
The next generation:
MODUEVO ceiling supply units

GETINGE GROUP



Improving healthcare environments,
today and tomorrow



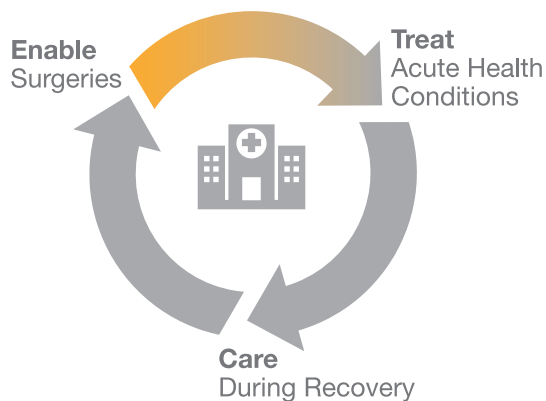
Continuum of care

Getinge, a **unique** customer offering

Getinge Group identifies real-world challenges to enhance efficiency and safety within Surgical Workflows, Acute Care Therapies and Patient and Post-Acute Care.

Developed through close collaboration with clinical partners, our technologies exceed customer expectations to enable, treat and care for patients.

Getinge's offering includes equipment, consumables and services for cleaning, disinfection and sterilization of instruments, as well as equipment for complete surgical workplaces and expanded treatment options. Our products promote efficient and reliable hospital workflows.



Enable Surgeries: Under the Getinge and Maquet product brands, we provide comprehensive infection control systems for hospitals. We also streamline tasks and improve ergonomics in surgical environments. Our advanced IT tracking systems improve management of sterile equipment and surgical instruments. And our sophisticated IT solutions are key to providing exceptional medical care – and help to minimize risks and ensure compliance. All this improves patient safety and enables more efficient utilization of resources, including staff and equipment.

As a result, Getinge Group is one of the world's leading providers of medical products for diverse healthcare scenarios. A prime example of its commitment to excellence is its innovative, MODUEVO portfolio of ceiling supply units. Suitable for use in ORs, ICUs and a wide variety of other situations, MODUEVO improves ergonomics, leading to greater efficiency and safety – for staff and patients alike.

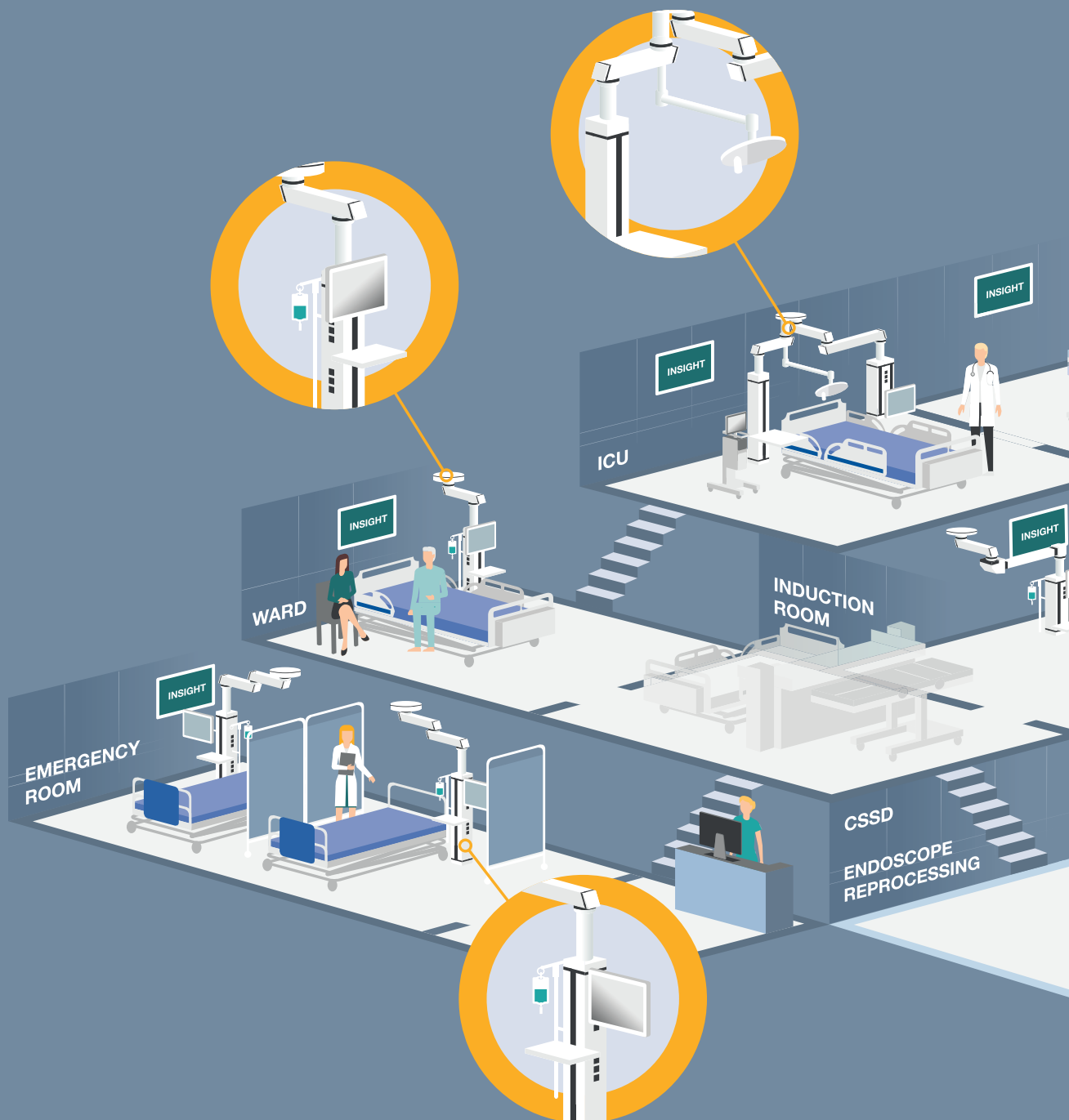
Read on to discover more – and be inspired.

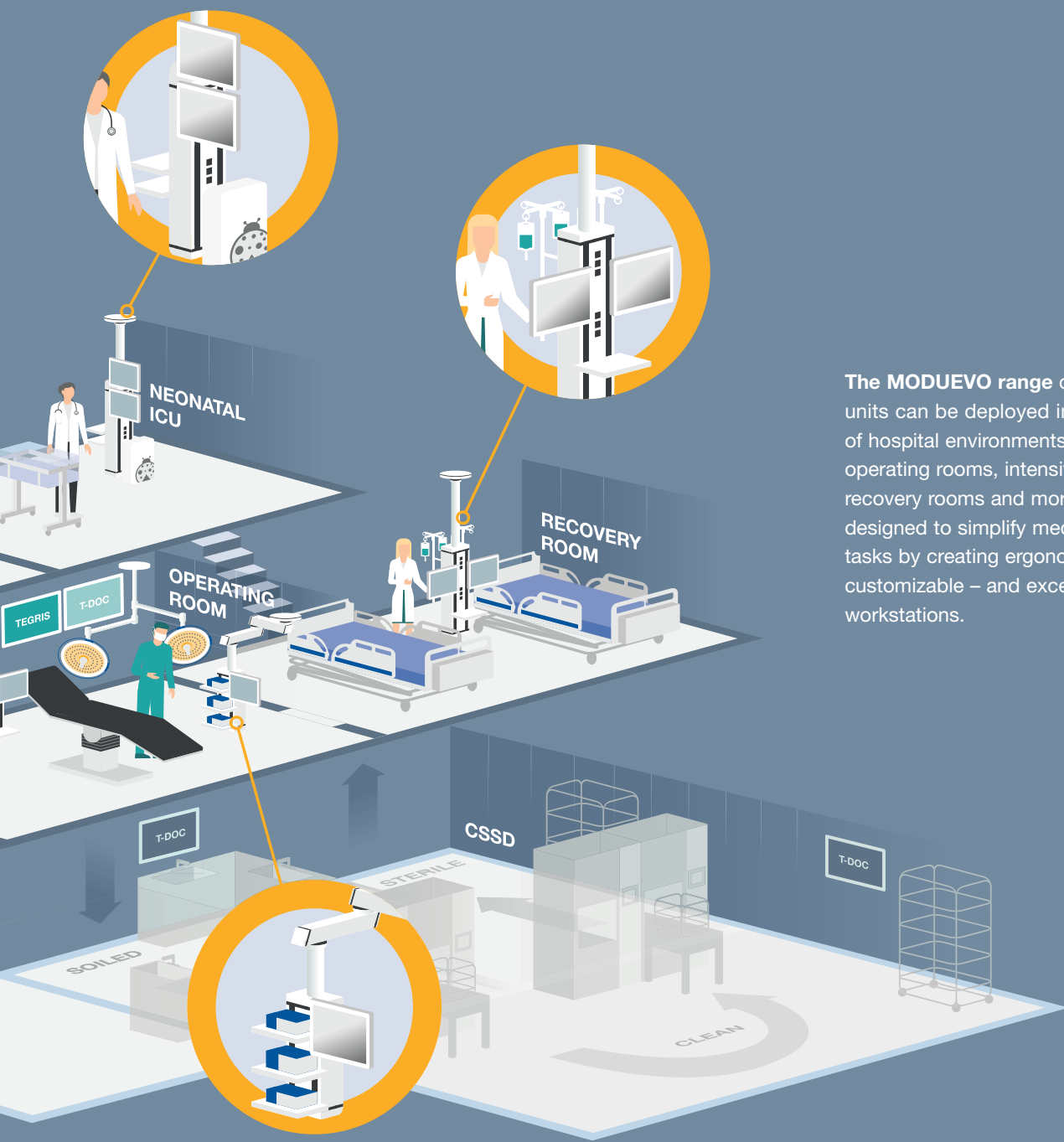
MODUEVO

A solution for diverse environments

Addressing challenges: Healthcare organizations must juggle a number of imperatives. They have to balance budgets without compromising the quality of care. They need to find ways to improve hospital environments for both staff and

patients. And they must make best possible use of their resources – all while striving for consistently accurate results. To help institutions scale these hurdles, Maquet developed its MODUEVO portfolio of ceiling supply units.





The **MODUEVO** range of ceiling supply units can be deployed in a wide variety of hospital environments: ward rooms, operating rooms, intensive care units, recovery rooms and more. MODUEVO is designed to simplify medical staff's daily tasks by creating ergonomic, flexible, customizable – and exceptionally safe – workstations.

MODUEVO

An answer to daily challenges

MODUEVO makes excellent use of space and resources, streamlining workflows and raising productivity. It improves access to patients – while ensuring vital equipment and utilities are always on hand. High load capacity up to 350 kg, 330-degree rotation, and user-friendly positioning mean MODUEVO units accommodate diverse surgical disciplines, room configurations, and staff preferences.

Above all, the MODUEVO portfolio is about flexibility. There is a choice of modules and beams. And a choice of components and accessories – that can easily be added, moved, and subtracted as desired. Moreover, this design approach allows each configuration to evolve in line with the hospital's daily challenges.

MODUEVO delivers unprecedented versatility with its **Ergonomic Positioning System (EPoS)**.

Components and accessories – even those requiring a power supply – can be added and removed in line with changing needs. Moreover, these can be freely positioned on every face of the unit module, and at any height. Customized workstations can be created easily and quickly, ensuring everything remains within easy reach.



Future-proof flexibility

A wide choice of accessories underscore MODUEVO's exceptional flexibility, modularity and customization options. The ceiling supply units can accommodate monitor arms, illuminated drawers, swivel shelves and much more.

Installing other equipment, for instance the examination light LUCEA, is simple in conjunction with Beam Plus – which reduces installation time, helping workstations evolve without disrupting ongoing hospital activities.



Improved resources management with enhanced ergonomics



Excellent ergonomics: MODUEVO ceiling supply units are exceptionally easy to use. For example, the unique Grab & Move handle breaks new ground in terms of intuitive positioning. When grasped, its capacitive sensing technology releases the unit's brakes. This enables staff to intuitively move the pendant to the desired position simply, with just one hand and minimal physical effort. As a result, they can respond rapidly to changing situations.

Outstanding maneuverability: The MODUEVO range offers a choice of mechanical, pneumatic and electro-magnetic brakes. Each option delivers first-rate safety, precision and reliability. What's more, MODUEVO's pioneering electro-magnetic brakes are absolutely silent, enhancing patient comfort – and virtually no maintenance is required. Plus, staff can rest assured of seamlessly smooth, controlled movements, and enjoy MODUEVO's broad range of movement. In short, MODUEVO can be rapidly and precisely positioned.



Its versatility allows staff to configure their ideal working environment, keeping essential equipment – and power, anesthesia and other vital utilities – on hand at all times.

In addition, the units feature high load capacity – up to 350 kg – and can be rotated 330 degrees.



Improved safety and efficiency



MODUEVO is designed for exceptional hygiene and efficiency. In fact, there is more to MODUEVO's attractive appearance than meets the eye. The seamless finish accentuates the portfolio's state-of-the-art design. And the benefits go beyond the surface: with fully enclosed cables, and no exposed screws, rubber, or sharp edges, the unit is much easier to clean – reducing the risk of nosocomial infections, and accelerating turnaround.



MODUEVO units help improve working environments for caregivers. For example, by running gas tubes and high and low voltage cables through the beam, MODUEVO eliminates trip hazards. In other words, the typical hospital tangle of tubes and cables snaking along the floor is instead routed through the pendant itself – an effective approach to cable management. Consequently, they increase safety, raise efficiency and improve access to instruments and patients.

It's all about choice



**A wealth of options,
for a wealth of possibilities**

- Beam Plus
- Ambient lighting
- Shelf extensions
- Folding shelves
- Rails
- IV poles (simple and double)
- M-SHIFT

A wide choice of accessories: The range comprises multiple arm solutions: mechanical and motorized beams as well as lifting solutions that can be combined with cutting-edge features and a broad selection of complementary accessories. Moreover, all additional accessories can be freely and safely

positioned on the unit – and the pendant itself can be moved and easily adjusted to accommodate diverse surgical disciplines, room configurations, patient types, and staff heights and preferences.



MODUEVO – Streamlining workflows in intensive care units

A key aim of MODUEVO is to enhance the patient experience. Specifically, it is crucial that patients in ICUs are able to rest. To this end, MODUEVO can include options such as absolutely silent electro-magnetic brakes, so staff can reposition the pendant without disturbing patients. Furthermore, soft ambient lighting on the sides, top and bottom of the supply unit create a soothing atmosphere.

In comparison to fixed headwall solutions, ceiling supply units resolve reoccurring issues in healthcare environments. By providing space to store equipment and keeping cables off the floor, they simultaneously improve access to patients. In ICUs in particular, MODUEVO units can accommodate medical supplies for nurse stations, monitors and ventilation machines.

Faster transfers, minimized risks

MODUEVO can be combined with a variety of accessories for ICU tasks. For example, M-SHIFT, Maquet's infusion transfer solution. Transferring a patient's entire infusion system takes less than a minute – optimizing workflows in critical care

environments, and liberating nurses from lifting heavy loads. In short, M-SHIFT means IV therapy is not compromised, even during patient transport.



Enhancing patient comfort

MODUEVO ceiling supply units contribute to a better atmosphere for convalescing patients, with a system of ambient lights ideal for ICUs. The soft glow creates a soothing ambiance, supporting the natural circadian cycles and enhancing patient comfort during recovery. The lights are positioned on the top of the beam, on the distributor's sides or at the bottom of the pendant to prevent shadows, and improve safety and visibility for staff. In particular, the lights on the sides and tops of the ceiling supply unit provide ample illumination while nurses and other personnel complete their tasks during a night shift, for example.

In neonatal intensive care units (NICU), MODUEVO ensures key technologies and equipment are readily accessible as skilled staff treat the hospital's newest and tiniest patients. Infants taken to the NICU are often born premature, or have other high-risk factors – and require rapid attention and specialized care. In the NICU, MODUEVO's fixed column allows neonatologists and other medical professionals to quickly and flexibly add any device they need.



Ambient lighting: better environment, better patient experience.



NICU

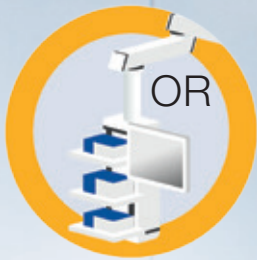


MODUEVO

Enabling surgeries

During surgery, every action counts. Healthcare staff want to focus on the patient – not on equipment and utilities. When developing its MODUEVO line of ceiling supply units, Getinge Group put itself in the shoes of these professionals –

and created a highly ergonomic, efficient solution that allows staff to concentrate on the patient and not the device. A variety of beam lengths adds further flexibility. Additionally, high load capacity is not compromised by greater reach.





PLG simplifies workflows without compromising performance.



Save space in the operating room with motorized arm ENERGY and distribution module TWIN.

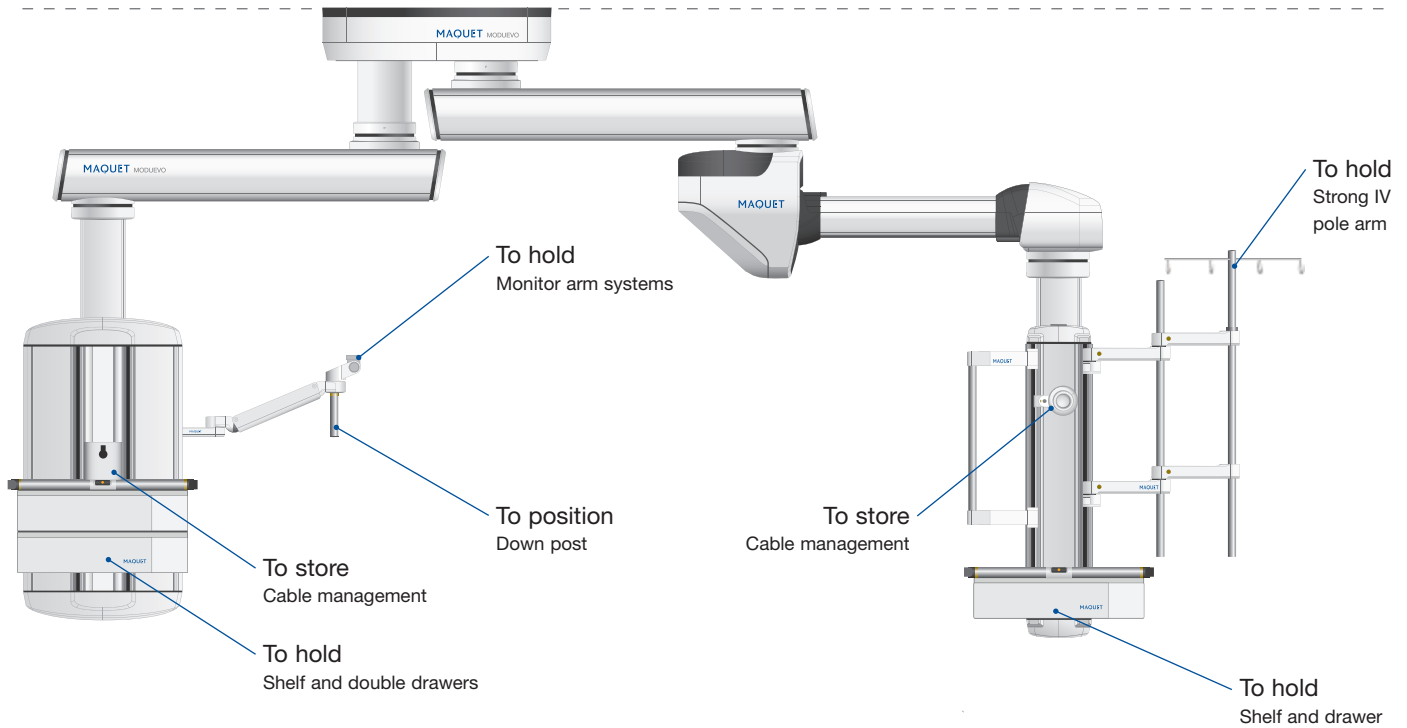


Endoscopy solution with high load capacity of up to 350 kg.



MODUEVO

Technical data and accessories



MODUEVO arms specifications

Configuration	6-0	9-0	12-0	15-0	6-6	9-6	9-9	12-6	12-9	12-12	15-12	15-15
Min. action radius (mm)	749	1049	1349	1649	1347	1647	1947	1947	2247	2547	2847	3147
Light arm gross loading (kg)	350	350	300	240	296	239	200	197	167	143	121	104
Heavy arm gross loading (kg)	N/A	N/A	350	350	350	350	350	N/A	298	259	225	199

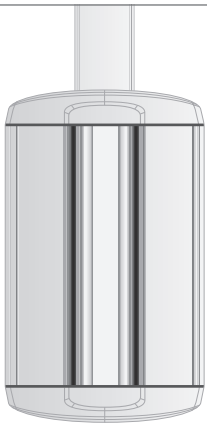
MODUEVO motorized arms ENERGY specifications

Configuration	0-10	6-10	9-10	12-10	15-10
Min. action radius (mm)	1151	1751	2051	2351	2651
Light arm gross loading (kg)	N/A	150	150	130	N/A
Medium arm gross loading (kg)	220	220	220	220	210
Loading capacity of docking pin (kg)	180	180	180	180	150
Vertical movement (mm)	710				

MODUEVO CARGOLIFT specifications

Configuration	6-0	9-0	12-0	15-0	6-6	9-6	9-9	12-9	12-12	
Min. action radius (mm)	749	1049	1349	1649	1347	1647	1947	2247	2547	
Light arm gross loading (kg)	350	341	278	N/A	272	N/A	N/A	N/A	N/A	
Loading capacity of docking pin (kg)	280	280	208	N/A	200	N/A	N/A	N/A	N/A	
Heavy arm gross loading (kg)	N/A	350	350	350	350	350	326	280	247	
Loading capacity of docking pin (kg)	N/A	280	280	280	280	280	240	205	175	
Vertical Movement (mm)						400				

MODUEVO distributor specifications



Distributor
TWIN



Distributor
MEZZO



Distributor
SLIM

Distributor	TWIN				MEZZO				SLIM			
Distributor sizes (mm)	400	600	800	1200	400	600	800	1200	400	600	800	1200
Number of panels	6	6	6	6	5	5	5	5	3	3	3	3
Electrical sockets per panel (60 mm apart)	5	9	13	19	5	9	13	19	5	9	13	19
Gas sockets per panel (100 mm apart)	3	5	7	11	3	5	7	11	3	5	7	11

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Getinge Group is a leading global provider of innovative solutions for operating rooms, intensive care units, hospital wards, sterilization departments, elderly care and for life science companies and institutions. With a genuine passion for life we build quality and safety into every system. Our unique value proposition mirrors the continuum of care, enhancing efficiency throughout the clinical pathway. Based on our first-hand experience and close partnerships, we are able to exceed expectations from customers – improving the every-day life for people, today and tomorrow.