

Efficient in the critical area

Efficiently organises the work in critical areas.

Integrate In a single point, it integrates all the elements required to assist the patient.

Facilitates access to the patient it allows freedom of movement to the health care personnel; it permits total access to the patient perimeter.



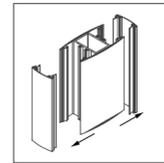
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Atlas in detail

Ceiling suspension pipes

They support, separate and guide

The gas piping and electrical wiring are separated by independent compartments inside the ceiling suspension pipes, accessible through pressure fixed aluminium end covers, facilitating the accessibility and maintenance.



At

Design

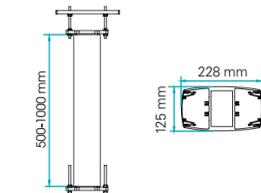
Its linear design makes it possible to adapt the length to the available space of the area. It permits equipping I.C.U. zones in an individual or shared configuration.

Multi-function horizontal unit

This is the main profile of Atlas. It fulfils the following functions:

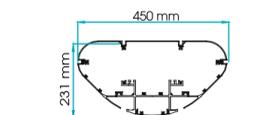
- It contains sockets for electrical sockets, gas outlets, communications connectors, direct lighting, indirect lighting and monitor lighting.
- It supports and guides the trolleys and equipment.

technical data



2 Suspension Pipes

Length	500 - 1000 mm
Set Net Weight	62 Kg - 85 Kg
Set Max. Load	481 Kg
Dimensions	228 x 125 mm



Suspended Bed Head Units

Length	2500 mm
Set Net Weight	45 kg *
Dimensions	450 x 231 mm

* net weight without elements.



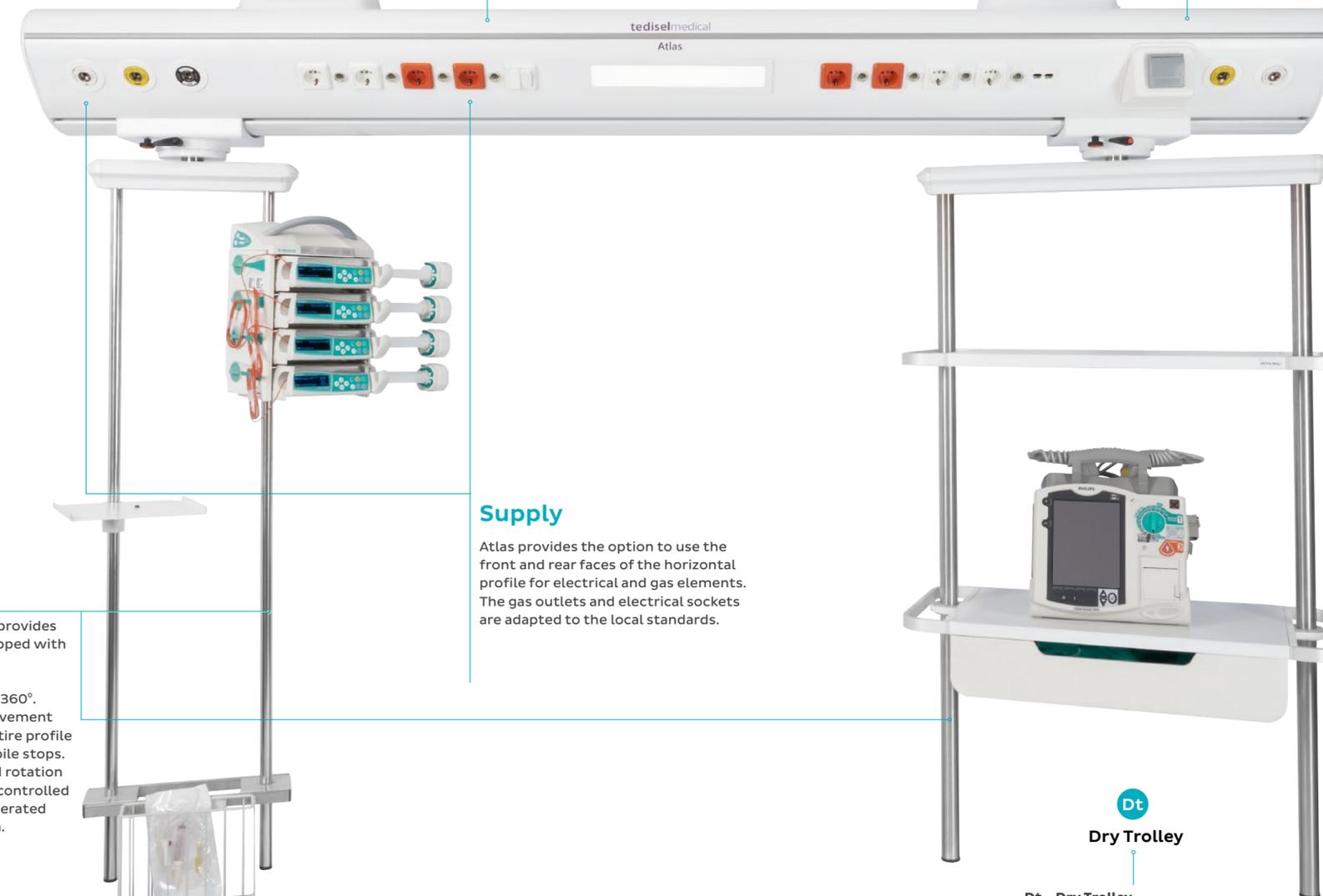
Shelf for Trolley

Dimensions	430 x 430 x 25 mm
Dimensions with technical rails	635 x 430 x 25 mm
Net weight	5,5 Kg
Net weight with technical rails	6 Kg
Max. Load	50 Kg



Shelf with Drawer for Trolley

Dimensions	430 x 430 x 145 mm
Dimensions with technical rails	635 x 430 x 145 mm
Net weight	13 Kg
Net weight with technical rails	13,5 Kg
Max. Load	40 Kg



Trolleys

The suspended unit provides an option to be equipped with movable trolleys.

- The trolleys rotate 360°.
- The translation movement throughout the entire profile is limited with mobile stops.
- The translation and rotation movement can be controlled with a manually operated mechanical system.

Wt
Wet Trolley

Wt - Wet Trolley

It is designed as support for the wet elements such as infusion pumps or infusion stands. For this purpose, it can be equipped with different accessories such as technical rails, IV drip stands, etc.

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Supply

Atlas provides the option to use the front and rear faces of the horizontal profile for electrical and gas elements. The gas outlets and electrical sockets are adapted to the local standards.

Dt
Dry Trolley

Dt - Dry Trolley

Are designed to contain elements such as monitors, ventilators, etc. For this purpose, they are equipped with different accessories such as trays, drawers, technical rails, examination lamps, etc.

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Atlas is a ceiling suspended system designed to cover the requirements in critical areas such as:

- Intensive Care Units (I.C.U.)
- Neonatology.
- Intermediate Care Units.
- Recovery Rooms for adults.



Based on the requirements of each project **in the critical area**, **Atlas** offers different solutions and highlighting the capacity to install supply units in its central profile and support for medical material in their trolleys.



Some references:

- Hospital universitario de Jaén, Spain
- Clínica Fátima, Sevilla · Spain
- Clínica Iberoamericana, Barranquilla · Colombia
- Clínica Internacional San Borja, Lima · Peru
- Lybian European Hospital, Lybia
- Vito Fazzi In Leece, Italy
- Burjeel Hospital, UAE
- Southern Philippines Medical Center (Davao), Philippines



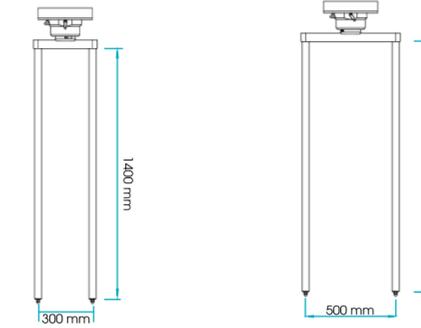
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Atlas

Ceiling Suspended System

technical data



Infusion trolley

Dimensions	300 x 1400 mm
Net Weight	16Kg
Max. Load	150 Kg
Rotation	360°
Brakes	Mechanical
Tubes Diameter	38 or 25 mm

Monitoring trolley

Dimensions	500 x 1400 mm
Net Weight	17 Kg
Max. Load	150 Kg
Rotation	360°
Brakes	Mechanical
Tubes Diameter	38 mm

Electrical System

Rated voltage	110/230 V~
Rated frequency	50-60Hz
Rated current	10A or 16A per circuit. 20A and 25A optional
Max. Number of circuits	Max. 10 circuits max with 4 sockets each

Lighting System (Led, on request)

Ballast	Ballast: conventional or dimmable
Direct light	Led 1x10W
Indirect light	Led 1x20W, led 2x20W
Night light	1,2W

Gas system

Compressed gases	5 bar
Compressed air-nitrogen supply to air motors	10 bar
Gas type	O ₂ -Air-N ₂ -O ₂ -CO ₂ -VAC-AGSS-Air 800-N ₂ 800

quality

Tedisel Management System and all our products are certified with quality seal **ISO 9001**, **ISO 13485** and **CE marking** granted by notified body **TÜV RHEINLAND**.

Tedisel, as medical device manufacturer, has the medical device manufacturer license number 6205-PS, granted by the Spanish Agency for Medicines and Health Products



Materials	6060/ 6063 T5
Structure	Aluminum (4 mm thickness)
Trolleys	Aluminum with epoxy painting
Tubes	Stainless steel AISI 304
Shelves	Aluminum / Stainless steel with epoxy painting
Technical rails	Stainless steel AISI 304

Installation

Minimal lateral side distance from wall***	300 mm
Minimal rear side distance from wall**	500 mm
Recommended height from floor	1800 mm

** to permit trolley rotation

Transportation and storage*

Ambient temperature	-10°C to + 60°C
Relative humidity	20% - 80%

* The following storage conditions apply for up to 15 weeks. After 15 weeks, the ambient conditions apply for operation.

Ambient conditions

Ambient temperature	+10 °C - +40°C
Relative humidity	Max. 75%

Classification

Directive 93/42/EEC	CLASS II B
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EC Conformity

Tedisel complies with the provisions of Directive 93/42/EEC (medical devices), ISO 11197 (medical supply units) and IEC 60601-1 (Medical electrical equipment - Part 1: General requirements for basic safety and essential performance)

Compatibility with other medical devices

Tedisel products may be equipped with medical devices from other manufacturers. Please follow the instructions provided by the manufacturers of this equipment for proper installation.

CE 0197

TÜV Rheinland LGA Products GmbH

All medical devices developed and manufactured in Tedisel, are regulated by the European Directive 93/42/EEC. All equipment has accreditation and certification of electrical safety and electromagnetic compatibility standards ISO 11197 and EN 60601.

