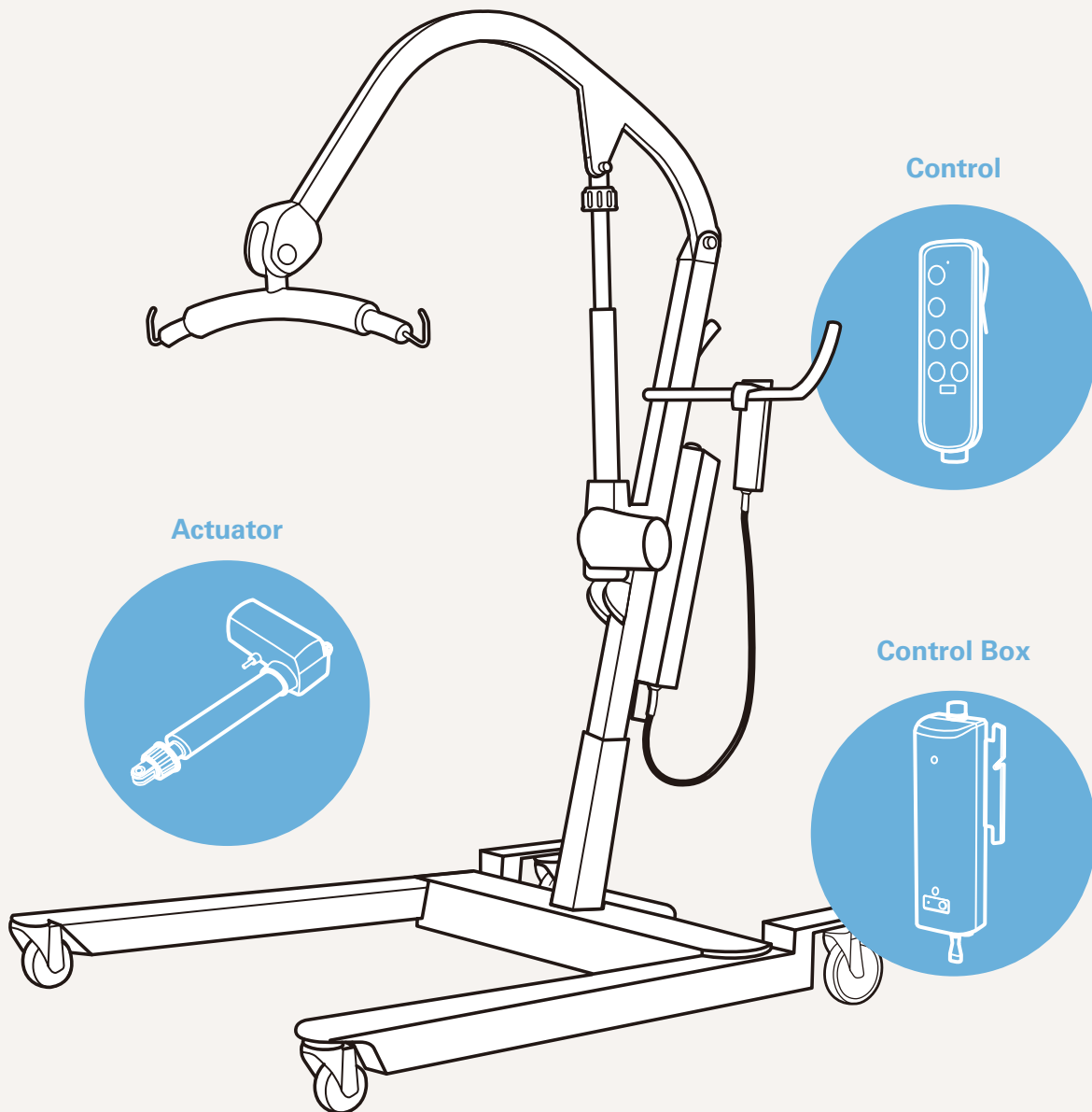


# ACTUATION SYSTEMS for NURSING HOME PATIENT LIFT APPLICATIONS

TiMOTION provides a simpler actuation solution for patient lifts. It offers an alternative for medical environments that require safe and easy-to-use patient transfer.

This solution ensures safety and comfortability in patient lifts at nursing homes.



# A SMART AND EASY TO USE ACTUATOR SYSTEM FOR PATIENT LIFTS

TC20 is a simpler control box for a patient hoist system which meets specific patient needs and secures a safe and comfortable transfer. It is portable and easily installable within nursing home applications.

## TC20 KEY FEATURES:

- Built-in battery pack: 2.9Ah or 5Ah
- Charging with AC cable & plug directly
- IP rating: Up to IP66
- Cable management bracket (optional)
- Emergency stop button
- Easy installation, only two screws required



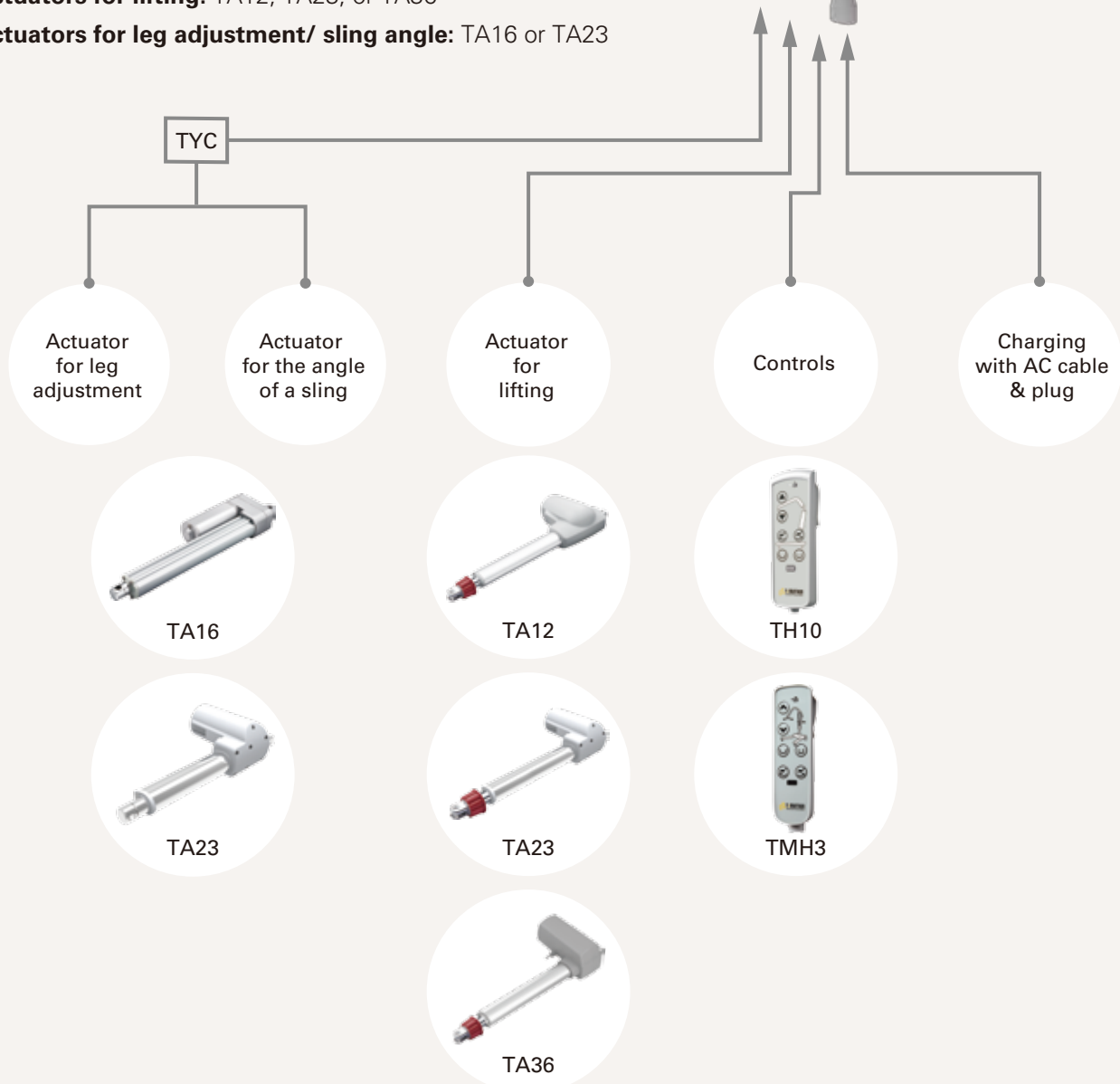
## System Overview

**Control box:** TC20




**Control:** TH10 or TMH3

**Actuators for lifting:** TA12, TA23, or TA36



**Actuators for leg adjustment/ sling angle:** TA16 or TA23



## Actuator for Lifting

Model	Maximum Load in Push	Maximum Speed at Full Load	IP Rating	Manual Release
 <b>TA36</b>	10,000N	5.4mm/s (with 10,000N in a push condition)	IP66	Available
 <b>TA23</b>	8,000N	4.4mm/s (with 8,000N in a push condition)	IP66	
 <b>TA12</b>	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
 <b>TA16</b>	3,500N	≥ Stroke+112mm
 <b>TA23</b>	8,000N	Stroke+163mm



**TMH3**



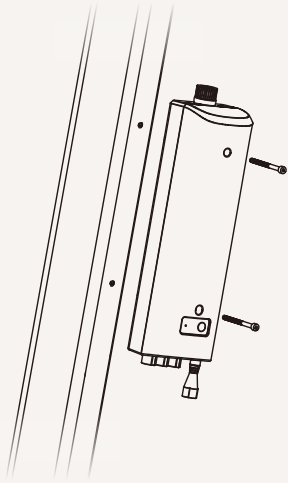
**TH10**

## CONTROL TMH3/ TH10 SERIES

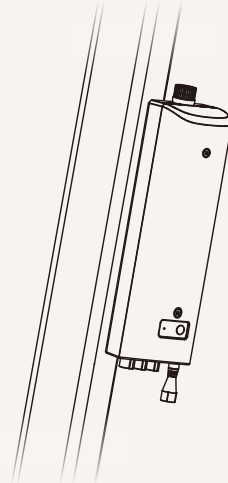
- TMH3 has a detachable handset cord
- Supports a maximum of three actuators
- LED indicator for the battery status
- Interface for lifting/ lowering, leg adjustments, and overload warning

## Installation Guide

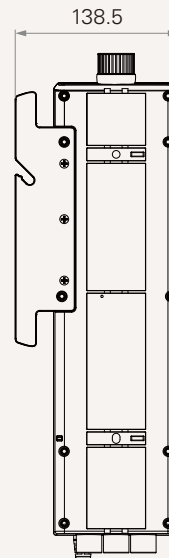
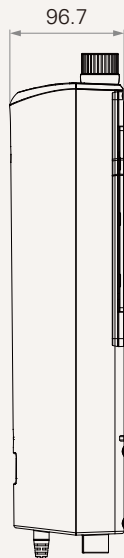
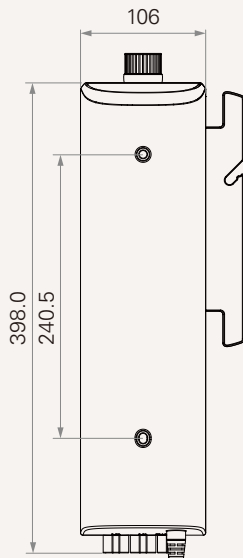
1. Install TC20 on the hoist frame



2. Install fixed screws of TC20. Make sure the screws are tightened properly



## Standard Dimensions (mm)



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