

matrix[®]
SEATING SERIES

E2 Back Series



Invacare[®] **Matrix[®] E2[™] Back Series**

INNOVATION | COMFORT | FREEDOM



Posture Support to enable independent mobility

The new **E2 Back Support** is our latest innovation in seating, offering maximum postural support for those with reduced mobility. With a pin assembly function for effortless mounting, the **E2 Back Support** is also available in a wider range of widths and heights to ensure maximum fit. The new leading edge Ripple Foam technology provides temperature control and enhanced immersion for the most comfortable support ever.

Ergonomic Design

The new ergonomic design increases support and pressure distribution to ensure a more precise and comfortable fit. The design has been contoured to support the pelvis and allow clearance of the hips to increase stability and balance.



Back Shell

- ▶ Cutouts for airflow
- ▶ Vertical slots for Hardware attachment
- ▶ Coccyx notch
- ▶ Pre-drilled for PostureFlex Abdominal support



Ripple Foam Technology

The rippled foam surface increases airflow for breathability, temperature control and moisture reduction. The high resilience foam provides the spinal relief area with enhanced immersion and shear reduction.



Cover

- ▶ Moisture resistant and breathable Meshtex™ outer cover
- ▶ Foam and cover overlap the shell for protection and comfort



Mounting Pin Assembly

The back supports are mounted onto the chair and secured with an easy adjust mounting pin assembly. The flexible hardware is designed to match the needs of a range of body shapes and sizes, and can even be adjusted when the user is seated. It can also be positioned to avoid frame obstacles - such as arm supports and rigidizer bars etc.



Mounting Pins

- ▶ Height and width adjustable
- ▶ Fits chairs same as model width or 2.5cm wider / narrower
- ▶ Back height can be adjusted even with user seated in back
- ▶ Hardware can be positioned to avoid frame obstacles like arm supports and rigidizer bars
- ▶ MiniSet interface standard on back heights up to 41cm, EasySet interface standard on 46/51cm back heights

The Matrix E2 Back Support

is available in two contour depths



▲ **E2 Back**
E2 Standard - 8cm Contour

▲ **E2 Deep Back**
E2 Deep - 15cm Contour

Product Specifications

- ▶ Width: 36/38/41/43/46/48/51cm
- ▶ Height: **NEW 15/20**/26/31/36/41/46/51cm
- ▶ Weight Capacity: 136kg.



Easy Fix Laterals

- ▶ Fixed laterals can be installed inside or outside of the back shell
- ▶ Height adjustable in vertical slot, can be offset
- ▶ Compatible with E2 standard contour backs 26cm and higher

Inside Mount **Outside Mount**



Swing Away Laterals

- ▶ Compatible with E2 backs 26cm and higher, offset with backs 31cm and higher
- ▶ Available in 4 pad sizes: XS / S / M / L

Complete range of accessories ▼



▲ BackBone

Sacro lumbar support targets pelvis to promote an upright posture.

- Contoured anatomical PSIS/ Sacrolumbar Support.
- Can be trimmed to desired size.
- Molded in loop fastener for attachment to back shell and ease of adjustment.



▲ Matrix Protect Slip Cover

To protect the backrest. Can be wiped clean with approved disinfectant wipes for greater hygiene. Easy to apply and remove for laundering.



▲ PostureFlex Abdominal Support

Designed to increase intra-abdominal pressure for enhanced voice and breath control. Provides comfortable upright postural support with flexible stretch for functional activities.

Easy keyhole attachment

- 3 mounting heights available in pre-drilled holes on back shell.
- Available in 2 sizes: M / L
- Optional quad release tab for easy independent application and removal of PostureFlex



▲ Headrest Interface Plate

Lightweight and low profile headrest attachment plate can be installed without cover removal. Included with all backs 36cm and higher. Optional extra strong steel headrest mount for extreme tone or heavy use applications.



▲ Shoulder Strap Interface Plate

Interface plate for precise placement of Strap Guides.

Models:

E2CHI-S: 36/38cm W backs
E2CHI-M: 41 to 51cm W backs



▲ Matrix Privacy Flaps

Can be attached to the backrest with a pre-sewn Velcro loop strip located across the bottom rear of cushion cover.

Available in 4 sizes:
XS / S / M / L

Full range of hardware mounts ▼

for different applications and greater compatibility with our wheelchair range

Standard Hardware



MiniSet:

- ▶ Standard on all E2/E2D backs up to 41cm high



EasySet:

- ▶ Standard on all E2/E2D backs 46cm & 51cm

Optional Hardware



Fixed MiniSet:

- ▶ Permanent mount requires tools for removal, recommended for tilt/recline applications
- ▶ Optional for E2/E2D backs up to 41cm high



Fixed EasySet:

- ▶ Permanent mount requires tools for removal, recommended for tilt/recline applications
- ▶ Optional for E2/E2 Deep backs with Easy Set Mounting Pin Interface only (46 & 51cm high)



Split:

- ▶ Allows clearance of frame obstacles, quick release
- ▶ Optional for E2/E2D backs with Easy Set Mounting Pin Interface only, not compatible with MiniSet



Heavy-Duty MiniSet:

- ▶ Recommended for users with high tone or heavy use
- ▶ Quick release



Heavy-Duty EasySet:

- ▶ Recommended for users with high tone or heavy intended use

Adjustments: Angle (40°), depth (5cm in front or behind back canes), can be offset to accommodate rotation.

Fits: 2.5cm back canes, inserts for 1.9cm and 2.2cm back canes included

Build a family of seating products

Invacare also offers a complete range of seating products to complement your E2 back support.



Bodypoint belt



Invacare Matrix® Libra cushion



Invacare Matrix® Elan Headrest



Invacare Limited
Pencoed Technology Park - Pencoed
Bridgend CF35 5AQ - United Kingdom
Tel: +44 1656 776 222
Fax: +44 1656 776 220
E-mail: uk@invacare.com
Sales Order E-mail:
ordersuk@invacare.com
www.invacare.co.uk

Invacare Ireland Ltd
Unit 5 - Seatown Business Campus
Seatown Road - SWORDS -
County Dublin - Ireland
Tel. +353 1 8107084
Fax +353 1 8107085
Email: Ireland@invacare.com
www.invacare.ie

