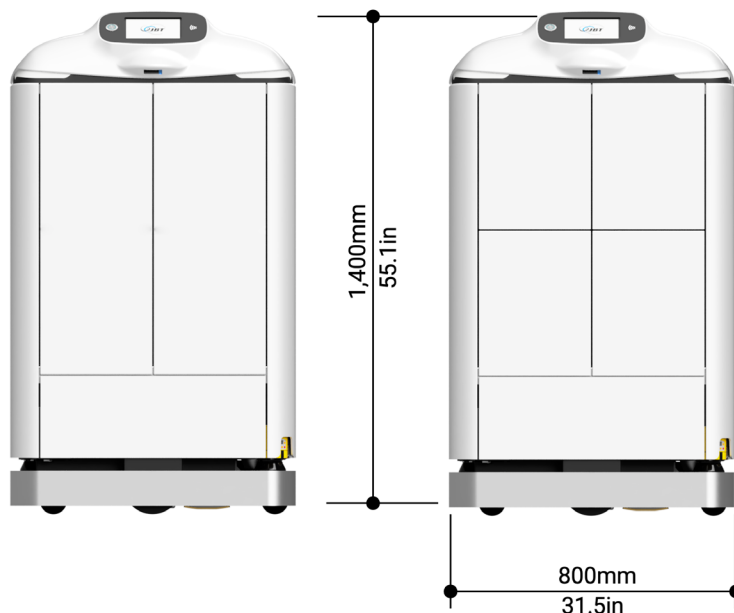
- Automated pharmacy & medication delivery
- Lab specimen transport
- Clean linen restocking
- Patient meal tray delivery & return
- Surgical kit & sterile supply delivery
- IV fluid & PPE distribution



Celeste

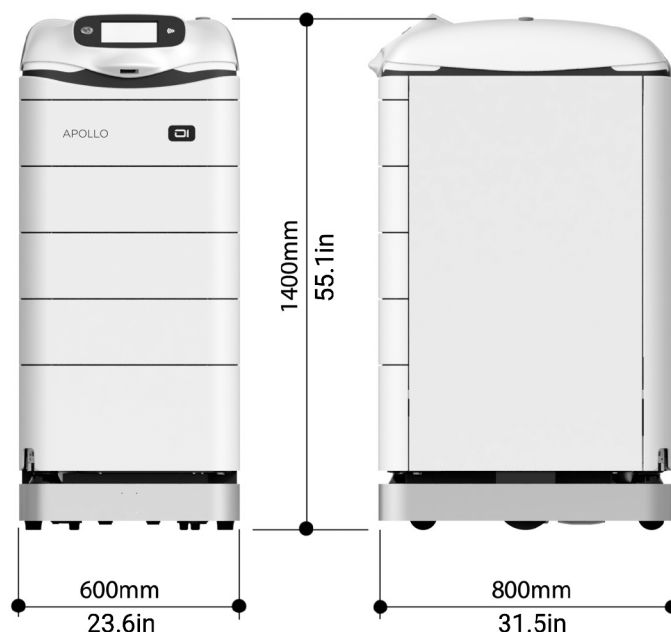


Apollo



### Specifications

|                     |                                          |                                                                                                      |                                                                               |
|---------------------|------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Dimensions & Weight | Vehicle size                             | L: 31.5 in (800 mm); W: 23.6 in (600 mm); H: 55.1 in (1,400 mm)                                      |                                                                               |
|                     | Vehicle weight w/o battery               | 595.2 lb (270 kg)                                                                                    |                                                                               |
| Payload & Features  | Maximum payload                          | 330.7 lb (150 kg)                                                                                    |                                                                               |
|                     | Vehicle configuration                    | 2 Doors:<br>L: 23.6 in (600 mm)<br>W: 15.7 in (400 mm)<br>H: 31.5 in (800 mm)                        | 4 Doors:<br>L: 23.6 in (600 mm)<br>W: 15.7 in (400 mm)<br>H: 31.5 in (800 mm) |
|                     |                                          | Electric lock; RFID reader; bar code reader; 7 in display                                            |                                                                               |
| Battery             | Battery chemistry<br>Battery performance | LiNMC 48V 40Ah<br>DoD: 70%; 6h run time; 2h charging time                                            |                                                                               |
| Performance         | Kinematics and drive<br>Speed            | Differential and bidirectional<br>197FPM (1.0 m/s)                                                   |                                                                               |
| Materials           | Chassis material<br>Shell material       | AISI 304<br>Polyurethane                                                                             |                                                                               |
| Communication       | Wi-Fi – WLAN 802.11a/b/g/n – 2.4/5 GHz   |                                                                                                      |                                                                               |
| Safety              | Safety devices                           | Two (2) SICK nanoScan3; One (1) E-stop button; safety control central unit SICK Flexi<br>Boxes: 360° |                                                                               |
|                     | Safety field shape                       |                                                                                                      |                                                                               |
| Environment         | Temperature                              | From 41° F to 95° F (5° C to 35° C)                                                                  |                                                                               |
|                     | Working relative humidity                | From 30% to 80% (absence of condensation)                                                            |                                                                               |



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|                     | Vehicle weight w/o battery               | 595.2 lb (270 kg)                                                                     |                                                                               |                                                                               |
| Payload & Features  | Maximum payload                          | 330.7 lb (150 kg)                                                                     |                                                                               |                                                                               |
|                     | Vehicle configuration                    | 1 Drawer:<br>L: 23.6 in (600 mm)<br>W: 15.7 in (400 mm)<br>H: 11.8 in (300 mm)        | 2 Drawer:<br>L: 23.6 in (600 mm)<br>W: 15.7 in (400 mm)<br>H: 5.9 in (150 mm) | 3 Drawer:<br>L: 23.6 in (600 mm)<br>W: 15.7 in (400 mm)<br>H: 5.9 in (150 mm) |
|                     |                                          | Electric lock; RFID reader; bar code reader; 7 in display                             |                                                                               |                                                                               |
| Battery             | Battery chemistry<br>Battery performance | LiNMC 48V 40Ah<br>DoD: 70%; 6h run time; 2h charging time                             |                                                                               |                                                                               |
| Performance         | Kinematics and drive<br>Speed            | Differential and bidirectional<br>197FPM (1.0 m/s)                                    |                                                                               |                                                                               |
| Materials           | Chassis material                         | AISI 304                                                                              |                                                                               |                                                                               |
|                     | Shell material                           | Polyurethane                                                                          |                                                                               |                                                                               |
| Communication       | Wi-Fi – WLAN 802.11a/b/g/n – 2.4/5 GHz   |                                                                                       |                                                                               |                                                                               |
| Safety              | Safety devices                           | Two (2) SICK nanoScan3; One (1) E-stop button; safety control central unit SICK Flexi |                                                                               |                                                                               |
|                     | Safety field shape                       | Boxes: 360°                                                                           |                                                                               |                                                                               |
| Environment         | Temperature                              | From 41° F to 95° F (5° C to 35° C)                                                   |                                                                               |                                                                               |
|                     | Working relative humidity                | From 30% to 80% (absence of condensation)                                             |                                                                               |                                                                               |