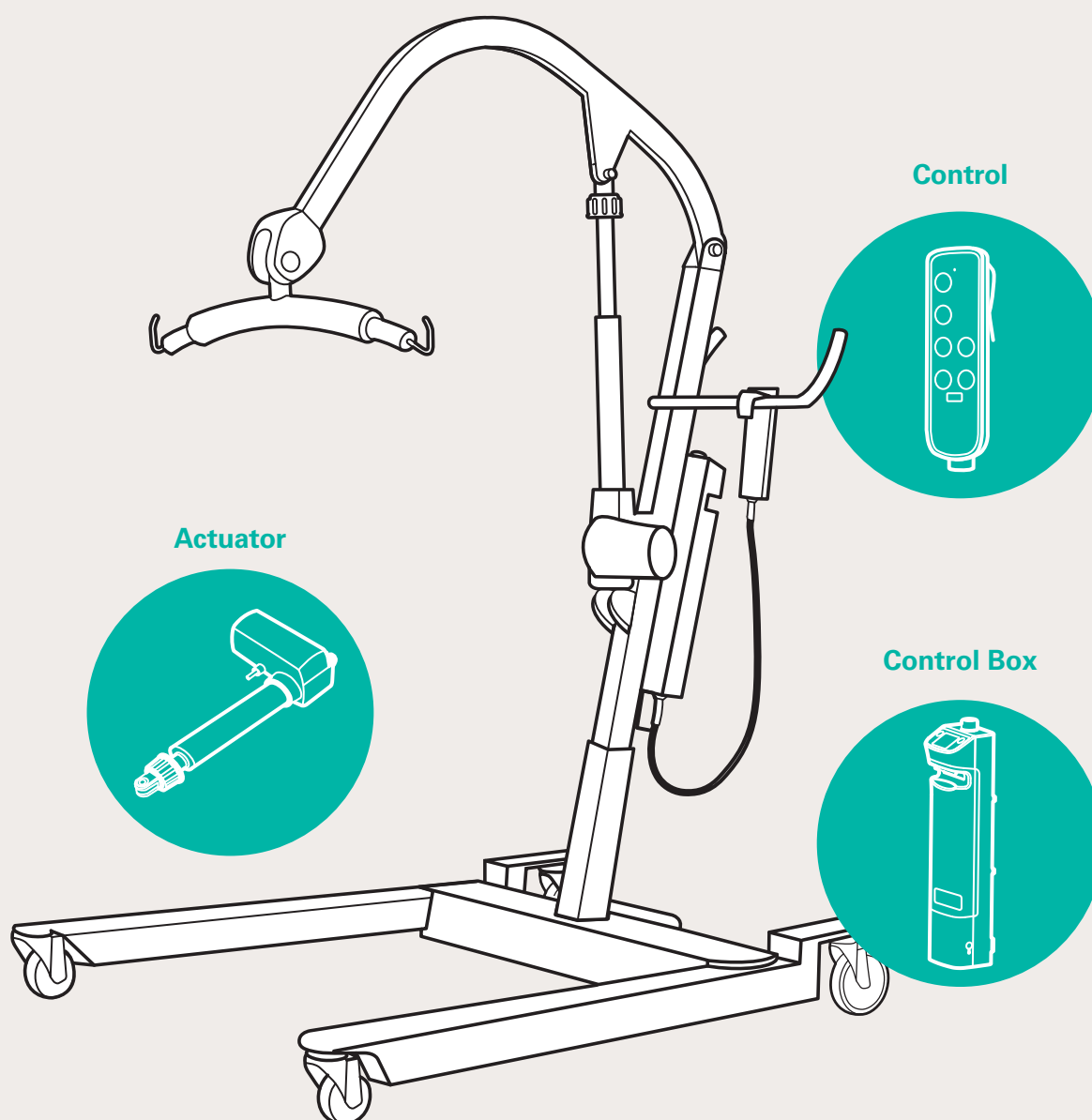


ACTUATION SYSTEMS for HIGH-END PATIENT LIFT APPLICATIONS

TiMOTION has created an optimal solution to meet specific patient needs and to secure a safe and comfortable transfer, as well as achieve a safe and efficient working environment for the caregivers.

This solution provides high-end patient lifts at hospitals.



AN INTELLIGENT ACTUATION SYSTEM FOR PATIENT LIFTS

TC12 and TC12AC are high-end control boxes for a patient hoist system which meets specific patient needs and secures a safe and comfortable transfer. Both of them offer multiple display and flexible battery charge options. The unique design of TC12AC is equipped with an AC plug to connect the power directly. Their slim physical design meets the installation dimension requirements. In addition, they offer flexible and customized key products based upon the customer's needs.



TC12 and TC12AC KEY FEATURES:

- Multiple LCD displays: No Display / Black-White / Color
- Detachable battery pack: 2.9Ah or 5Ah
- With wall mount battery charger-TBC2 (Note: charge cradle is optional)
- IP rating: Up to IP54
- Certificate: IEC60601-1, ES60601-1, IEC60601-1-2
- Emergency stop button
- Easy installation
- LED power indicator on the battery pack (optional)

Note: TC12AC has an AC plug, which provides an alternative charging approach.

System Overview

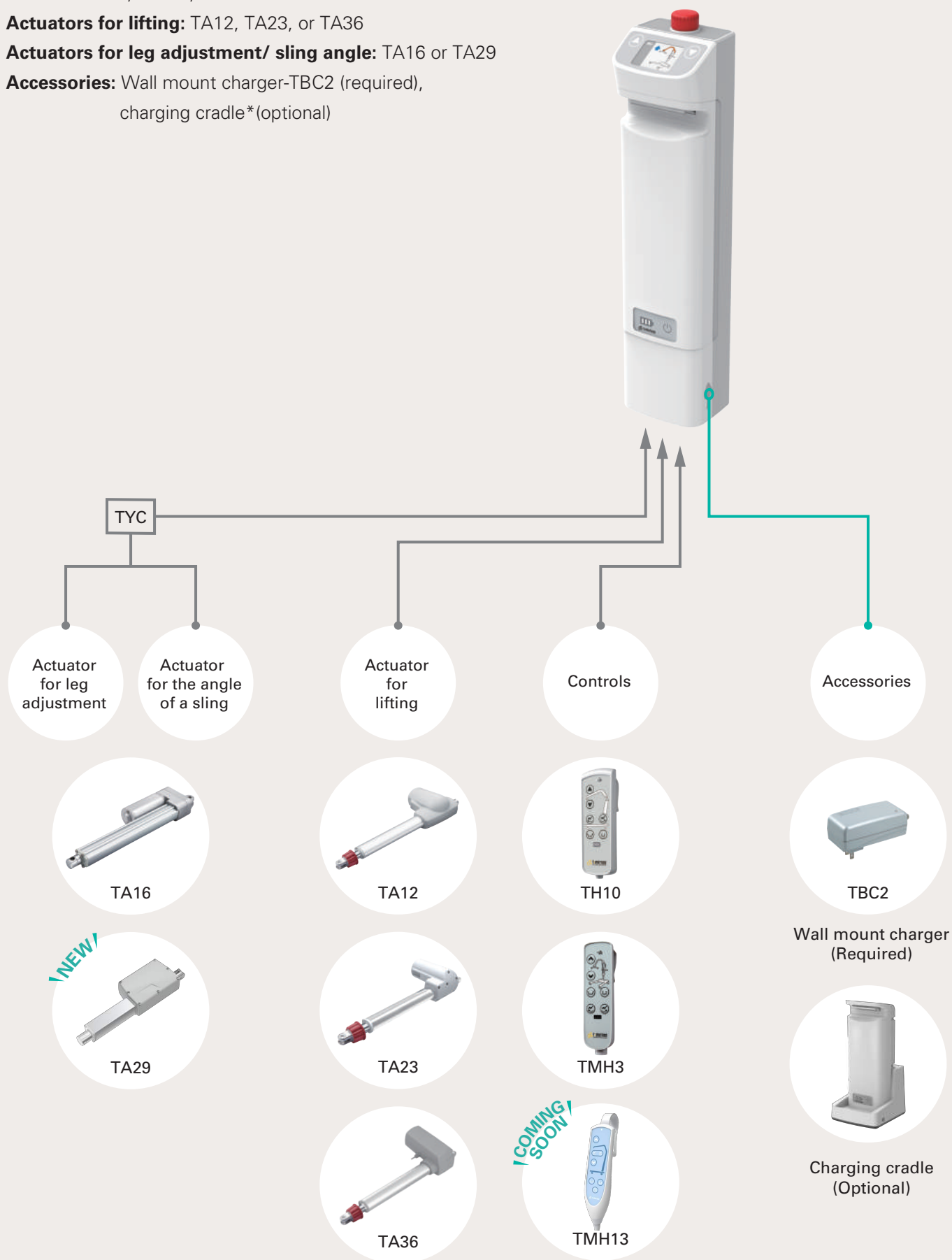
Control box: TC12 or TC12AC

Control: TH10, TMH3, or TMH13

Actuators for lifting: TA12, TA23, or TA36

Actuators for leg adjustment/ sling angle: TA16 or TA29

Accessories: Wall mount charger-TBC2 (required),
charging cradle*(optional)



*Note: One of TBC2's options is a charging cradle which allows the battery pack to charge separate from the control box.

COMING SOON



TMH13



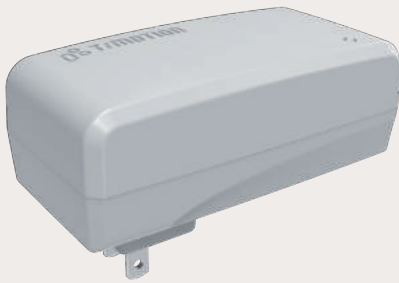
TMH3



TH10

CONTROL TMH13, TMH3 or TH10 SERIES

- TMH3 has a detachable handset cord
- Supports a maximum of three actuators
- LED indicator for the battery status
- Interface for lifting/ lowering, leg adjustments, and overload warning

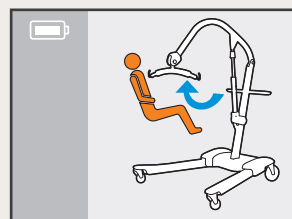
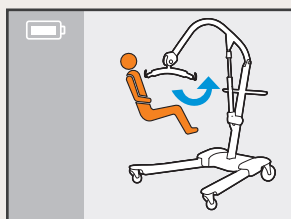
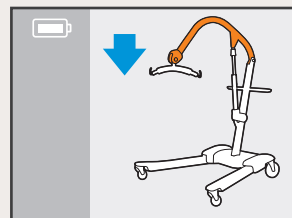
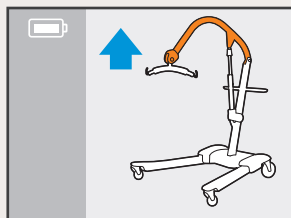
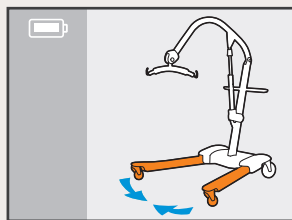
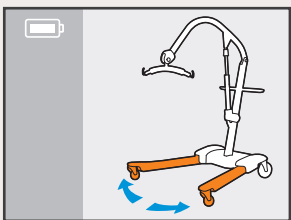


ACCESSORY TBC2 SERIES

- A wall mount battery charger for TC12
- *Note: The TBC2 must always be ordered separately when ordering TC12

Operation Status:

Control legs open / close and sling up / down



Notification

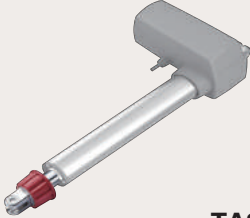
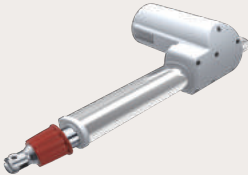
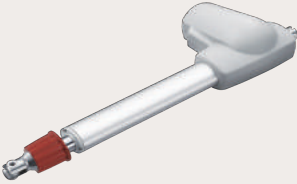
Alarm for low battery capacity, overloading, and safety switch to prevent over extending





Battery Status



Actuator for Lifting

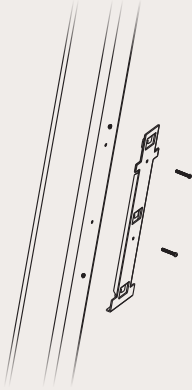
| Model | Maximum Load in Push | Maximum Speed at Full Load | IP Rating | Manual Release |
|--|----------------------|---|-----------|----------------|
|  <p>TA36</p> | 10,000N | 8mm/s (with 6,000N in a push condition) | IP66W | Available |
|  <p>TA23</p> | 8,000N | 4.4mm/s (with 8,000N in a push condition) | IP66 | |
|  <p>TA12</p> | 12,000N | 5.2mm/s (with 10,000N in a push condition) | IP66 | |

Actuator for Leg Adjustment / Angle of Sling

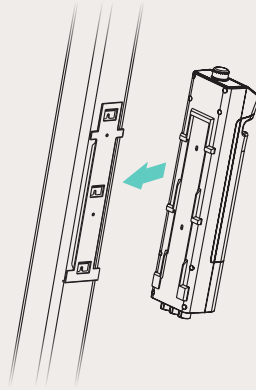
| Model | Maximum Load in Push | Retracted Length |
|--|----------------------|------------------|
| <p>NEW</p>  <p>TA29</p> | 4,500N | > 178mm |
|  <p>TA16</p> | 3,500N | ≥ Stroke+112mm |

Installation Guide

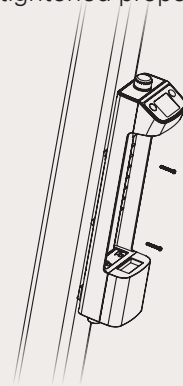
1. Install the bracket on the hoist frame



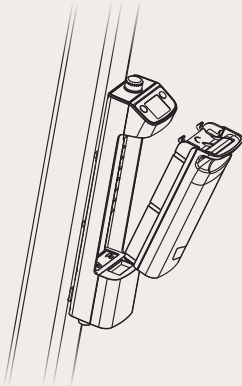
2. Install the TC12 on the bracket



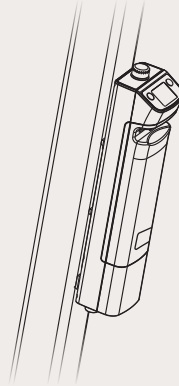
3. Make sure all fasteners are tightened properly



4. Install the battery

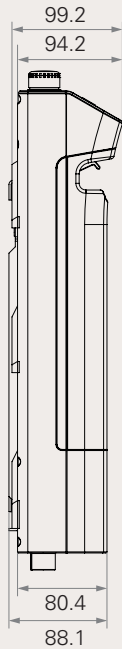


5. Installation is complete

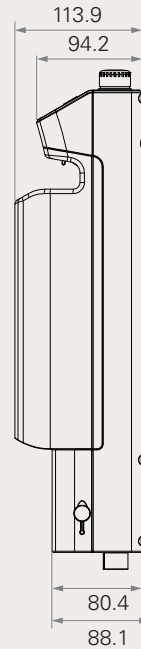
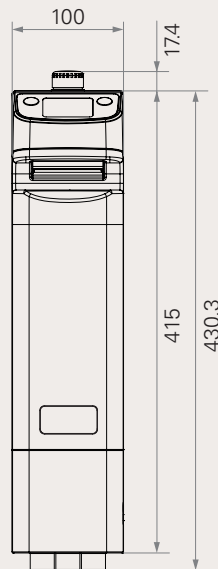


Standard Dimensions (mm)

Battery type: 24V, 2.9Ah



Battery type: 24V, 5Ah



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