

ATLANTIC RIM
BRACE MANUFACTURING CORP.

Spinal Brace Catalogue



Content

Introduction.....	2
New England Scoliosis Brace.....	3
Apello Scoliosis Brace.....	4
Atlantic Overlap Brace (A.O.B).....	6
Soft Atlantic Overlap Brace (S.A.O.B).....	7
Atlantic Custom Body Jacket TLSO.....	8
Atlantic Soft Body Jacket TLSO.....	9
Bivalve Brace.....	10
Transfer Patterns.....	11
General Terms.....	15

Introduction

Based in New Hampshire, USA, Atlantic Rim are a leading manufacturer of stock and custom spinal braces. With a vast array of techniques and technology, Atlantic Rim specialise in the creation of some of the most effective braces on the market.

Using their many years of experience dedicated to spinal brace design and fabrication, Atlantic Rim are able to outperform many other brace manufacturers in terms of both product quality and lead time.

DeNovo Healthcare hold a wide range of stock braces which allows your stock order to be delivered in 3 working days. Custom Made to measure braces are sent electronically for immediate fabrication. This generates an incredible delivery time of 5 - 6 working days

Made to cast orders are either securely sent to Atlantic Rim for processing or are scanned in the UK using CAD/CAM technology and sent electronically for fabrication to improve lead time and accuracy. This translates to a delivery scale of 12 working days for made to cast and 7 days for scanned made to cast.



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New England Scoliosis Brace

The Atlantic Rim New England Scoliosis brace has been specifically designed to be a highly effective treatment for idiopathic scoliosis. Its robust design and easily adaptable copolymer make this brace the ideal choice for the control of scoliosis and progressive curves.

The New England Scoliosis brace can be custom made to your measurements or from a cast for the ideal therapeutic fit to your patient. It is also possible to order this brace from a choice of 30 stock sizes.

Product Features

- 5/32" (4mm) Copolymer
- 3/16" (4.8mm) Thermaliner
- Built-in Iliac Crest Pads
- Available In 0° And 15° Lordosis
- 30 Stock Sizes
- Custom Made To Measurements - Delivery in 5 - 6 days
- Custom Made To Cast Or CAD/CAM - Delivery in 12 days
- Full Range Of Pads And Accessories Available

Indications

- Idiopathic Scoliosis
- Some Neuro-Muscular Scoliosis
- Kyphosis



Stock Measurements

Size	Chest (cm)	Waist (cm)	Hips (cm)
1	49	40	54
2	51	42	58
3	54	45	62
4	56	47	64
5	55	51	66
6	56	46	67
7	60	47	71
8	62	55	72
9	63	48	75
10	69	57	78
11	64	51	79
12	66	57	80
13	68	52	82
14	68	58	82
15	73	56	84

Size	Chest (cm)	Waist (cm)	Hips (cm)
16	78	63	84
17	69	54	86
18	69	60	86
19	73	69	86
20	75	58	88
21	75	64	88
22	83	72	90
23	72	60	92
24	69	63	92
25	78	68	92
26	76	62	94
27	84	70	94
28	75	66	96
29	80	68	97
30	88	76	97

Apello Scoliosis Brace

The Apello Scoliosis brace is a completely fresh approach to the treatment of idiopathic scoliosis. Described as an asymmetrical scoliosis T.L.S.O which can treat not only the curvature of the spine in the coronal plane but the trunk shift(s) in this plane also. The asymmetrical design of this brace lead not only to increased treatment efficiency but also increased comfort and thus patient compliance. Since the Apello is designed from the start to provide treatment asymmetrically, it performs consistently better than adapting a standard TLSO to be asymmetrical.

Product Features

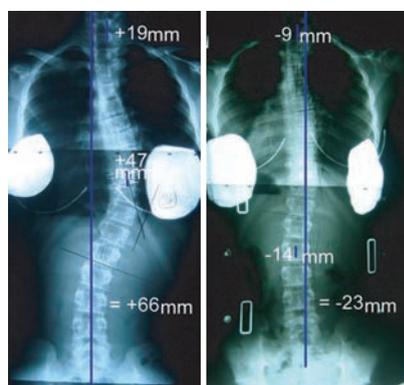
- Designed to decrease decompensation and coronal plane trunk shift(s) to achieve overall spine balance.
- CAD/CAM Designed Asymmetrical TLSO
- Orthosis Made to Measure or Made to Cast
- Intended for full-time brace treatment
- Copolymer and Thermaliner
- Posterior Opening
- Built in Iliac Crest Pads
- Optional colour transfer paper
- Finished or Unfinished

Indications

- Idiopathic Scoliosis
- Some Neuro-Muscular Scoliosis

Orthosis Criteria

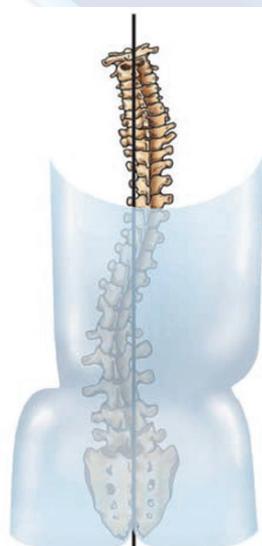
- Designed for curve types in which the curve is on the same side of CSL as the trunk shift. This can be checked with the following process:
- Central sacral line (CSL) is determined by bisecting the sacrum and measuring to the edge of the radiograph
- Use this measurement from the side of the radiograph to a point at the height of the T1
- Connect two points by drawing a line (CSL)
- Determine where each curve is in relation to CSL
- Verify that the curve or curves are both on the same side of the CSL on the out of orthosis radiograph.



Overall Balance Summation Corrected in Orthosis as well as Cobb angle



Determining a CSL Candidate



Example of apello TLSO brace use



Atlantic Overlap Brace (A.O.B)

The Atlantic Overlap Brace is one of the most popular choices in the Atlantic Rim range for a wide range of correctional and supportive applications. The LDPE material is the ideal choice to provide firm lumbar support without the over rigidity associated with thicker materials. The 3" overlap closing which this brace was designed with provides a highly adjustable method of closing the brace. This closing allows the variation in the level of compression that that brace provides.

Product Features

- 1/8" LDPE
- Anterior opening with a 3" overlap
- Optional Front Closure Kit
- Available In 0° and 15° Lordosis
- 20 Stock Sizes
- Custom Made To Measurements - delivery in 5 - 6 days
- Custom Made To Cast Or CAD/CAM - delivery in 12 days

Indications

- Post operative support
- Prolapsed Intervertebral disc
- Osteoporosis
- Osteoarthritis
- Hyperlordosis
- Compression fractures
- Spondylosis



Stock Measurements

Size	Chest (cm)	Waist (cm)	Hips (cm)
1	66	51	71
2	59	45	71
3	71	61	76
4	64	51	76
5	76	71	81
6	74	66	81
7	84	76	87
8	69	59	87
9	89	81	92
10	76	66	92

Size	Chest (cm)	Waist (cm)	Hips (cm)
11	94	87	97
12	84	74	97
13	99	92	102
14	92	81	102
15	109	97	109
16	92	84	109
17	114	100	114
18	94	87	114
19	117	104	117
20	101	96	117

Soft Atlantic Overlap Brace (S.A.O.B)

The Soft Atlantic Overlap Brace is the best alternative to the popular Atlantic Overlap Brace. With all the same uses and features as its harder plastic counterpart, this brace is able to provide the needed therapeutic effect to a patient who is not able to tolerate the forces involved with a more rigid brace. The Soft Atlantic Overlap Brace is constructed from a tri-laminate design which proves to be every bit as durable as the LDPE version of this brace.

Product Features

- 1/8" High density foam outer layer
- Reinforced with 1/16" LDPE (Middle layer)
- Lined with 1.8" soft foam black or white inner layer
- Anterior opening with a 3" overlap
- Available In 0° and 15° Lordosis
- 20 Stock Sizes
- Custom Made To Measurements - delivery in 5 - 6 days
- Custom Made To Cast Or CAD/CAM - delivery in 12 days

Indications

- Ideal for patients who cannot tolerate a more rigid brace
- Post operative support
- Prolapsed Intervertebral disc
- Osteoporosis, Osteoarthritis
- Hyperlordosis
- Compression fractures
- Spondylosis



Stock Measurements

Size	Chest (cm)	Waist (cm)	Hips (cm)
1	66	51	71
2	59	45	71
3	71	61	76
4	64	51	76
5	76	71	81
6	74	66	81
7	84	76	87
8	69	59	87
9	89	81	92
10	76	66	92

Size	Chest (cm)	Waist (cm)	Hips (cm)
11	94	87	97
12	84	74	97
13	99	92	102
14	92	81	102
15	109	97	109
16	92	84	109
17	114	100	114
18	94	87	114
19	117	104	117
20	101	96	117

Atlantic Custom Brace TLSO

The Atlantic Rim Body Jacket range is one of the most versatile methods of creating a spinal brace for your patient for a variety of applications. The Body Jacket is available in a wide choice of materials and as TLSO and LSO constructions. Orderable in made to measure, this ensures a fast turnaround of 5 - 6 working days. In addition to the made to measure jacket, you can also order a truly custom spinal jacket to measure, cast and CAD/CAM in a wide range of materials and options.

Indications

- Post operative support
- Conservative management spinal disorders
- Flexible neuro-muscular scoliosis
- Compression fractures
- Spinal Immobilization

Product Features - Body Jacket

- Available in LDPE, copolymer or MPE
- 1/8", 3/16" or 1/4" Thicknesses available
- Made to measure - delivery in 5 - 6 days
- Can be finished or unfinished
- Supplied lined or unlined
- Available in TLSO or LSO designs



Product Features - Custom Spinal

- Available in LDPE, copolymer or MPE
- 1/8", 3/16" or 1/4" Thicknesses available
- Made to measure, cast or CAD/CAM
- Available in TLSO or LSO designs
- Anterior, posterior or bivalve openings
- Step overlap, smooth overlap or butting options
- Available in 0° or 30° lordosis
- Supplied lined or unlined
- Made to cast orders - delivery in 12 days
- Made to measure - delivery in 5 - 6 days



Atlantic Soft Body Jacket TLSO

The Atlantic Soft Body Jacket TLSO is the best option for patients who need a firm spinal support but are unable to tolerate the rigidity of a hard plastic shell.

Available in made to measure, finished and unfinished as well as made to cast, this brace will ensure that the patient receives comfortable and firm spinal support. Available in 5 unique colours, the Soft Body Jacket can be the best option for increasing patient compliance before rigid bracing commences

Product Features

- 1/8" High density foam outer layer
- Optional 3/16" coloured foam:
 - Black Grey
 - Red Blue Yellow
- Reinforced with a rigid internal frame.
- Lined with 1/8", 3/16" OR 1/4" soft foam
- Anterior, Posterior or Bivalve opening
- Available in 0° or 15° lordosis
- Made to Measure - Delivery in 5 - 6 days
- Made to Cast - Delivery in 12 days
- Made to CAD/CAM - Delivery in 7 days
- Available in finished or unfinished

Indications

- Flexible spinal deformities
- Post operative support when a rigid brace would be unsuitable
- Ideal for use with children to increase patient compliance
- Non-surgical patient use
- When a spinal support is required but skin condition requires greater brace flexibility



Bivalve Brace

The Bivalve Brace from Atlantic Rim is the ideal choice for a wide range of correctional and supportive treatments. Made from strong 3/16" LDPE, this brace has been developed for excellent immobilisation from neck to hips. The opening used in this brace makes this the best option for patients whom require minimum movement of the spine during donning.

The Bivalve brace is also available in various custom options for a fit completely tailored to your patient's needs.

Features

- 3/16" (4.8mm) LDPE
- 3/16" (4.8mm) Thermaliner
- Built-in Iliac Crest Pads
- Available In 15° Lordosis
- 8 Stock Sizes
- Custom Made To Measurements - Delivery in 5 - 6 days
- Custom Made To Cast Or CAD/CAM - Delivery in 12 days

Indications

- Post operative support
- Compression fractures
- Spinal Immobilisation

Customs Options

- T.L.S.O shaped to sternum
- Clamshell version with overlapping or butting opening
- Finished or Unfinished A/P shells
- Pendulous abdomen
- Female breast relief
- Built in relief areas: Rib, ASIS etc.
- Reinforced areas for attaching metal components
- Orthopaedic grade plastics
- Copolymer, LDPE, MPE:
1/8" 5/32" 3/16" 1/4" Thickness



Stock Measurements

Size	Chest (cm)	Waist (cm)	Hips (cm)
Male Sizes			
S	76 - 85	73 - 82	89 - 98
M	86 - 95	83 - 93	99 - 108
L	96 - 105	94 - 103	109 - 117
XL	106 - 114	104 - 112	118 - 125
Female Sizes			
S	66 - 75	58 - 67	84 - 93
M	76 - 85	68 - 77	94 - 103
L	86 - 95	78 - 88	104 - 113
XL	96 - 104	89 - 97	114 - 122



Transfer Patterns

Want to personalize your brace? Choose one of the patterns below and let us know:



P1019 - Blue



P1013 - Tornado



P1016 - Dark Sky



P1005 - Jumbo Bears Yellow



P1014 - Fly & Drive Blue



P1015 - Fly & Drive



P1003 - Little Bear Red



P1004 - Little Bear Blue



P1083 - Starlight Pink



P1086 - Wonderland



P1090 - Leopard



P1092 - Brown



P1085 - FX



P1071 - Pink



P1069 - Tattoo Black White



P1091 - Blue Zebra



P1068 - Hearts Roses



P1065 - Soccer Blue Yellow



P1084 - Manhattan



P1067 - Pink Snake



P1066 - Soccer Germany



P1064 - Soccer Red White Blue



P1053 - US Flag



P1063 - Carbon Braid



P1051 - Rain Drops



P1056 - Pink Cammo



P1062 - Black



P1060 - Butterfly Spring



P1050 - Iceage 2



P1052 - Blue Snake



P1079 - Mystery



P1082 - Neptune



P1061 - Solar Orange Yellow



P1025 - Military Cammo



P1030 - Denim



P1026 - Butterfly Light Purple



P1074 - Caucasian



P1078 - Punk



P1076 - Flower Power



P1073 - Hispanic



P1021 - Yellow



P1023 - Ocean



P1032 - Light Sky



P1045 - Little Bear White



P1072 - Sweetheart



P1075 - Purple



P1020 - Red

General Terms

Ordering

To place an order, please post, email or fax us with your requirements. If you would like to order a made to measure or made to cast brace, please complete one of our Atlantic Rim order forms and include this with your description. This will ensure that we have all the required information to proceed with the fabrication. The Atlantic Rim order forms are available on our website or if you prefer, we can send you these forms by post or email.

Once we have received your order, it will be checked thoroughly by the staff at Denovo Healthcare and at Atlantic Rim. This will ensure the highest level of service and avoid any errors. If there are any discrepancies in the order we will contact you immediately to correct the problem, This will ensure that we can fabricate or dispatch your order.

Delivery

Stock Orders are processed and dispatched from Denovo Healthcare's warehouse. We aim to deliver your stock brace in 3 working days subject to stock. If your order is out of stock, we will ensure your brace is acquired directly from Atlantic Rim on an individual basis. This will ensure that your order is dispatched with minimal delay.

Made to Measure Orders are thoroughly checked for discrepancies and are then passed to Atlantic Rim for fabrication. We aim to deliver your brace in 5 - 6 working days. Made to Cast Orders are sent securely to Atlantic Rim by airmail. Made to scan orders are usually delivered in 12 Working days. As with made to measure braces, if there is a problem with your order, we will contact you as soon as possible so we can complete your brace with minimal delay. If you have requested that your cast is to be scanned in the UK and sent electronically. This will speed up lead time to 7 working days.

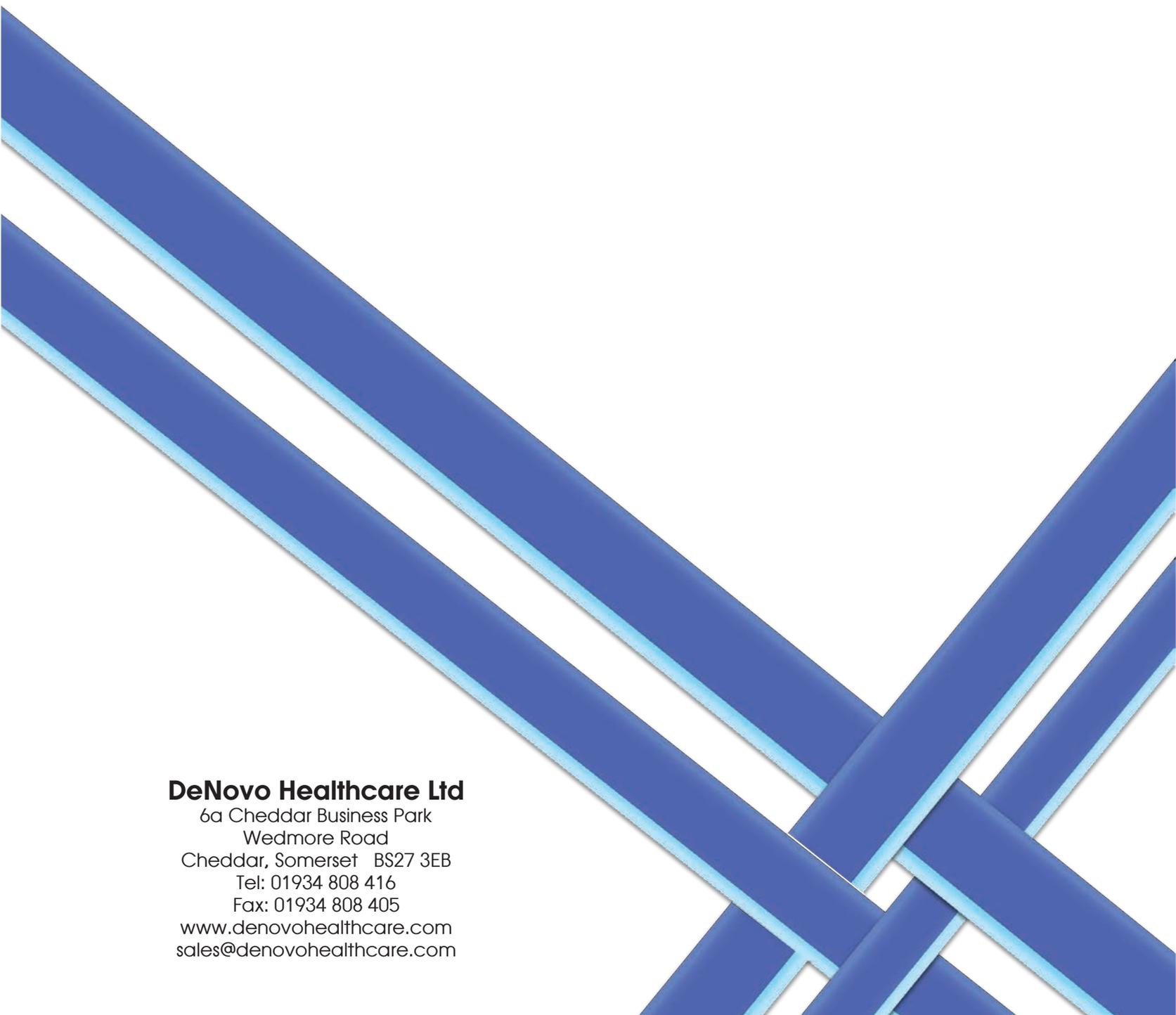
Returns

When you receive your order we want you to be happy with every aspect of your Atlantic Rim brace. However if there is a problem with your order, we will always do everything we can to correct the problem.

If you have ordered a stock brace, we will be happy to accept a return as long as the brace has not been modified from its original, new condition and within 30 days of delivery. Due to their custom nature, made to measure and made to cast orders are non returnable. Your statutory rights are not affected.

Payment & Delivery Tariff

Payment terms and delivery tariff information are available on request as this is dependent on your geographical location and pre agreed credit terms. If you have any other queries, please do not hesitate to contact us and we will be more than happy to assist you.



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