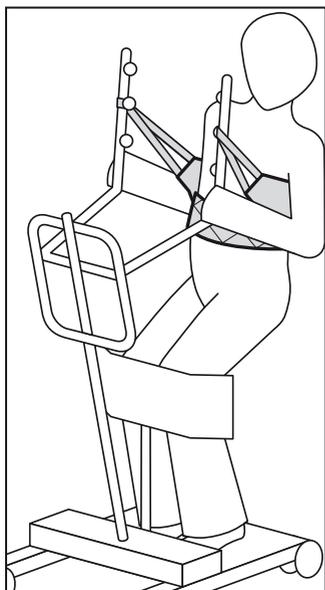




**Yes, you can.®**

## **Invacare® Stand Assist**

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**User's Manual (GB)**

**Brukerveiledning (NO)**

**Bedienungsanleitung (DE)**

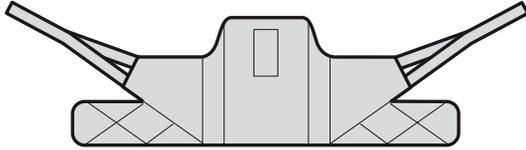
**Gebruiksaanwijzing (NL)**

**Manual d'utilisation (FR)**

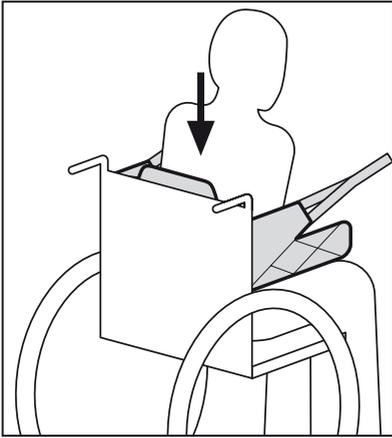
**Manual del usuario (ES)**

**Manual de Utilização (PT)**

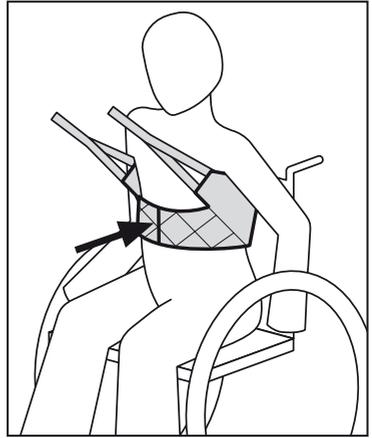
# Stand Assist



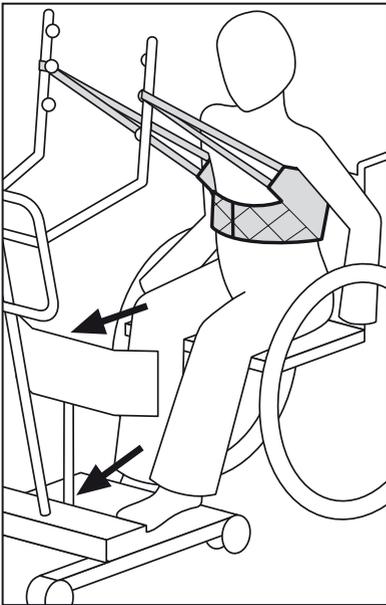
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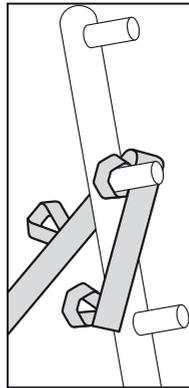
2.



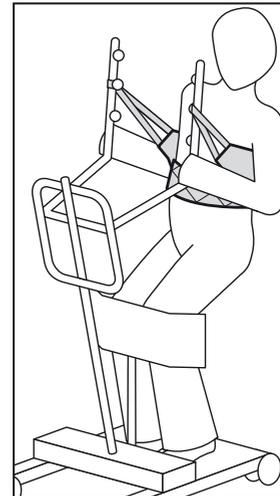
3.



4.



5.



# Quality Declaration

Congratulations with your new Invacare® sling from Invacare® EC-Høng A/S.

Your new sling is **CE**-marked in accordance with directive 93/42/EEC concerning medical devices.

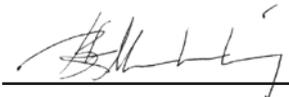
Invacare® slings are developed and constructed with consideration for the user and others handling or assisting with lifting. Each sling type has been developed in accordance with the European Standard EN 10535.

Invacare® slings have been supervised and quality controlled throughout the entire production process, and the finished sling has been inspected by our finished goods control.

Please read the entire user's manual before using the sling.

Invacare® EC-Høng A/S is certified according to ISO 9001 and ISO 13485.

For and on behalf of Invacare EC-Høng A/S



**Brian Mundeling**  
R & D Manager

# Invacare® Stand Assist

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## Stand Assist

Thank you for purchasing an Invacare® sling.

The following user's guide must be read and adhered to, or the warranty may be void. Please check your sling on delivery – if the sling is not in perfect condition, please contact your supplier.

The Invacare® Stand Assist sling used in conjunction with a standing hoist can provide an excellent transfer solution for those that have the ability to weight bear but are unable to independently stand. It also promotes independence and dignity of the client and allows a simple procedure for the caregiver.

The Stand Assist sling is suitable for clients with a significant trunk and head control and with an adequate arm and hand dexterity to hold the necessary bar of the hoist to stabilise themselves during the lift. The weight bearing ability should be bilateral.

### **Sling Application – Sitting in chair, wheelchair or on the edge of the bed**

Lean the client forward ensuring that they are well supported to reduce the risk of falling and to promote feelings of security.

Slide the sling down behind the back of the client in a central position aligned with the waist.

Sit the client back against the sling. **Picture 1.**

Fasten the vest round the clients waist by using the adjustable buckle and ensure that the clients arms are outside the Stand Assist sling. **Picture 2.**

Place the clients knees secure against the kneepad and make sure that the feet are positioned well on the footplate. **Picture 3.**

### **Attach loops to the bar**

Determine the best attachment point for the Stand Assist sling according to the height of the client. For a tall client the attachment point should be closest to the client and visa verse.

**Note:** The colour coded straps can be used to place the client in various positions. The colour makes it easy to connect both sides equally.

Attach the sling to the attachment point from the outside of the stand assist. **Picture 4.**

### **Make sure the following:**

- The sling is wrapped around the outside of each lift arm.
- Use the closest colour coded strap to the client that maintains stability and comfort.
- The colour coded strap sits flush against the attachment knob.
- The same colour coded point is used on each lift arm.
- Always use the same colour code on each side of the Stand Assist sling.

### **Before lifting the client always instruct the client to do the following:**

- Hold on the handgrips on both sides of the stand assist.
- Lean back into the Stand Assist sling. **Picture 5.**



Use only CE marked spreader bars and hoists, preferably with a rated Safe Working Load equal to or higher than that of the sling. If the SWL is lower than of the sling, the SWL of the spreader bar or hoist is applicable.



Always check that all the straps are properly attached to the spreader bar or lifting straps, before attempting to lift the client.



Invacare® recommend that a risk assessment is always carried out by a professional prior to issuing lifting equipment. Always choose the sling design and size according to the clients weight, size and physical ability.



Slings should be checked regularly for wear and damage\* – NEVER use a damaged sling. (\*In accordance with each country's regulations).



If you are in any doubt, please do not attempt to use the sling and seek the advice of a professional or your supplier.

Permissible max. load 159 kg.

Symbols:  = 159 kg     

Safe Working Load, consult the Users Manual, do not exceed 95°C washing temperature, do not bleach, do not tumble dry, do not iron.

All Invacare® slings are guaranteed for one year.



Yes, you can.<sup>®</sup>

## Customer Sales and Service

### Denmark

#### INVACARE A/S

Sdr. Ringvej 37  
DK-2605 Brøndby  
Phone: +45 36 90 00 00  
Fax: +45 36 90 00 01  
www.invacare.dk  
denmark@invacare.com

### Sweden & Finland

#### INVACARE AB

Fagerstagatan 9 / Box 66  
S-163 91 Spånga  
Phone: +46 8 761 70 90  
Fax: +46 8 761 81 08  
www.invacare.se  
sweden@invacare.com

### Norway & Iceland

#### INVACARE AS

Grensesvingen 9  
Postbox 6230 Etterstad  
N-0603 Oslo  
Phone: +47 22 57 95 00  
Fax: +47 22 57 95 01  
www.invacare.no  
norway@invacare.com

### Spain

#### INVACARE S.A.

C/Areny S/N  
Poligon Industrial de Celrà  
E-17460 Celrà (Girona)  
Phone: +34 972 49 32 00  
Fax: +34 972 49 32 20  
www.invacare.es  
contactsp@invacare.com

### Switzerland

#### MOBITEC REHAB AG

Benkenstrasse 260  
CH-4108 Witterswil  
Phone: +41 61 487 70 80  
Fax: +41 61 487 70 81  
switzerland@invacare.com

### Invacare<sup>®</sup> EC-Høng A/S

Ident. no.: 1487867

Version: 02

Date: 06.2007

### Belgium & Luxemburg

#### INVACARE N.V.

Autobaan 22  
B-8210 Loppem, Brügge  
Phone: +32 50 83 10 10  
Fax: +32 50 83 10 11  
www.invacare.be  
belgium@invacare.com

### Netherlands

#### INVACARE B.V.

Celsiusstraat 46  
NL-6716 BZ Ede  
Phone: +31 318 695 757  
Fax: +31 318 695 758  
www.invacare.com  
nederland@invacare.com  
csede@invacare.com

### Germany

#### INVACARE AQUATEC GmbH

Alemannenstrasse 10  
D-88316 Isny  
Phone: +49 75 62 7 00 0  
Fax: +49 75 62 7 00 66  
www.invacare-aquatec.com  
info@invacare-aquatec.com

### Portugal

#### INVACARE Lda

Rua Estrada Velha 949  
P-4465-784 Leça do Balio  
Phone: +351 225 1059 46/47  
Fax: +351 225 1057 39  
www.invacare.pt  
portugal@invacare.com

### Australia

#### INVACARE Australia Pty Ltd

1 Lenton Place, North Rocks  
NSW 2151  
Phone: +61 2 8839 5333  
Fax: +61 2 8839 5353  
www.invacare.com.au  
sales@invacare.com.au

3rd party certified  
according to  
EN ISO 9001  
EN ISO 13485

### France

#### INVACARE Poirier S.A.S

Route de St. Roch  
F-37230 Fondettes  
Phone: +33 2 47 62 64 66  
Fax: +33 2 47 42 12 24  
www.invacare.fr  
contactfr@invacare.com

### Italy

#### INVACARE MECC SAN S.R.L.

Via dei Pini 62  
I-36016 Thiene (VI)  
Phone: +39 0445 38 00 59  
Fax: +39 0445 38 00 34  
www.invacare.it  
italia@invacare.com

### United Kingdom & Ireland

#### INVACARE LTD

South Road  
Bridgend Industrial Estate  
UK-Bridgend, CF31 3PY  
Phone: +44 1 656 664 321  
Fax: +44 1 656 667 532  
www.invacare.co.uk  
uk@invacare.com  
ireland@invacare.com

### New Zealand

#### INVACARE NZ

4 Westfield Place,  
Mt. Wellington  
Auckland  
Phone: +64 9 917 3939  
Fax: +64 9 917 3957  
www.invacare.co.nz  
sales@invacare.co.nz

### Austria

#### MOBITEC MOBILITÄTSHILFEN GmbH

Herzog Odilostrasse 101  
A-5310 Mondsee  
Phone: +43 6232 5535 0  
Fax: +43 6232 5535 4  
www.mobitec-austria.com  
austria@invacare.com

Manufacturer:

#### INVACARE EC-Høng A/S

Østergade 3  
DK-4270 Høng  
www.invacarebeds.dk

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specifications at the time the test were carried out.

**Applicant Name & Address** : Invacare Corporation  
1 Invacare Way  
Elyria, OH 44035 USA

**Product Description** : Non-rigid body support units

**Relevant Standards** : ISO 10535:2006

**Acceptance Level** : No part shall show any sign of damage or wear.  
Any dimensional change shall be determined by measurement

**Results** : Pass

**Verification Issuing Office Name & Address** : Intertek-Grand Rapids  
4700 Broadmoor Ave. SE Suite 200  
Kentwood, MI 49512 USA

**Date of Test** : September 11, 2013 to June 6, 2014

**Report Number(s)** : 101301824GRR-001A  
101301824GRR-001B  
101301824GRR-001C  
101301824GRR-001D

**Products Tested:**

Non-rigid body support unit type:	Universal Low,
	Universal Standard,
	Universal High,
	Universal High Plus
Size:	XS, S, M, L, XL
SWL:	200 kg, 250 kg for XL
Maximum Washing Temperature:	95°C
Material:	100% Polyester

Non-rigid body support unit type:	Easy-Fit
Size:	XS, S, M, L, XL
SWL:	200 kg, 250 kg for XL
Maximum Washing Temperature:	95°C
Material:	100% Polyester

Non-rigid body support unit type	Stand Assist
	Standing Transfer Vest
	Transfer Stand Assist
Size:	S, M, L, XL
SWL:	200 kg
Maximum Washing Temperature:	95°C
Material:	100% Polyester

Non-rigid body support unit type:	Dress Toileting
	Dress Toileting High
Size:	S, M, L, XL
SWL:	200 kg, 250 kg for XL
Maximum Washing Temperature:	95°C
Material:	100% Polyester

Non-rigid body support unit type:	Comfort,
	Comfort Toileting
	Comfort Standard
Size:	XS, S, M, L, XL
SWL:	200 kg, 250 kg for XL
Maximum Washing Temperature:	95°C
Material:	100% Polyester

Non-rigid body support unit type:	Amputee
Size:	S, M, L, XL
SWL:	200 kg, 250 kg for XL
Maximum Washing Temperature:	95°C
Material:	100% Polyester

Non-rigid body support unit type:	Lifting Band
Size:	Short or Long
SWL:	200 kg
Maximum Washing Temperature:	95°C
Material:	100% Polyester

Non-rigid body support unit type:	Stretcher Sling
Size:	One Size Only
SWL:	200 kg
Maximum Washing Temperature:	95°C
Material:	100% Polyester

Intertek Testing Services NA, In. Grand Rapids (Kentwood) facility is accredited in accordance with ISO/IEC 17025 by the American Association of Laboratory Accreditation (A2LA) [Certificate No. 0078.02](#)

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

**NOTE : This verification is part of the full test report(s) and should be read in conjunction with it.**



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**Signature**

**Name: Anthony Serge**

**Position: Department Manager**

**Date: June 9, 2014.**



## EC - DECLARATION OF CONFORMITY

The producer, Invacare EC-Høng A/S, declares that the product:

Product: Invacare® European Sling Range, sling programme for personnel hoists

Production date: From week 17 – 2006

Type: Invacare® sling

conforms to the requirements of the European Medical Device Directive 93/42/EEC, relating to class I products, and standard EN ISO 10535 "Hoists for the transfer of disabled persons".

Furthermore, the slings have undergone a risk analysis according to EN ISO 14971.

Any modification made to this product without our express permission and approval shall render this declaration null and void.

This EC Declaration of Conformity belongs to technical file no: 619039.

01.04.2009

Date

Göran Löfgren, Managing Director

Gunnar Karlsson, Quality Manager

3<sup>rd</sup> party certified according to **EN ISO 9001** and **EN ISO 13485**

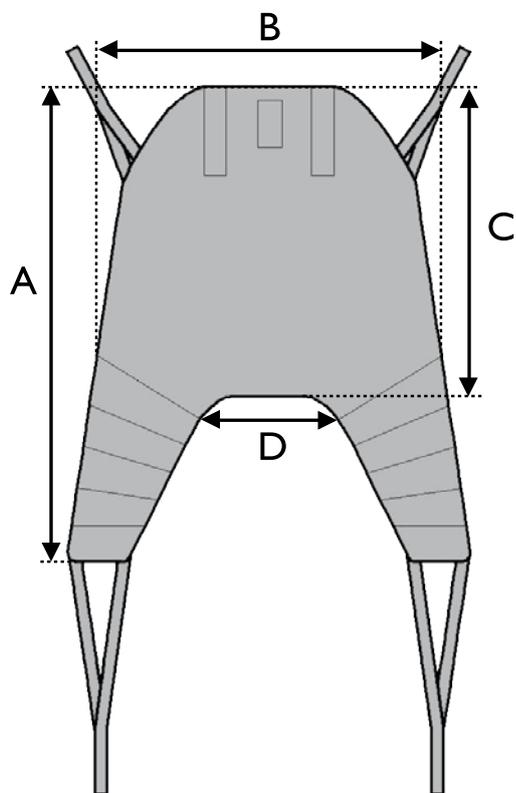
Manufacturer:

**INVACARE EC-HØNG A/S • DENMARK**



### **Optimal positioning and ease of application**

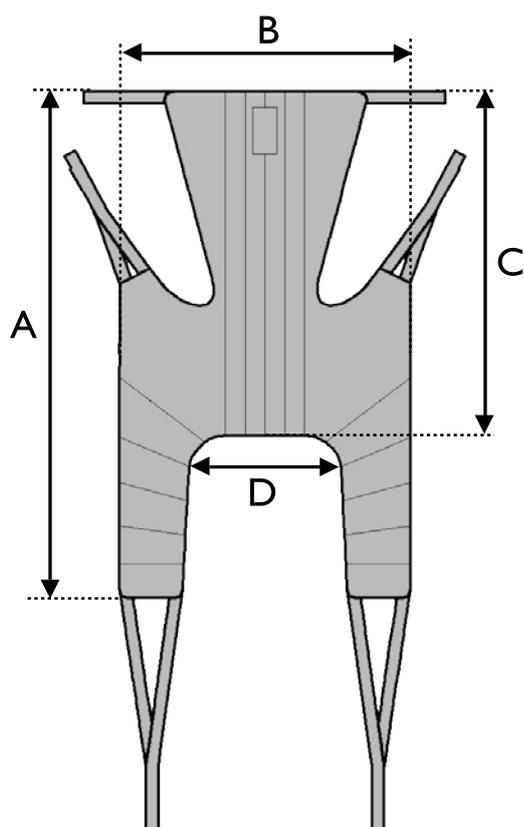
Invacare's range of slings provides a safe and comfortable transfer solution for many types of physical disability. This selection of high quality slings has been developed with the collaboration of Occupational and Physiotherapists, to ensure optimal fit, support for the client and ease of application for the carer. Most slings are available in five sizes with the option of fabric type. A range of adjustments enable the slings to meet the specific needs of the individual.



**Invacare Universal High Sling**

Supports the whole body and the head giving the client a comfortable and slightly reclined position. The **Universal High Sling** is typically used for those who have limited control of the head, trunk or hips - or for transfers to and from a lying position. The **Universal High Sling** can also be used for seated to seated transfers. This sling can also be used without the head support, by simply removing the plastic rigidisers.

Size	A	B	C	D
<b>XS</b>	1040	740	610	340
<b>S</b>	1080	840	730	380
<b>M</b>	1420	1000	830	400
<b>L</b>	1550	1100	920	510
<b>XL</b>	1680	1150	920	550

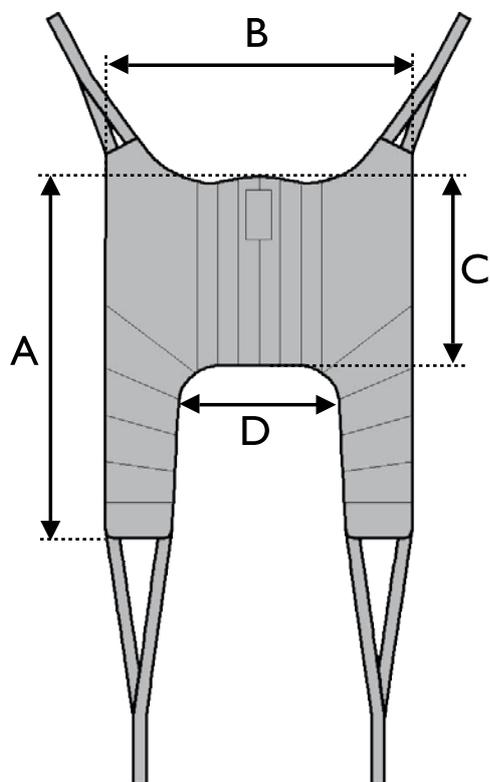


**Invacare Universal High Plus Sling**

Supports the whole body including the head giving the client a comfortable and slightly reclined position. The **Universal High Plus sling** also allows clients keep their arms outside the sling. It is typically used for those who have limited control of the head, trunk or hips - or for transfers to and from a lying position. The **Universal High sling** can also be used for seated to seated transfers. This model has a stiffened fabric in the back section, to ensure optimal weight distribution and comfort for the client.

Also available in Net and Spacer material.

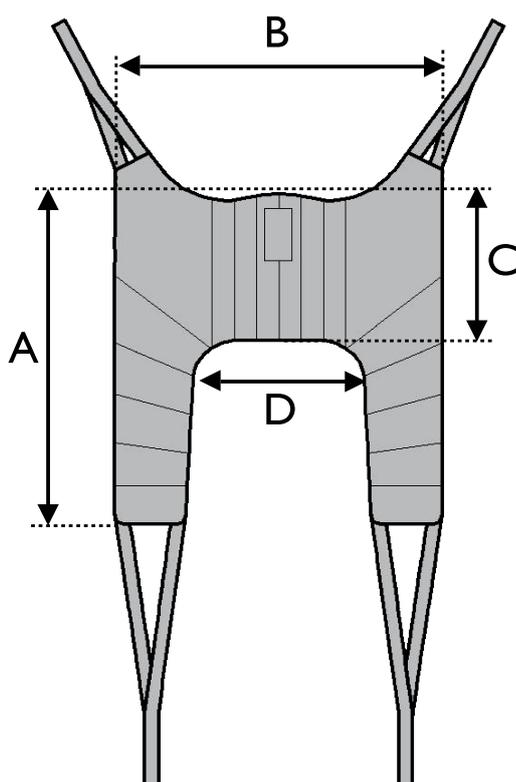
Size	A	B	C	D
<b>S</b>	1380	840	880	340
<b>M</b>	1510	950	930	450
<b>L</b>	1580	1100	970	560
<b>XL</b>	1590	1190	970	630



**Invacare Universal Standard Sling**

Supports the whole body; including the shoulders. This sling should only be used for those who have good head control. The **Universal Standard sling** is often preferred as an all-round sling for the elderly, as it supports the entire body and gives the client a feeling of comfort as well as an unobstructed view. This sling can be used for seated to seated transfers and is easy to apply. This model also has a stiffened fabric in the back section, to ensure optimal weight distribution and comfort for the client.

Size	A	B	C	D
<b>S</b>	1000	920	510	410
<b>M</b>	1090	1050	560	480
<b>L</b>	1180	1090	580	560
<b>XL</b>	1240	1250	585	710



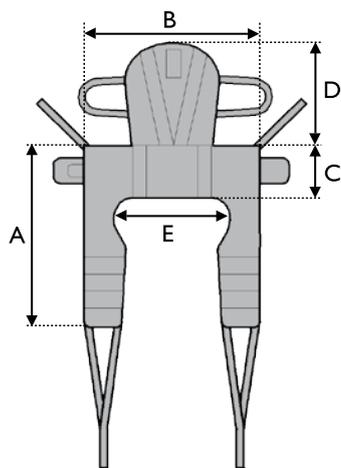
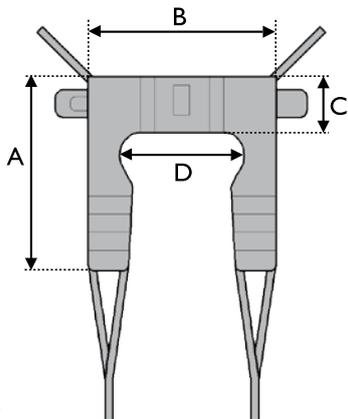
**Invacare Universal Low Sling**

Supports the hips and lower back. The **Universal Low sling** can be used for those who have some trunk control and full head control. It is used for seated to seated transfers and is easy to apply. This sling also has stiffened back section to ensure optimal weight distribution and comfort for the user.

Size	A	B	C	D
<b>S</b>	850	800	350	410
<b>M</b>	920	940	375	480
<b>L</b>	950	1075	405	575

**Invacare Dress Toileting Sling**

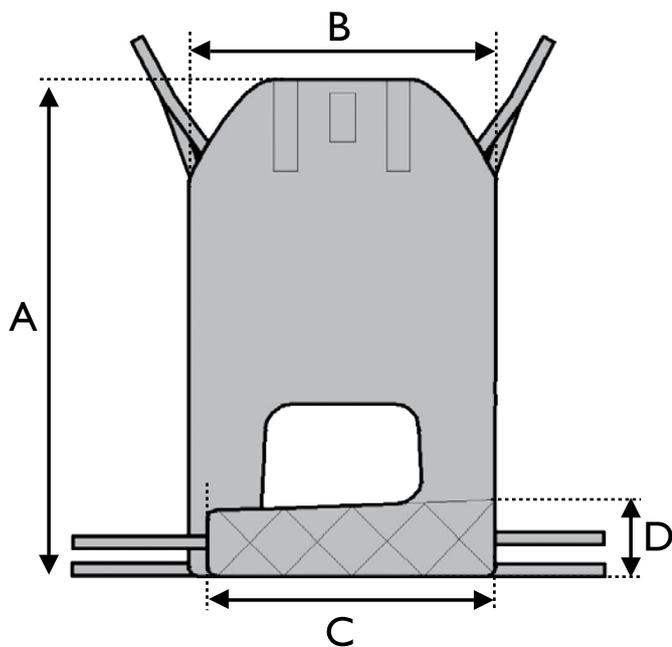
Within the Invacare sling range there are two toilet transfer slings available; with or without head support. Both models come with a belt for increased support around the body and for safe positioning. The **Dress Toileting Sling** is suitable for those who have limited mobility. The model with head support is designed for clients who also have reduced head control. The **Dress Toileting Sling** is suitable for those who want to be able to dress and undress during the toilet transfer. It is used for seated to seated transfers and is very easy to apply.



Size	A	B	C	D
<b>S</b>	870	710	200	430
<b>M</b>	950	800	230	490
<b>L</b>	1020	900	230	600
<b>XL</b>	1100	1080	270	760

**Invacare Dress Toileting High Sling**

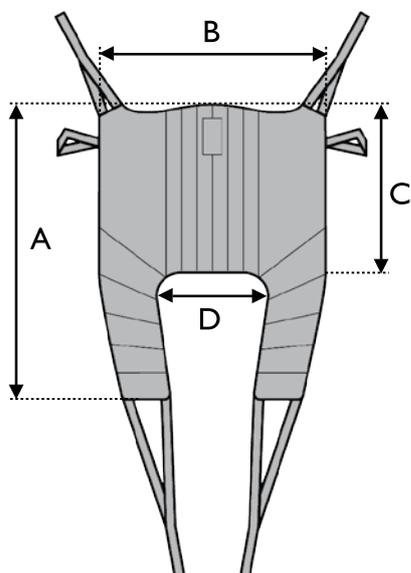
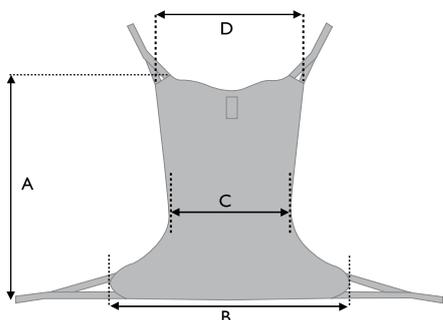
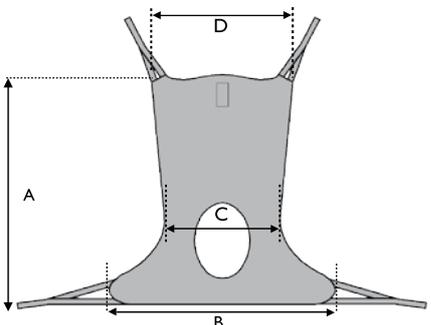
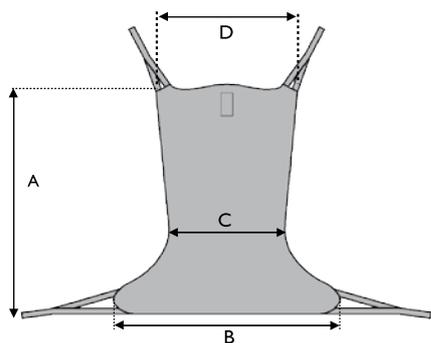
Size	A	B	C	D	E
<b>S</b>	870	710	200	400	430
<b>M</b>	950	800	230	470	490
<b>L</b>	1020	900	230	470	600
<b>XL</b>	1100	1080	270	470	760



**Invacare Easy-fit Sling**

Supports the whole body and the head, and is therefore suited for clients with the most challenging physical disabilities. The specially designed separate leg supports are easy to apply, and the sling affords a good hip position, which allows the client to sit relatively upright. The **Easy-fit sling** is also well-suited for amputees. It is easy to apply in both sitting and lying positions

Size	A	B	C	D
<b>XS</b>	1100	710	595	170
<b>S</b>	1130	760	640	180
<b>M</b>	1200	800	675	190
<b>L</b>	1270	860	720	210
<b>XL</b>	1390	940	780	220



**Invacare Comfort Sling, Comfort Sling with Hygiene Opening and Comfort Standard Sling**

This sling model is available in two versions. The **Comfort Sling** supports the whole body - including the head. The **Comfort Standard Sling** supports the whole body including the shoulders, but not the head. The latter is suitable for those who have good head control.

The Invacare range of **Comfort Slings** is ideally suited to those with chronic pain. The sling is also useful for above-knee amputees or for those, who due to postural position or pain, prefer to remain in a seated position.

Both the **Comfort** and **Comfort Standard Sling** can be put on while the client is lying down and used to transfer the individual into a seated position.

The **Comfort Sling** with Hygiene Opening is worn the same way and used for toileting.

Invacare **Comfort Sling** with and without Toileting Opening

Size	A	B	C	D
<b>XS</b>	1040	970	510	960
<b>S</b>	1150	1050	550	1020
<b>M</b>	1395	1170	610	1160
<b>L</b>	1445	1290	675	1280
<b>XL</b>	1460	1330	745	1470

Invacare **Comfort Standard Sling**

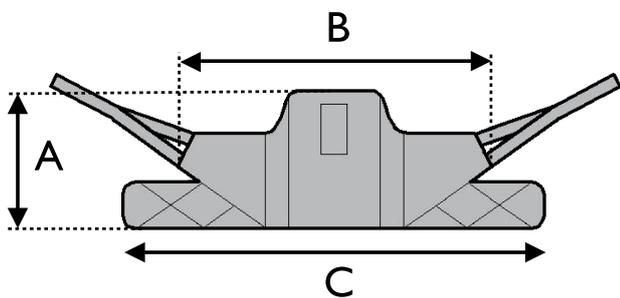
Size	A	B	C	D
<b>S</b>	960	1050	550	1000
<b>M</b>	1020	1170	610	1050
<b>L</b>	1160	1290	675	1110

**Invacare Amputee Sling**

This model is specially designed for the safe transfer of clients with single or double amputations. The sling affords the user comfortable support in a slightly reclined position. It is important that the client has good head control.

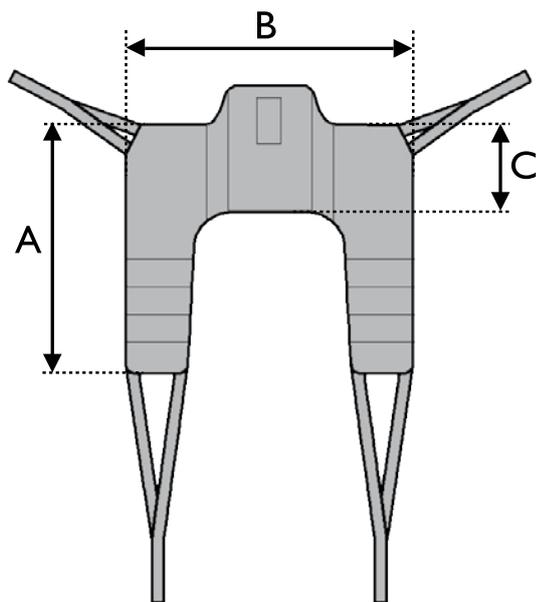
Size	A	B	C	D
<b>S</b>	1100	930	490	320
<b>M</b>	1160	970	520	360
<b>L</b>	1360	1230	570	430
<b>XL</b>	1400	1350	570	480

**Invacare Stand Assist Sling**



Designed for use with the **Reliant 350** lifter, but compatible with other types of Stand Assist lifter\*, the **Invacare Stand Assist Sling** offers a comfortable and safe transfer for clients who have some weight bearing ability, but cannot stand independently. In addition, the client should be coherent, have good body and head control and the ability to grip the lift boom during the transfer. The sling is well padded and comes with non-slip material on the back to ensure a comfortable transfer position.

Size	A	B	C
<b>S</b>	260	840	950
<b>M</b>	330	895	1170
<b>L</b>	360	950	1270
<b>XL</b>	360	1020	1810



**Invacare Transfer Stand Assist Sling**

The **Invacare Transfer Stand Assist Sling** can be used with the **Reliant 350** lifter and enables a simple seated transfer. This sling is used for those with good body and head control who are able to grip the lift boom.

Size	A	B	C
<b>S</b>	860	840	240
<b>M</b>	1020	895	260
<b>L</b>	1180	950	330
<b>XL</b>	1230	1020	350

\* Please refer to the Lifter manufacturer's compatibility instructions

### Sling Accessories



Fleece padding for extra comfort



Leg insert, Foam. For **Universal Standard**, **Universal High** and **High Plus** in Net Material



Extension loops - in order to give more positioning possibilities



Head support stiffeners - for Slings with head support. **Easy Fit**, **Universal High**

### Fabrics



#### Solid Polyester

A standard material that is easy to apply - slides smoothly and dries quickly after washing.



#### Net\*

Used for bathing or if the user will stay seated on the sling for a period of time.



#### Spacer\*

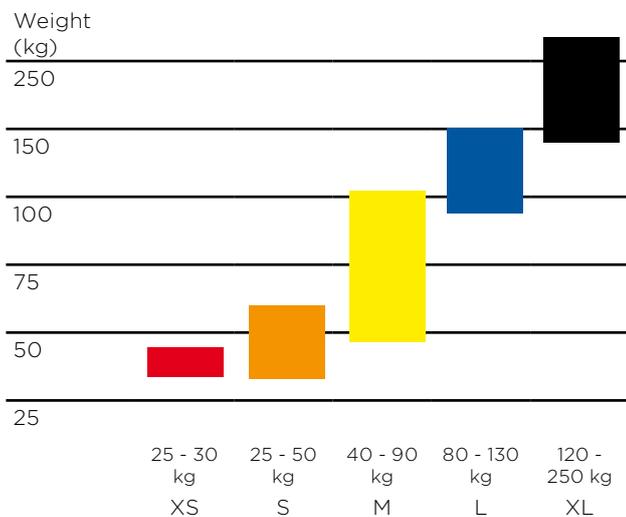
A slightly elastic fabric that adapts to the user's body shape. Well suited for those with skin integrity issues.

\* It is important to carry out a risk assessment with reference to skin integrity for those who be seated on a sling for long periods.

Sling Types	Fabric Matrix			Size Matrix				
	Solid	Net	Spacer	XS	S	M	L	XL
Universal Low	●				●	●	●	
Universal Standard	●	●	●		●	●	●	●
Universal High	●	●	●	●	●	●	●	●
Universal High Plus	●	●	●		●	●	●	● <sup>1</sup>
Dress Toileting	●				●	●	●	●
Dress Toileting High	●				●	●	●	●
Easy-fit	●		●	●	●	●	●	●
Amputee	●				●	●	●	●
Comfort		●	●	●	●	●	●	●
Comfort Toilet	●	●		●	●	●	●	●
Comfort Standard		●	●		●	●	●	●
Standing Transfer Vest	●			●	●	●	●	●
Stand Assist	●				●	●	●	●
Transfer Stand Assist	●				●	●	●	●

<sup>1/</sup> Only available in solid material

## Size guide



## Technical data



Invacare **Slings** 200 kg  
XL sizes 250 kg



95°



All slings should be tested and adjusted to the individual user to ensure optimal comfort and safety during transfers.



Invacare Limited  
Pencoed Technology Park -  
Pencoed - Bridgend CF35 5AQ -  
United Kingdom  
Tel: +44 1 656 776 222  
Fax: +44 1656 776 220  
E-mail: [uk@invacare.com](mailto:uk@invacare.com)  
Sales Order E-mail:  
[ordersuk@invacare.com](mailto:ordersuk@invacare.com)  
[www.invacare.co.uk](http://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](mailto:Ireland@invacare.com)  
[www.invacare.ie](http://www.invacare.ie)

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Invacare **Slings** are part of the Safe Patient Handling range.



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