



# EasyRoller

For Hospitals  
and Institutions





Metal  
Heavy  
Magnetic  
MRI hostile  
corrosion

## The unique story of EasyRoller

EasyRoller is the first **NON METAL** wheelchair on the market. It is the best choice for institutions where the use of metal inside the wheelchair is not allowed or not desirable. EasyRoller is made of environmentally friendly recyclable plastic. EasyRoller is unique and will make the user feel comfortable, and ease the work for assistants and other personnel.

**For Airport security:** Wheelchair users can easily pass through security checkpoints without interfering on the scanning process.

**For swimming pool institutions:** The users can easily and comfortably take the wheelchair into the swimming pool and the product will resist the chlorine in the water.

**For hospitals:** Patients can easily be moved through the entire hospital and all the way through the MRI-room without interfering with the MRI equipment.

100%  
Thermoplastic





## The History of EasyRoller

### **Year 2000:**

Development of EasyRoller 1 started.

### **Year 2001:**

EasyRoller 1 was introduced to the market - and the first units were sold.

### **Year 2006:**

EasyRoller 1 and The entrepreneur Torbjørn Skjæran joined the TV show "Creator - TV2 Skaperen". Volume production and marketing were fully organised and planning of EasyRoller 2 started.

### **Year 2009:**

EasyRoller reorganisation, -established new finance, -established an international market organization.

- And last but not least: Developing the next generation: **EASYROLLER 2**

## References

Through the years, a few hundred EasyRoller 1 wheelchairs have been sold to this list of customers:

**Airports in Norway:** Bodø Airport, Harstad/Narvik Airport, and all regional airports

**International airport:** Keflavik Int.Airport, Island

**Health sector:** Most of the institutions using MRI in Scandinavia

**Swimming pool:** Most of swimming pools with access ramps in Norway and Denmark

## EasyRoller 2 Product info

- No metal parts
- No loose parts
- Recyclable plastic
- Wide and comfortable seat area
- Ergonomic form developed in therapeutic professional environment
- Aesthetic design, not an institutional look
- High comfort and stability
- Easy maintenance
- Easy maneuvering
- Approved for users of up to 150 kg
- Approved according to standard EN12183 and ISO 7176



Ergonomic handle

Waterproof padding

Transparent cloth protection

Ergonomic shaped driving ring for better grip

Easy accessible parking brakes to be managed by user or by assistant

Tubeless tires

Double ball-bearings in wheelaxle and swivel axle for better maneuvering

Easy user access from the side when sliding into seat



Flipable footrest



## User - friendly

EasyRoller 2 has a unique design based on timeless furniture design. It has an overall soft shape and padding to protect the user on all human contact areas.

The main goal for the design is to make the product more appealing, preventing the user from feeling uncomfortable and institutionalised.



**Traditional wheelchair in steel**  
- Loose parts often missing when needed

**EasyRoller 2**  
- Always Ready to Go!

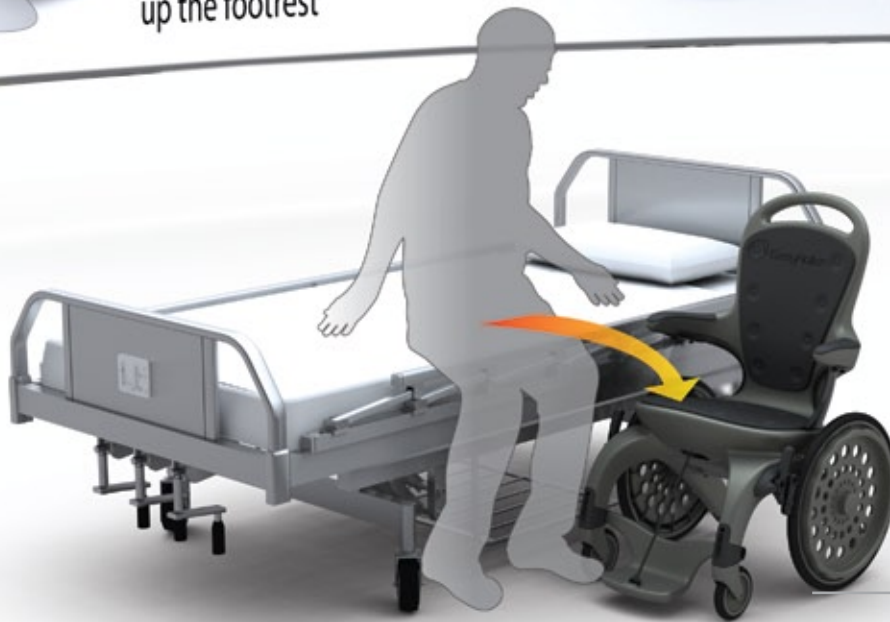




## EasyRoller 2

ER2 is custom made for institutions and is solving many daily problems for the patient and the medical personnel.

Easy transportation, MRI friendly and easy to clean and NON maintenance make this a unique product for all hospitals and institutions.



Form and functional design gives patients easy and safe access to be seated



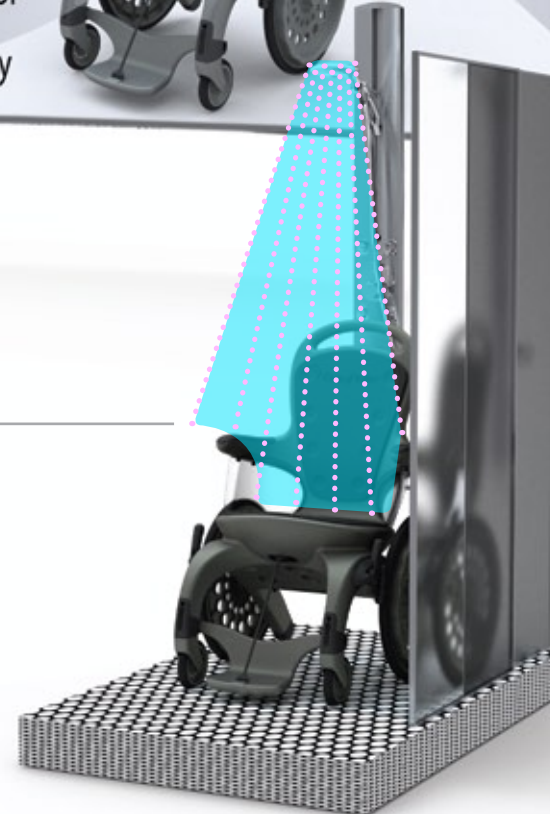
## EasyRoller 2

- Allows patients to be transported comfortably through the entire hospital
- No unnecessary user lifting
- No timedelaying or physical hard manual work
- Less bacteria traps



The ER2 can easy be  
cleaned in the shower

The ER2 can be placed close to the MRI, harmless  
to the equipment and the magnetic field





## Product Data

### Materials:

- Rotomolded PE on Body and footrest
- PU tubeless tires
- Nylon rims
- Nylon brake system
- POM bearings
- EVA water resistant padding

### Dimensions:

67x82,5x105cm (Width x length x height)

Weight: 17Kg





## EasyRoller 2

The no.1 choice for Hospitals and institutions



100% plastic  
Ready to GO  
Use anywhere  
**No loose parts**  
MRI friendly

## EasyRoller 2 Development Team and Process

Torbjørn Skjæran  
 EasyRoller

**Year**  
**2000 - 2009**


Market demand  
 force ER1 to upgrade...



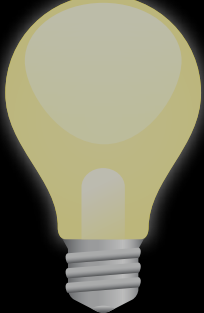

Thoralf Lian  
 Kjetil Mørkved  
 Mo industriinkubator  


Securing the ER2  
 pre-project process phase




Terje Rølvåg  
 NTNU  
 Norwegian University of  
 Science and Technology

*"This product  
 needs the  
 perfect design and  
 manufacturing method"*  
 Terje Rølvåg





Victor Rosenvinge  
 Morten Akre  
 EKERDESIGN

Design and development  
 of the ER2 pre-project

Anita Dyb  
 Allan Andreassen  
 Roald Danielsen

Professional Reference Group





Ørjan Didriksen  
Svein Clausen  
Nils-Petter Svanholm

Establishing capital and  
EasyRoller Team

Innovation Norway

Finance and Internationalization


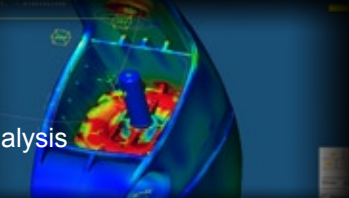



Victor Rosenvinge  
Morten Akre  
E K E R D E S I G N

Design, Construction and  
Mechanical Engineering

Terje Rølvåg  
NTNU  
Norwegian University of  
Science and Technology

Mechanical strength analysis



The complete design house

- CONCEPTUAL DESIGN PHASE
- PRODUCT ENGINEERING PHASE
- PROTOTYPING PHASE
- PRODUCT TESTING PHASE
- PRODUCT PRODUCTION PHASE

