

INTUITIVE DRIVE ASSIST TECHNOLOGY

# IndiGo™



Transporting patients in hospital beds is a common patient handling task that can pose significant ergonomic risks for involved caregivers, such as nurses, porters and transport team members.<sup>1</sup>

At Arjo, we believe the right transport assistance solution should ensure caregivers have enough time and energy left for the job that matters most: caring for patients.

IndiGo is the intuitive drive assistance from Arjo that makes lighter transport available to any caregiver with just a touch – for safety and simplicity. IndiGo reduces the amount of work required to move the bed by up to 70%<sup>2</sup>, and enables a single caregiver to easily manoeuvre the bed from any position without the added complexity of separate controls or handles.

- Supports caregiver and patient safety
- Intuitive 'grab-and-go' operation
- Easy and seamless workflow integration

## Intended use for IndiGo

For hospitals looking to reduce ergonomic risk and support efficient workflows, IndiGo is the powered fifth wheel that is here to offer a helping hand.

IndiGo is intended to provide assistance for medical beds during patient transport. It should only be assembled on compatible Arjo medical beds and used by appropriately trained personnel.

Assembly, extensions, re-adjustments, modifications, technical maintenance and repairs must be performed by qualified personnel authorised by Arjo.

### Arjo support

Routine maintenance helps ensure the safety and reliability of your equipment. To maximise the long-term performance and value of IndiGo, please contact your Arjo representative for comprehensive support and maintenance.

#### EXISTING POWER CONNECTION

Connects to the original bed power cord, re-routing to the bed control box

#### INSTALLATION AND FITTING

IndiGo can come factory-fitted on new Enterprise® and Citadel™ beds, or it can be retrofitted to select Arjo beds frames

#### UNIQUE WHEEL ACTIVATION

Engages and disengages via an integrated magnet attached to the brake pedal connection bar



#### DISCREET LOW-PROFILE DESIGN

150 mm clearance under the bed (except in the centre)

#### ROBUST SWING ARM

Designed to withstand the impact of lifters and other equipment docking to the bed

#### BLUE ACTIVATION LIGHT

Clearly indicates when the wheel is activated or when the battery is low

#### Specifications

Li-Ion battery	25.2v nominal voltage, 4.3 amp capacity battery charge time from empty: ~4 hours
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Full battery achievable distance	5000m (3.10 miles)
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Low battery achievable distance	500 - 1000m (.31 - .62 miles)
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Critical battery time remaining	20 seconds
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Maximum speed for full assistance	5km/h (3mph)
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IndiGo wheel drive	Non-marking
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Degree of liquid ingress protection	IPX4
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Degree of protection against electrical shock	Class 1
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Allowed combination	Citadel Bed Frame System Enterprise 5000X Acute Care Hospital Bed Enterprise 8000X Acute Care Hospital Bed Enterprise 9000X Acute Care Hospital Bed
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Expected Service Life	The expected service life is 10 years when preventative maintenance is performed as specified in the Care and Preventive Maintenance section of the Instructions for Use (IFU) document
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Watt-hour rating	108 Wh Nominal
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Safe working load	IndiGo has the same Safe Working Load as the bed to which it is fitted
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#### Recycling

Battery	Lithium-ion. Not for disposal, only to be recycled
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Package	Wood and corrugated cardboard recyclable
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IndiGo	Electric, metal and plastic parts shall be separated and recycled according to (WEEE) and according to markings on the unit
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#### Operating, transport and storage conditions

Temperature (operating)	14°C to 35°C (57°F to 95°F)
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Temperature (transport and storage)	-29°C to 50°C (-20°F to 122°F)
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Relative humidity (operating)	20%-80%
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Relative humidity (transport and storage)	20%-90% at 30°C (86°F), non-condensing
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Atmospheric pressure (operating)	700 hPa to 1060 hPa
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Atmospheric pressure (transport and storage)	700 hPa to 1060 hPa
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#### Certifications and standards

IEC 60601-1:2005 + A1:2012
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Medical Electrical Equipment
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UN DOT 38.3
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Transportation Testing for Lithium Batteries
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EU Directive 2011/65/EU
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Restriction of the use of certain hazardous substances in electrical and electronic equipment
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**References:** 1. Paul, G. & Quintero-Duran, M. Ergonomic assessment of hospital bed moving using DHM Siemens JACK. Proceedings 19<sup>th</sup> Triennial Congress of the IEA, Melbourne 9-14 August 2015.  
2. Matz, M., Morgan, J. (2018). The Case For Powered Bed Transport (Whitepaper)