

Invacare® | **Matrx® Seating Series**



*Invacare **Matrx Seating Series** - Yes, you can... and it's never been easier!*

With the number of new seating and positioning products available today, it is only natural to choose the products that you know best. The *Invacare **Matrx Seating Series*** combined with Invacare's wide range of seat cushions provides you with a solution which is highly effective in meeting the widest range of needs.

Invacare is committed to providing you with products that exceed your expectations. As the landscape of seating changes, Invacare's dedication to innovation, quality and most of all your comfort will stay the same.



Yes, you can.®

Invacare **Matrix Elite Back**

The *Invacare Matrix Elite Back* is designed to provide precise orientation within the wheelchair for optimal postural support. The attractive, lightweight design appeals to people with active lifestyles.

Key Features and Functional Benefits

Outer cover:

- Oversized cover/foam for extra comfort and protection
- Moisture resistant and breathable
- Includes removable lumbar positioning pad

Hardware:

- Hardware installed and adjusted in minutes – adjustments can be made while the person is seated in the wheelchair
- Easy Set, Split or Fixed mounting hardware available
- Refer to Hardware page

Back shell:

- Stylish and breathable back shell
- Lightweight - most models under 1.36 kgs

Sacral/lumbar support:

- Includes removable positioning pad



76 mm Contour Depth



Sacral/lumbar support

Standard

Width	305 mm – 505 mm
Height	255mm, 305mm, 355mm, 405mm, 455mm, 505mm
Weight Capacity	136kgs

* Optional Full back style - no scapular cut-outs

Product Code	Fits Wheelchair Width	Height
PBE1210NH	310-330 mm	250 mm
PBE1212NH	310-330 mm	310 mm
PBE1214NH	310-330 mm	360 mm
PBE1216NH	310-330 mm	410 mm
PBE1310NH	330-360 mm	250 mm
PBE1312NH	330-360 mm	310 mm
PBE1314NH	330-360 mm	360 mm
PBE1316NH	330-360 mm	410 mm
PBE1410NH	360-380 mm	250 mm
PBE1412NH	360-380 mm	310 mm
PBE1414NH	360-380 mm	360 mm
PBE1416NH	360-380 mm	410 mm
PBE1418NH	360-380 mm	460 mm
PBE1510NH	380-410 mm	310 mm
PBE1512NH	380-410 mm	360 mm
PBE1516NH	380-410 mm	410 mm
PBE1518NH	380-410 mm	460 mm
PBE1520NH	380-410 mm	510 mm
PBE1610NH	410-430 mm	250 mm
PBE1612NH	410-430 mm	310 mm
PBE1616NH	410-430 mm	410 mm

Product Code	Fits Wheelchair Width	Height
PBE1618NH	410-430 mm	460 mm
PBE1620NH	410-430 mm	510 mm
PBE1710NH	430-460 mm	250 mm
PBE1712NH	430-460 mm	310 mm
PBE1716NH	430-460 mm	410 mm
PBE1718NH	430-460 mm	460 mm
PBE1720NH	430-460 mm	510 mm
PBE1810NH	460-480 mm	250 mm
PBE1812NH	460-480 mm	310 mm
PBE1816NH	460-480 mm	410 mm
PBE1818NH	460-480 mm	460 mm
PBE1820NH	460-480 mm	510 mm
PBE1910NH	480-510 mm	250 mm
PBE1912NH	480-510 mm	310 mm
PBE1916NH	480-510 mm	410 mm
PBE1918MH	480-510 mm	460 mm
PBE1920NH	480-510 mm	510 mm
PBE2010NH	510-530 mm	250 mm
PBE2012NH	510-530 mm	310 mm
PBE2016NH	510-530 mm	410 mm
PBE2018NH	510-530 mm	460 mm
PBE2020NH	510-530 mm	510 mm



Invacare **Matrix Elite Deep Back**

The *Invacare Matrix Elite Deep Back* is designed with lateral supports to provide trunk support while allowing clearance for the shoulders and hips. Offers mid-line guidance from deep laterals with a slim design to enable functionality.

Key Features and Functional Benefits

Outer cover:

- Oversized cover/foam for extra comfort and protection
- Moisture resistant and breathable
- Includes removable lumbar positioning pad

Hardware:

- Hardware installed and adjusted in minutes – adjustments can be made while the person is seated in the wheelchair
- Easy Set, Split or Fixed mounting hardware available
- Refer to Hardware page

Back shell:

- Stylish and breathable back shell
- Lightweight - most models under 1.81 kgs

Sacral/lumbar support:

- Includes removable positioning pad

152 mm Contour Depth



Sacral/lumbar support

Deep

Width	355 mm - 505 mm
Height	305 mm, 405 mm, 455 mm, 505 mm
Weight capacity	136kgs

Product Code	Fits Wheelchair Width	Height
EDB1412NH	360-380 mm	310mm
EDB1416NH	360-380 mm	410mm
EDB1418NH	360-380 mm	460mm
EDB1512NH	380-410 mm	310mm
EDB1516NH	380-410 mm	410mm
EDB1518NH	380-410 mm	460mm
EDB1520NH	380-410 mm	510mm
EDB1612NH	410-430 mm	310mm
EDB1616NH	410-430 mm	410mm
EDB1618NH	410-430 mm	460mm
EDB1620NH	410-430 mm	510mm
EDB1712NH	430-460 mm	310mm
EDB1716NH	430-460 mm	410mm

Product Code	Fits Wheelchair Width	Height
EDB1718NH	430-460 mm	460mm
EDB1720NH	430-460 mm	510mm
EDB1812NH	460-480 mm	310mm
EDB1816NH	460-480 mm	410mm
EDB1818NH	460-480 mm	460mm
EDB1820NH	460-480 mm	510mm
EDB1912NH	480-510 mm	310mm
EDB1916NH	480-510 mm	410mm
EDB1918NH	480-510 mm	460mm
EDB1920NH	480-510 mm	510mm
EDB2012NH	510-530 mm	310mm
EDB2016NH	510-530 mm	410mm
EDB2018NH	510-530 mm	460mm
EDB2020NH	510-530 mm	510mm

Elite Back Covers

Product Code	Description
PBEC1210	Fits PBE1210NH
PBEC1212	Fits PBE1212NH
PBEC1214	Fits PBE1214NH
PBEC1216	Fits PBE1216NH
PBEC1310	Fits PBE1310NH
PBEC1312	Fits PBE1312NH
PBEC1314	Fits PBE1314NH
PBEC1316	Fits PBE1316NH
PBEC1410	Fits PBE1410NH
PBEC1412	Fits PBE1412NH
PBEC1414	Fits PBE1414NH
PBEC1416	Fits PBE1416NH
PBEC1418	Fits PBE1418NH
PBEC1510	Fits PBE1510NH
PBEC1512	Fits PBE1512NH
PBEC1516	Fits PBE1516NH
PBEC1518	Fits PBE1518NH
PBEC1520	Fits PBE1520NH
PBEC1610	Fits PBE1610NH
PBEC1612	Fits PBE1612NH
PBEC1616	Fits PBE1616NH

Product Code	Description
PBEC1618	Fits PBE1618NH
PBEC1620	Fits PBE1620NH
PBEC1710	Fits PBE1710NH
PBEC1712	Fits PBE1712NH
PBEC1716	Fits PBE1716NH
PBEC1718	Fits PBE1718NH
PBEC1720	Fits PBE1720NH
PBEC1810	Fits PBE1810NH
PBEC1812	Fits PBE1812NH
PBEC1816	Fits PBE1816NH
PBEC1818	Fits PBE1818NH
PBEC1820	Fits PBE1820NH
PBEC1910	Fits PBE1910NH
PBEC1912	Fits PBE1912NH
PBEC1916	Fits PBE1916NH
PBEC1918	Fits PBE1918NH
PBEC1920	Fits PBE1920NH
PBEC2010	Fits PBE2010NH
PBEC2012	Fits PBE2012NH
PBEC2016	Fits PBE2016NH
PBEC2018	Fits PBE2018NH
PBEC2020	Fits PBE2020NH

Elite Deep Back Covers

Product Code	Description
EDBC1412	Fits EDB1412NH
EDBC1416	Fits EDB1416NH
EDBC1418	Fits EDB1418NH
EDBC1512	Fits EDB1512NH
EDBC1516	Fits EDB1516NH
EDBC1518	Fits EDB1518NH
EDBC1520	Fits EDB1520NH
EDBC1612	Fits EDB1612NH
EDBC1616	Fits EDB1616NH
EDBC1618	Fits EDB1618NH
EDBC1620	Fits EDB1620NH
EDBC1712	Fits EDB1712NH
EDBC1716	Fits EDB1716NH
EDBC1718	Fits EDB1718NH

Product Code	Description
EDBC1720	Fits EDB1720NH
EDBC1812	Fits EDB1812NH
EDBC1816	Fits EDB1816NH
EDBC1818	Fits EDB1818NH
EDBC1820	Fits EDB1820NH
EDBC1912	Fits EDB1912NH
EDBC1916	Fits EDB1916NH
EDBC1918	Fits EDB1918NH
EDBC1920	Fits EDB1920NH
EDBC2012	Fits EDB2012NH
EDBC2016	Fits EDB2016NH
EDBC2018	Fits EDB2018NH
EDBC2020	Fits EDB2020NH

Lateral Options for *Matrix Elite Back*



Fixed

64 mm of vertical adjustment on back pan. Mount inside back shell without interfering with depth/angle adjustment. Available in standard H - 127 mm x L - 190 mm and paediatric H - 76 mm x L - 140 mm sizes.

- **PBLS-L** Standard Left Lateral (each) complete with Pad (191mm long x 127mm high).
- **PBLS-R** Standard Right Lateral (each) complete with Pad (191mm long x 127mm high).
- **PBSS-L** Small Left Lateral (each) complete with Pad (140mm long x 76mm high).
- **PBSS-R** Small Right Lateral (each) complete with Pad (140mm long x 76mm high).



Offset Fixed

Provides an additional 76 mm of vertical position (higher or lower) relative to mounting slots. Available H - 127 mm x L - 190 mm.

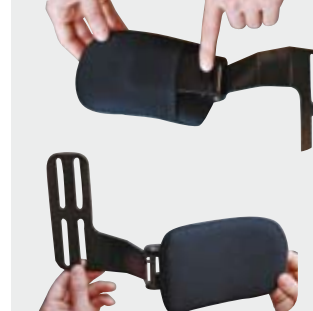
- **PBOL-L OR PBOL-R** Offset Left or Right Fixed Lateral complete with Pad (each).



Swing-Away

64 mm of vertical adjustment on back pan. Mount inside back shell without interfering with depth/angle adjustment. Easy push button release 4 pad sizes. Swings completely behind back. Does not interfere with flip-back arms.

- **SAHEB** Left or Right Swing Away Lateral (each).



Offset Swing-Away

Provides an additional 76 mm of vertical position (higher or lower). Mount inside back shell without interfering with depth/angle adjustment. Easy push button release, 4 pad sizes.

- **OSAH-L OR OSAH-R** Offset Left or Right Swing Away Lateral (each).

Optional Features



Headrest Adapter

Allows the headrest to be mounted directly onto *Invacare Matrix Elite backs*. Available in 3 sizes.

- **Small:** For attachment of headrests to Elite Backs 310mm wide
- **Medium:** For attachment of headrests to Elite Backs 330mm - 430mm wide
- **Large:** For attachment of headrests to Elite Backs 460 mm - 510mm wide



10" SOFT PAD

HEADREST KIT

- **PHRK**
- Multi-Axis hardware
- Dual pivot balls for pad orientation
- Depth adjustable through horizontal slide bar
- 254 mm soft pad



Lateral Pads

To be used in conjunction with Swing away and offset Swing away Laterals (for *Elite Back*):

- **EPAD-XS** Extra Small 108mm x 82.5mm (each).
- **EPAD-S** Small 133mm x 89mm (each).
- **EPAD-M** Medium 146mm x 95mm (each).
- **EPAD-L** Large 165mm x 108mm (each).



Invacare **Matrix PB Back**

The *Invacare Matrix PB Posture Back* is contoured to provide midline support and positioning. The extensive range of sizes provides exceptional support and comfort for a variety of customers.

Key Features and Functional Benefits

Foam:

- Moulded foam wraps around shell for maximum comfort and protection

Outer cover:

- Moisture resistant and breathable
- Available in black

Sacral/lumbar support:

- Includes removable positioning pad

Back shell:

- Contoured shell provides exceptional midline support and positioning
- Durable, lightweight ABS back shell includes built-in plate for headrest attachment

Hardware:

- Hardware installed and adjusted in minutes – adjustments can be made while the person is seated in the wheelchair
- Easy Set, Split or Fixed mounting hardware available
- Refer to Hardware page

127 mm Contour Depth-standard



Sacral/lumbar support

Standard

Width	355 mm, 405 mm, 430 mm, 455 mm, 505 mm
Height	305mm, 405mm, 505mm
Weight Capacity	136kgs

Heavy-Duty

Width	505 mm, 560 mm, 610 mm
Height	405mm, 505mm
Weight Capacity	227kgs

Extra Wide

Width	610 mm – 760 mm
Height	405mm, 505mm
Weight Capacity	227kgs

PB BACK		
Product Code	Fits Wheelchair Width	Height
MPB1412NH	330-380 mm	310mm
MPB1416NH	330-380 mm	410mm
MPB1612NH	380-430 mm	310mm
MPB1616NH	380-430 mm	410mm
MPB1620NH	380-430 mm	510mm
MPB1712NH	410-460 mm	310mm
MPB1716NH	410-460 mm	410mm
MPB1720NH	410-460 mm	510mm
MPB1812NH	430-480 mm	310mm
MPB1816NH	430-480 mm	410mm
MPB1820NH	430-480 mm	510mm
MPB2012NH	480-510 mm	310mm
MPB2016NH	480-510 mm	410mm
MPB2020NH	480-510 mm	510mm

PB BACK COVERS	
Product Code	Description
PBC1412	Fits MPB1412NH
PBC1416	Fits MPB1416NH
PBC1612	Fits MPB1612NH
PBC1616	Fits MPB1616NH
PBC1620	Fits MPB1620NH
PBC1712	Fits MPB1712NH
PBC1716	Fits MPB1716NH
PBC1720	Fits MPB1720NH
PBC1812	Fits MPB1812NH
PBC1816	Fits MPB1816NH
PBC1820	Fits MPB1820NH
PBC2012	Fits MPB2012NH
PBC2016	Fits MPB2016NH
PBC2020	Fits MPB2020NH



Invacare **Matrix PB Deep Back**

The *Invacare Matrix PB Deep back* is contoured to provide increased midline support and positioning. Provides the same features as the standard Posture Back with increased contour depth for more midline guidance and positioning.

Key Features and Functional Benefits

Foam

- Moulded foam wraps around shell for maximum comfort and protection

Outer cover:

- Moisture resistant and breathable
- Available in black

Sacral/lumbar support:

- Includes removable positioning pad

Back shell:

- Contoured shell (standard/deep) provides exceptional midline support and positioning
- Durable, lightweight ABS back shell includes built-in plate for headrest attachment

Hardware:

- Hardware installed and adjusted in minutes – adjustments can be made while the person is seated in the wheelchair
- Easy Set, Split or Fixed mounting hardware available
- Refer to Hardware page

178mm Contour Depth-deep



Sacral/lumbar support

Deep

Width	355 mm, 405 mm, 430 mm, 455 mm, 505 mm
Height	305mm, 405mm, 505mm
Weight Capacity	136kgs

Heavy-Duty

Width	505 mm, 560 mm, 610 mm
Height	405mm, 505mm
Weight Capacity	227kgs

Extra Wide

Width	610 mm – 760 mm
Height	405mm, 505mm
Weight Capacity	227kgs

PB DEEP BACK		
Product Code	Fits Wheelchair Width	Height
PBD1412NH	330-380 mm	310mm
PBD1416NH	330-380 mm	410mm
PBD1612NH	380-430 mm	310mm
PBD1616NH	380-430 mm	410mm
PBD1620NH	380-430 mm	510mm
PBD1712NH	410-460 mm	310mm
PBD1716NH	410-460 mm	410mm
PBD1720NH	410-460 mm	510mm
PBD1812NH	430-480 mm	310mm
PBD1816NH	430-480 mm	410mm
PBD1820NH	430-480 mm	510mm
PBD2012NH	480-530 mm	310mm
PBD2016NH	480-530 mm	410mm
PBD2020NH	480-530 mm	510mm

PB DEEP BACK COVERS	
Product Code	Description
DMC1412	Fits PBD1412NH
DMC1416	Fits PBD1416NH
DMC1612	Fits PBD1612NH
DMC1616	Fits PBD1616NH
DMC1620	Fits PBD1620NH
DMC1712	Fits PBD1712NH
DMC1716	Fits PBD1716NH
DMC1720	Fits PBD1720NH
DMC1812	Fits PBD1812NH
DMC1816	Fits PBD1816NH
DMC1820	Fits PBD1820NH
DMC2012	Fits PBD2012NH
DMC2016	Fits PBD2016NH
DMC2020	Fits PBD2020NH



Invacare **Matrix Hardware**

The *Invacare **Matrix Easy Set hardware*** is easily installed in minutes, and all adjustments can be made with the the person seated in the wheelchair.

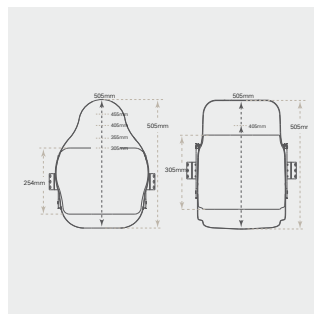
Key Features and Functional Benefits

- Quick release for easy portability
- Infinite adjustment of depth 102 mm, angle (40°) and rotation
- Fits 19 mm, 22 mm and 25 mm diameter canes



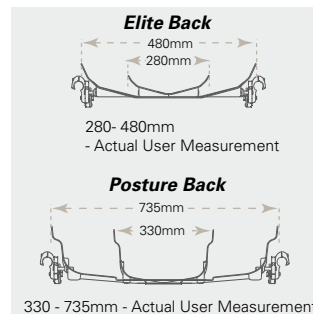
Styles

*Invacare **Matrix backs***: Elite, Elite Deep, PB and PB Deep are interchangeable on the **Easy Set Hardware**.



Heights

Several back heights available to provide support from low to upper thoracic.



Widths

Back widths from 280 mm – 735 mm are available to provide exact fit for each person.



Contour Depth

Choice of 4 contour depths for appropriate midline support requirements.

Accessories - Mounting Pins

Standard Mounting Pins

Standard mounting pins (included with all *Invacare **Matrix PB/Elite backs***) allow the *Invacare **Matrix PB back*** to fit chairs 25.4 mm narrower or same model width. Allows **Elite Back** to fit chairs the same width

Longer Mounting Pins

Longer mounting pins (included with all *Invacare **Matrix PB/Elite backs***) allow the *Invacare **Matrix PB*** and **Elite Backs** to fit chairs 25.4 mm wider

Extended Mounting Pins

Optional extended mounting pins available for *Invacare **Matrix PB & Elite Backs*** (Not available on Heavy Duty PB backs). Allows the back to fit chairs up to 50 mm wider.

Easy Set Hardware Adjustments



Depth

Adjusts 50 mm behind back canes.



Depth

Adjusts 50 mm in front of back canes.



Angle

20° anterior range of back angle adjustment.



Angle

20° posterior range of back angle adjustment.



Rotation

Back may be orientated to accommodate pelvic/trunk rotation.

Other Mounting Hardware Options



Heavy Duty "Easy-Set" Mounting Hardware

- Standard with Heavy-Duty Posture Backs
- Recommended for people over 136kgs, high tone or heavy use



Fixed Space Saver Mounting Hardware

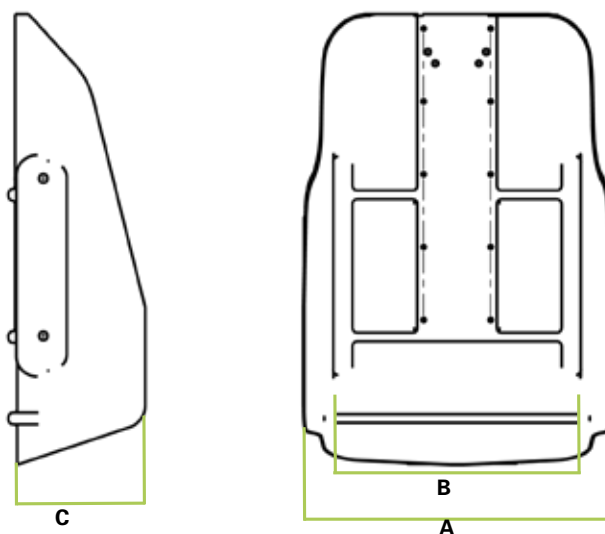
- Non-Portable
- Requires tools for removal of back from wheelchair
- Saves space for tighter width applications
- Fully adjustable, available as a no charge option



Split Mounting Hardware

- Provides clearance of mid back cane rigidizer bars
- Not recommended for Heavy-Duty Posture backs
- Available as a no charge option

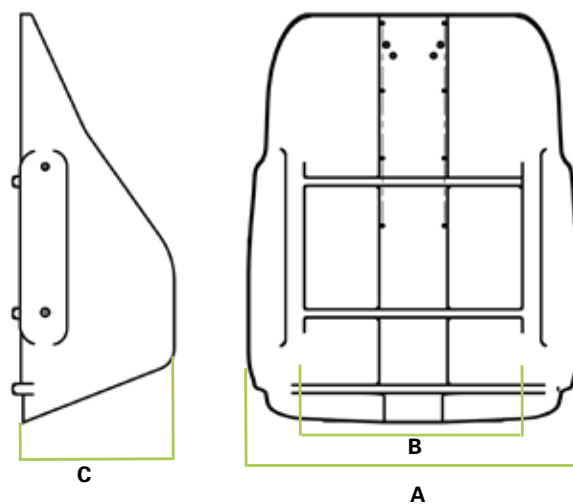
Invacare **Matrix Back Specifications**



B - Actual client measurement

Invacare **Matrix PB Back**

Back Height	305 mm, 405 mm, 505 mm				
Width	355 mm	405 mm	430 mm	455 mm	505 mm
A-Outer Width	300 mm	350 mm	375 mm	400 mm	450 mm
B-Inner Width	265 mm	320 mm	340 mm	370 mm	420 mm
C-Contour Width	125 mm	125 mm	125 mm	125 mm	125 mm



B - Actual client measurement

Invacare **Matrix PB Deep Back**

Back Height	305 mm, 405 mm, 505 mm				
Width	330 mm-380 mm	380 mm- 430 mm	405 mm -455 mm	430 mm-480 mm	480 mm – 505 mm
A-Outer Width	305 mm	355 mm	380 mm	430 mm	480 mm
B-Inner Width	305 mm	355 mm	380 mm	405 mm	455 mm
C-Contour Width	178 mm	178 mm	178 mm	178 mm	178 mm
Depth adjustment	100 mm (50 mm in front or behind)				
Angle Adjustment	40 °				
Product Weight	Standard - 1.81 kgs Deep - 2.25 kgs				
Weight Capacity	136 kgs				
Limited Warranty	2 years				

Technical data

		Back Shell Weight:	Cover Cleaning:	Maximum User Weight:
Elite Back	300mm - 505mm	1.36 kgs	60°	136kgs
Elite Deep Back	300mm - 505mm	1.81kgs	60°	136kgs
PB Back	300mm - 760mm	1.81kgs	60°	136kgs
PB Deep Back	300mm - 760mm	2.25kgs	60°	136kgs

Colour

Mesh tex fabric

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 the Invacare® standard test conditions,
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 consultation.

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