

ZERO-G



zero gravity patient chairs



1946-2016
70 years

IMO

medical beds worldwide



CORPORATE PROFILE

- COMPANY **IMO-Indústrias Metalúrgicas, S.A.**
- HEAD-QUARTERS **Longra, Felgueiras, Portugal**
- VAT No. **500.136.939**
- FOUNDATION YEAR **1946**
- EMPLOYEES **112**
- SHARE CAPITAL **2,5 M€**
- TURN-OVER (2015) **5,7 M€**
- INSTALLED PRODUCTS **46 países**
- INDUSTRIAL FACILITIES **8.400 m2 área coberta**
- PRODUCTION CAPABILITIES
 - Research and development**
 - Prototyping and tools**
 - Molds Engineering**
 - Laboratory quality control**
 - Electronics**
 - Metalworking**
 - Plastics**
 - Woodwork**
 - Upholstery**
 - 2 assembly lines**
 - Logistics and distribution**

FEATURES



CONTROL



- 01 Synchronic articulation performing zero gravity function
- 02 UNO MODEL - back and legs simultaneous movement by a gas spring.
- 03 DUO MODEL - back and legs independent movement by 2 gas springs.
- 04 Height adjustable armrest.



ERGONOMY



- 05 High back with adjustable headrest.
- 06 Bilateral hooks to drains/urine bags suspension.
- 07 OPTION - meal/activities removable tray.
- 08 OPTION - blood collection polyurethane pad.



SAFETY



- 09 Removable seat for a deep cleaning.
- 10 Upholstered coating by washable and fire retardant M2 class fabric.
- 11 Blocker safety device in case of gas springs malfunction.
- 12 User friendly controls informative stickers.



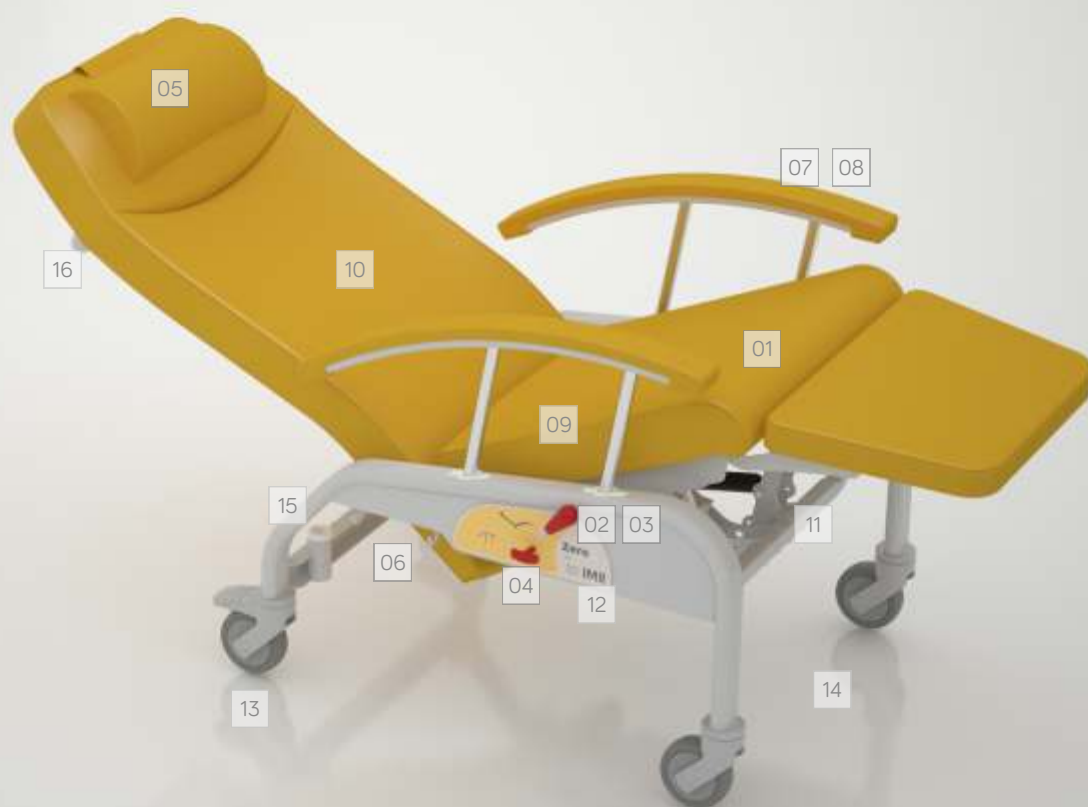
MOBILITY



- 13 OPTION - ABS shielded Ø100mm casters with 2 locks.
OPTION - ABS shielded Ø125mm casters with central locking to rear casters.
- 14 OPTION - retractable footrest.
- 15 OPTION - I.V. rod height adjustable.
- 16 Transport handle bar.

ZERO-G

zero gravity patient chairs





CONTROL



01 ZERO GRAVITY



ZERO GRAVITY POSITIONING
Zero-G is the most ergonomic and relaxing posture for the human body. A back-rest and seat synchronic articulation in a certain proportion, simulates the lack of gravity conditions and consequent absence of atmospheric pressure on muscular level.
This positioning technique applied over hospital ingressed patients provides an extraordinary rehabilitation and resting therapy.

02 UNO MODEL OPTION



UNO OPTION
Uno model type equipped with 1 gas spring for back-rest and leg-rest synchronized articulation.

03 DUO MODEL OPTION



DUO OPTION
Duo model type equipped with 2 gas spring for back-rest and leg-rest independent articulation.

04 ADJUSTABLE ARMREST



HEIGHT ADJUSTABLE

Armrest are adjustable in height to fit all patient talls.
This feature allows that patients can do the relax with arms dully supported no matter the chair articulation position.

LATERAL TRANSFER

Armrests folded down completely until seat height in order to easy patient lateral transfer from bed to chair and vice-versa particularly in very debilitated patients.



ERGONOMY



09 HEADREST



HEADREST

ZERO-G chair upholstery has an ergonomic design to provide maximum patient maximum comfort and relaxation.

The backrest is high size and includes an height adjustable headrest cushion.

10 DRAINS BAG HOLDER



DRAINS BAG HOLDER

To ensure patient mobility Zero-G chair is equipped by bilateral hooks to hold urine/drain bags.

11 BLOOD COLLECTION



BLOOD COLLECTION

As an extra option ZERO-G chair can be equipped with a soft polyurethane pad to blood collection. Pad is featured to bilateral use and has a pivoting bracket.

12 DINNING TRAY



DINNING TRAY

As an extra option ZERO-G chair can be equipped with an ABS molded tray for meals or any other therapeutic procedures.



SAFETY



09 REMOVABLE SEAT



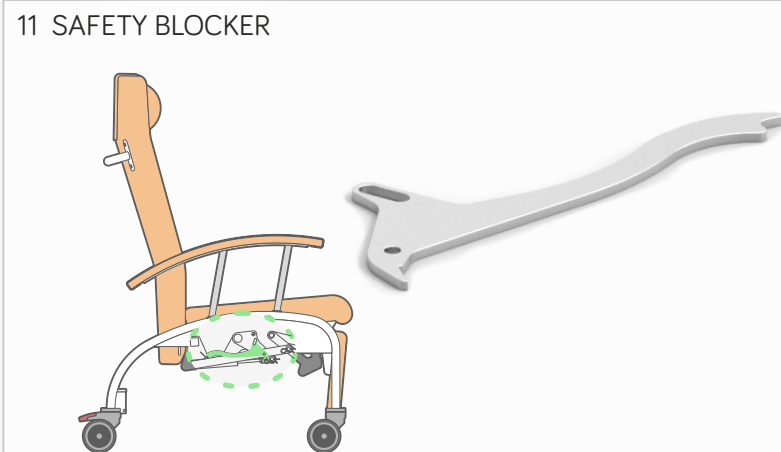
REMOVABLE SEAT
The ZERO-G chair seat is removable for an easy cleaning and maintenance tasks.

10 HIGH QUALITY UPHOLSTERY



HIGH QUALITY UPHOLSTERY
Upholstery is coated by a high quality vinyl fabric resistant to sanitary cleaning with alcohol based detergents and moisturized cloth with tepid water.
For security reasons has a fire retardant treatment according to M2 class.

11 SAFETY BLOCKER



SAFETY BLOCKER
A locking device allows the use the chair in safety mode even when the gas springs become damaged and doesn't work any longer.

12 INFORMATIVE STICKERS



INFORMATIVE STICKERS
Controls are inserted over informative stickers for a safe and informed use and operation.



MOBILITY



13 CASTERS OPTION



Ø100MM CASTERS

High quality Ø100mm casters option. Swivel effect, provided with ball bearings and ABS shielded. Local locking device on rear casters.

Ø125MM CASTERS

High quality Ø125mm casters option. Swivel effect, provided with ball bearings and ABS shielded. Central locking system on rear casters by 2 pedals.



14 TELESCOPIC FOOT-REST OPTION



TELESCOPIC FOOT-REST

Foot-rest option for a patient comfortable transportation. Telescopic frame retractable under the seat when not in use. Foot-rest is ABS made with a non-skid texture.

15 I.V. ROD OPTION



I.V. ROD

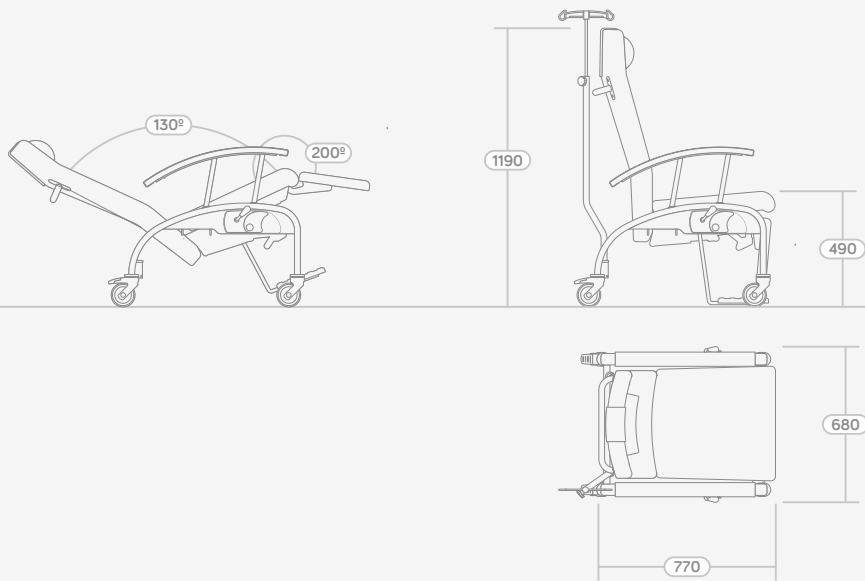
Quick removal and bilateral fixation rod in option. Column with bending angle that does not affect articulations room and transportation maneuverability by caregivers. Adjustable stainless steel with 2 hooks for bags suspension.

16 CARRYING HANDLE



EASY TRANSPORTATION

The backrest rear side has an epoxy coated tubing handle for patient transportation.



DIMENSIONS (±5%)

Overall height	1190 mm
Overall width	680 mm
Overall length	770 mm
Seat height	490 mm

ARTICULATIONS (±5%)

Maximum angle (Back/Seat)	130°
Minimum angle (Seat/Legs)	200°
Synchronic ratio (Seat/Back)	2/5

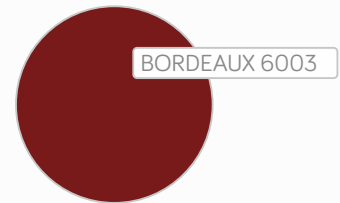
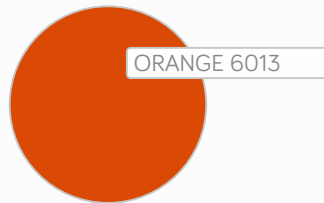
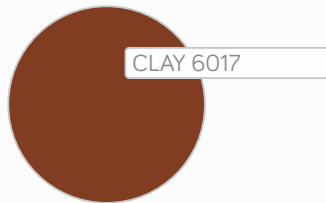
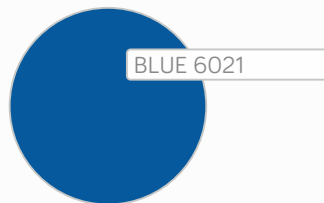
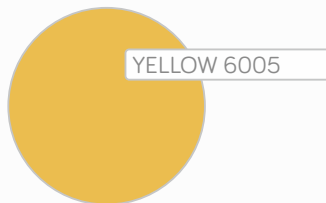
CAPABILITIES (±5%)

Patient maximum load	140 Kg
Overall chair weight	32 Kg
Gas lifts power - UNO	800 N
Gas lifts power - DUO	800 N / 200 N

REGISTRY AND CONFORMITY

Officially registred as Medical Devices Class I and CE mark .
 Product follows UE directive 2007/47/EE, D60-070, D61-070, EN 1021-1, EN 1021-2.
 Is a product controled over the quality management system EN ISO 9001:2008

Indicative colors only, check with real samples.



IMO-INDUSTRIAS METALURGICAS, S.A.
www.imo.com.pt

IMO PORTO
 Rua Adolfo Casais Monteiro, 117
 4050-520 Porto
 Tel.: 222 009 767
 Fax: 222 000 647
porto@imo.com.pt

HEADQUARTERS & FACTORY
 Rua Dr. Aurélio Teixeira de Sousa, 575
 4650-312 Rande
 PORTUGAL
 T. +351 255 340 220
 F. +351 255 340 239
sede@imo.com.pt

IMO LISBOA
 Av. Defensores de Chaves, 87-A
 1000-115 Lisboa
 Tel.: 217 963 478
 Fax.: 217 975 822
lisboa@imo.com.pt

AUTHORIZED DISTRIBUTOR: