

Benefits both end-users and equipment manufacturers



SAFE

- A castor with a protected and stable structure that can endure hard use
- Locking position is easy to see
- Emergency release button
- Automatic castor locking with motion sensor (optional)
- Actuator covered and protected inside the tube
- Fulfils the standards



ECONOMIC

- Maintenance-free castor construction
- Long lifespan
- Increased well-being and fewer sick days
- Cost savings through simple assembly
- Simpler equipment construction
- Protective film on wheel tread lasts for a long time



EASY

- Easy and fast to use thanks to the informative and clear control panel
- Location of control panel can be freely selected
- Easy to keep clean



FLEXIBLE

- Smart design allows innovative equipment design
- Smart attachment
- Flexible castor control and user interface



Added value from the innovative design

Manner e-SMART allows designers to design the end product frame in a completely new way. In addition to conventional straight bars and tubes, bent tubes can be used with e-SMART.

End-users appreciate the lightness and manoeuvrability of e-SMART's simple structure. The clever design also allows the nursing staff to get closer to the patient, ensuring that they can work ergonomically.

Equipment manufacturers also value the wide range of customisation options, such as colours.



reddot design award
best of the best 2010



COLSON Castors & Wheels for every application

Since the beginning of 2023, OY Mannerin Konepaja Ab in Finland has been part of the Colson Group, the world's largest manufacturer of castors and wheels. The internationally active group of companies includes more than 20 companies in the castor industry, so that a particularly wide range of products can be offered.

The product range contains for example furniture castors, apparatus castors, medical-technical castors, transport castors, stainless steel castors or heavy-duty castors with a wide variety of housings, fittings and wheels for every application.

Find out more about our extensive product range on our website www.colson-rollen.com or get in touch with us by phone.



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E-SMART SERIES

Ø 125 MM

150 KG

MEDICAL

e-SMART

Equipment castor with a central locking system



manner
SMART MOVES ON MANNER CASTORS

Manner e-SMART – easy to install, safe and ergonomic

The e-SMART castor is ideal for hospital and rehabilitation equipment as well as other solutions where easy and reliable central locking castors are a must.

EXAMPLES OF APPLICATIONS:

- ✓ Hospital and care beds
- ✓ Shower and treatment chairs
- ✓ Other hospital and rehabilitation equipment
- ✓ Other equipment that requires wheels with remote locking



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The Mizuho OSI operating table solution uses e-SMART castor

Mizuho OSI is the market leader in equipment designed for specialist surgery and patient positioning. Specialist operating tables improve patient outcomes in spine and orthopaedic surgeries.

“We were looking for an electromechanically locking castor that fitted our specification for load capacity and had a modern look at the right value. Manner has been responsive and supportive as a partner. The Manner castors were unique in that they met our requirements for payload capacity, aesthetics, electromechanical locking in both roll and swivel directions, and manual release function. In addition, the mounting is easy.”

TELL THE ENGINEERS OF MIZUHO OSI.



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**Manner has
been responsive
and supportive
as a partner.**

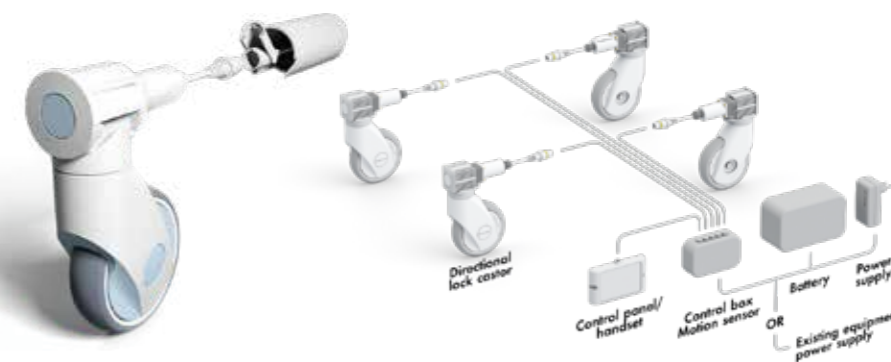
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The US-based Mizuho OSI is a wholly owned subsidiary of Mizuho Ikkogyo Co., Ltd. located in Tokyo, Japan.

Safe and ergonomic locking system

The superior ergonomics and safety of the patented castor locking system improve and facilitate work. The locking/unlocking actuator is embedded in the wheel and connected to the control system. The wheel can be locked and released easily and ergonomically at the push of a button, and the motion sensor allows automatic locking.

The standard control systems for e-SMART castors are available with the Linak, TiMotion and Dewert systems.



FEATURES:

- Total or directional lock (0/180°); conductive available as an option
- Housing and wheel centre glass fibre-reinforced polyamide
- Wheel tread polyurethane 80 shore A, hydrolysis resistant
- Ball bearing in swivel head and double row ball bearing in wheel
- Wheel diameter 125 mm
- Load capacity 150 kg
- Height 167 mm (round) / 172 mm (square)
- Offset 42 mm
- Standard colours – fork: light grey (RAL 7035); thread guards and cover plate: light grey

CENTRAL LOCKING SYSTEM:

- Push button-operated, mechanical quick-release locking system
- Voltage 24 V DC
- Current consumption: 30 mA in normal use, max 250 mA
- International Protection Rating = IP66

STANDARD FITTINGS:



50 x 50 x 2 mm (EN10219)



∅ 60.3 x 2.9 mm (EN10219)