



**rea**

Confidence in posture solutions

**rea**

# Accessories brochure

**INVACARE**  
Yes, you can.

The *Invacare® Rea®* Passive range consists of the *Rea Azalea®*, *Rea Clematis®* and *Rea Dahlia®*. Each chair is compatible with a wide variety of accessories to give optimal fit and improved comfort. With better support, people will be able to participate in a variety of everyday activities.

In this catalogue, you will find a reference letter to indicate which accessory can be attached to which Rea chair:

A = **Azalea**

C = **Clematis**

D = **Dahlia**

## Backrests



### Laguna backrest plate

Stable and height adjustable backrest. **(C)**



### Flex 3 backrest plate

Provides firm and stable support in combination with the backrest cushions. The plate is height and width adjustable. **(A) (D)**



### Flex 3 tension adjustable backrest

The backrest can be tailored to fit more complex spine shapes. Both width and height adjustable it can be fitted with the padded backrest cover or choice of cushion. **(A) (D)**



### Cover for tension backrest

The **Cover** for use with Flex3 tension adjustable backrest is designed to follow the contours of the tension straps to provide support and comfort. **(A) (D)**



### Cushion Laguna

The **Laguna** backrest cushion offers moderate lateral support and provides a high and stable shape. **(A) (C) (D)**



### Cushion Mistral 2

The **Mistral 2** backrest cushion with its deep, reinforced wings and a lower and shaped upper part offers a distinct waist support and assists shoulder movement. **(A) (D)**



### Cushion Passad 2

With its high shoulder support, the **Passad 2** offers support for people with diminished posture. The shoulder wings are reinforced. **(A) (D)**

## Backrests



### Cushion Shoulder High 05

The **Shoulder High** backrest cushion is the same as **Passad 2** but 100 mm higher, designed for taller people. **(A) (D)**



### Cushion Vicair Multifunctional

A backrest cushion that conforms to the shape of the person for an individual fit. **(A) (D)**

### Easy backrest guide

	Laguna backrest	Backrest plate	Backrest tension adjustable
Cover Lateral			A + D
Laguna	C	A + D	A + D
Mistral 2		A + D	A + D
Passad 2		A + D	A + D
Shoulder High		A + D	A + D
Vicair		A + D	A + D

A	Azalea
C	Clematis
D	Dahlia



### Invacare® Matrix® Elite

Positioning backrest with an aluminum shell and 80 mm contour depth, hip with scapular cutouts. Adjustable depth, height, angle, and rotation. **(A) (D)**



### Invacare® Matrix® Elite Deep

Positioning backrest with an aluminum shell and 150 mm contour depth, hip and scapular cutouts. Adjustable depth, height, angle, and rotation. **(A) (D)**



### Invacare® Matrix® Elite TR

Positioning backrest with thick upholstery based on an aluminum shell and contoured depth, hip and scapular cutouts. Adjustable in height, angle and rotation. **(A) (D)**



### Wider backrest pivot joint

+50mm width extension of the backrest pivot brackets allows a larger backrest to be mounted to a smaller chassis. Only possible on the 390 & 440mm Small & Medium chassis sizes. **(D)**

## Push handles



### Push handles connected with headrest attachment

Height adjustable push handles with receiver for various head and neckrests. Fits in combination with Invacare® Matrix® headrests. **(A) (D)**



### Push handles divided

Height adjustable individual handles. **(C) (D)**



### Angle adjustable push bar

Can be lifted up or down to suit the assistants' needs. Easy to adjust with two buttons. **(A) (C) (D)**

## Seat tilt and backrest regulation



### Seat tilt - assistant

All Rea® Passive wheelchairs have a tilt with weight shifting abilities. (*Clematis* to a minor extent) resulting in added stability. *Clematis* 20°, *Azalea* 25°, *Dahlia* 30° and 45°. (A) (C) (D)



### Backrest recline - assistant

All Rea Passive wheelchairs have a 30° recline with a high pivot point to minimise shear. (Image shows the 30° recline combined with tilt on *Dahlia* 45). (A) (C) (D)



### User operated tilt

Self tilt allows a person the ability to independently place themselves into 10 degrees of tilt at times of rest or fatigue. Armrest is width and height adjustable. (D30)

## Power tilt and recline



**Azalea Max**



**Azalea**



**Dahlia 30**



**Dahlia 45**

Available on *Azalea*, *Azalea Max*, *Dahlia 30* and *Dahlia 45*

The electric control allows the assistant and/or client to safely tilt and recline the chair by remote control. This eliminates the need to manually tilt and recline the chair. (A) (D)

## Seat and cushions



### Floshape

High density foam cushion that allows greater pressure re-distribution and is suitable for 'at risk' clients. Cover available in Dartex, Plush or Spacer material. (A) (C) (D)



### Incontinence cover

Washable Dartex covers. (A) (D)



### Cushion Vicair Multifunctional

Seat cushion conforms to the shape of the person for a personalised fit. (A) (D)

## Legrests and footrests



### Angle adjustable legrest with adjustable footrests

The high pivot point gives leg-length compensation when angling the legrest.

(A) (C) (D)



### Fixed 80° legrest

Fixed or adjustable footplates as an option. Easy swing in and swing out function by releasing the locking mechanism on the handle. (A) (D)



### Fixed 90° legrest

Brings the feet closer to the body. Only possible with small castors.

(A) (D)



### Central legrest

The legrest is adjustable in height, depth and angle and also offers compact support for the legs. The central legrest helps bring and keep the legs together. (A) (D)



### Legrest for amputee

For perfect support, this legrest is adjustable in height, angle, and depth. It offers a stable support and has a swing-away function. (A) (C) (D)



### Plaster legrests

Fixed 90° angle with adjustable calf pads and footplate. (A) (D)



### Legrest attachment

There is a standard version (top) and a 50 mm higher version (bottom). The higher version is used for positioning the legrest for long legs in combination with angle adjustable legrests. For shorter legs in combination with fixed legrests.



### One-piece footplate

Folds upwards and can also be removed. It is angle and depth adjustable and fits all legrests. (A) (D)



### Foldable footplate

For improved stability, the upward and downward position has a 'semi-lock'. (A) (C) (D)



### Amputee legrest

Add a brace to the calf support for an adjustable amputee legrest. (A)



### Foldable adjustable footplate

Depth and angle adjustable for individual support. (A) (C) (D)



### Footplate extender

The extender provides a larger foot support to fit the adjustable footplate. (A) (C) (D)

## Legrests and footrests



### One-piece footrest pad

The 12mm thick, black plush fabric pad for the one piece footrest offers more comfort for people without shoes. **(A) (D)**



### Footplate pad

12mm thick, individual black plush fabric footplate pads offers more comfort for people without shoes. **(A) (D)**



### Padded calf strap

A soft, adjustable calf strap that can replace the calf pad on the angle adjustable legrest or be used to complement the fixed legrest. **(A) (D)**

## Armrests



### Dahlia 30 & 45

Adjustable in height and the side guard is adjustable in depth. **(D)**



### Azalea and Clematis

Armrest with a straight armrest pole, available in a 50 mm higher version. **(A) (C)**



### Ducktail armrest pad

Stable armrest with shaped pad. The rear is higher and wider for increased support in tilted position. **(A) (C) (D)**



### Wide armrest pad

Stable armrest with wide and soft pad. Offers a wider contact area for the arm. **(A) (D)**



### Black PVC moulded armrest pad

Narrow armrest pads for closer access to the rear wheels for self propelling. **(D)**



### Additional padding

Designed for straight armrest pads for additional comfort. Removable by zipper. **(D)**



### Height adjustable padded armrest

Padded armrest for hip-guidance and offers a closer fitting seat. **(A) (C)**



### Hemiplegic armrests

The shaped soft pad is height and angle adjustable. **(A) (C) (D)**

## Armrests



### Side support cover

Covers the plastic on the side plate. The Dartex in combination with the inside padding makes it softer. **(A) (C)**



### Cushion to side support cover

20 mm thick cushion to reduce seat width. To be attached to the upper part of the side plate, not to interfere with the seat cushion covered by the side support cover. The seat width will be reduced by 20 mm. **(A) (C)**



### Side support pad

Quick and easy to remove from the side support with velcro straps. This pad provides extra comfort with 22mm foam covered with Dartex material. **(A) (D)**

## Seat and backrest options



### Headrest sideways adjustable

The headrest has wings that are adjustable in angle. The attachment of the whole headrest allows adjustment in depth, angle, sideways and height for obtaining individual support.

**(A) (C) (D)**



### Headrest with cheek support

The headrest with cheek support has the same type of attachment as the sideways adjustable headrest, however, its shape is designed to offer the optimum support. Height, depth and angle adjustable.

**(A) (C) (D)**



### Neck rest height adjustable

Shaped to the contour of the head and top of the neck for good support.

**(A) (C) (D)**



### Washable covers

For easier maintenance, covers are available for head and neck rests.

**(A) (C) (D)**



### Alternative head/neckrest mounting bracket

Creates a mounting fixture for 3rd party head or neckrests to the plastic shell of the Flex3 backrest.

**(A) (D)**



### Seat width extension

Small washers can be added to increase seat width. Adds 10+10 mm.

**(C)**



### Pommel cushion

Oval abduction cushion to be placed between the knees.

It has two depth possibilities and is removable.

**(A) (C) (D)**



### Lumbar support cushion

Position behind the backrest cover/cushion to increase and enhance the shape of the backrest.

**(A) (D)**

## Seat and backrest options



### Harness attachment

Fixation points for harnesses, attaches to the headrest. **(A) (D)**



### Seat plate extension

A pair of plates that can be used as an extension of the seat plate to accommodate leg length discrepancies. **(D)**



### Seat plate height extension

Additional plate placed on top of seat plate fixed by velcro to increase the seat height by 20 mm. **(D)**



### Wedges

Positioning device to be used under the seat and/or backrest cushion. **(A) (D)**



### Trunk support

A removable firm trunk support that is width and depth adjustable. Also available for **Azalea Max**. **(A) (C) (D)**



### Trunk support multi adjustment standard arm

With many adjustment options it is easy to shape according to the individual needs of the person. It can be used with all combinations of backrests and backrest cushions. Also available for **Azalea Max**. **(A) (D)**



### Trunk support with swing away

The trunk support has an adjustable arm with levers and can be angled for a precise fit. For transfers it can be folded away. Detachable version available as an option. **(A) (C) (D)**



### Trunk support multi adjustment extended arm

Enables 50 mm higher or lower positioning of the trunk support for taller individuals. **(A) (D)**

## Castor attachment and castors



### Chassis extender

Moves the castors 50 mm forward to create extra stability in the wheelbase. **(A)**



### Castor lock

Holds the castor in a fixed aligned position, makes entering and exiting confined spaces easier. **(A)**



### Various castor options

Choose various castors from 4" to 8" with different thicknesses, including pneumatic, soft or solid. **(A) (C) (D)**

## Rearwheel options



### Handrims

Available in aluminium or plastic coated (both standard assortment) and stainless steel, foam coated or black grip (from special assortment). **(A) (D)**



### One arm drive

For people who propel with either left or right hand. **(D)**



### Frost spoke guards

Covers the spokes of the rear wheels to avoid finger entrapment. **(A) (C) (D)**



### Drum brakes for 16", 20", 22" and 24" rear wheels

Drum brakes are recommended to increase security of wheelchair handling for assistants. **(A) (C) (D)**



### Brake lever extension

Extension of the manual brake arm for closer, easier handling. Also available for **Azalea Max**. **(A) (C) (D)**



### Kerb lever

Makes it easier to manoeuvre chairs over kerbs and obstacles. Always mounted on the right hand side of the chair. **(D)**

## Others



### Table tray

Adjustable in depth and easy to remove. **(A) (C) (D)**



### Table tray cushion

Soft 30 mm cushion attached with elastic straps. **(A) (C) (D)**



### Locking for table tray

A spring loaded lock is attached to the receiver.



### Swing away table

The optional table can swing away when transferring in and out of the chair. It is also removable.



**Attachment for belt**

Positioned in front of the armrest. **(D)**



**Attachment for positioning belt**

Use as a complement to the standard attachment or as an alternative fixation point for belts. **(A)**



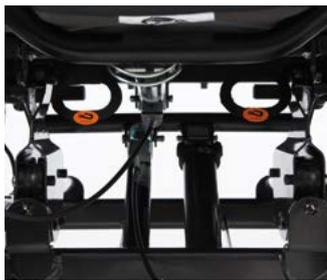
**Pelvic belt**

Secures the person in the wheelchair. **(A) (C) (D)**



**Accessory tray**

This highly adaptable shaped tray can be used for ventilators, bags and other equipment that needs to follow the wheelchair. It doesn't interfere with the tilt or backrest recline. **(D)**



**Transport brackets**

Rear fixation is placed under the seat. The brackets at the front are an extension of the armrest attachment. **(D)**



**Reflector kit**

Reflects light in the dark to increase the visibility of the wheelchair. **(A) (C) (D)**



**Tilt scale**

To read the angle of the seat and back relative to the ground. **(A) (D)**



**Footbox**

Provides comfort and protection for the lower legs and feet. Angle adjustable with Dartex covered padding.



**Privacy attachment**

Dartex material, attaches with hook and loop. Conveniently covers the gap between the backrest and the seat board.



**Alber e-fix®**

Converts the manual wheelchair into a very lightweight and small power-wheelchair.

**(A) (C) (D)**



**Alber e-motion**

Push-rim activated power assist combines active mobility with therapeutic benefits.

**(A) (C) (D)**



**Alber viamobil V25**

Relieves the attendant and takes over the hard work of pushing and braking the wheelchair.

**(A) (C) (D)**



**Alber V12 Viaplus**

Simple and cost effective attendant controlled push and brake aid.

**(A) (C)**

<b>Invacare® Rea® Wheelchair</b>	<b>e-fix E35</b>	<b>e-fix E36</b>	<b>e-motion M15</b>	<b>viamobil V25</b>	<b>V12 Viaplus</b>
<i>Rea Azalea</i>	Yes	Yes	Yes	Yes	Yes
<i>Rea Azalea Base</i>	Yes	Yes	Yes	Yes	No
<i>Rea Azalea Tall</i>	Yes	Yes	No	Yes	No
<i>Rea Azalea Max</i>	Yes	Yes	Yes	Yes	No
<i>Rea Azalea Minor</i>	Yes	Yes	Yes	No	No
<i>Rea Clematis</i>	Yes	Yes	Yes	Yes	Yes
<i>Rea Dahlia</i>	Yes	Yes	Yes	Yes	No

Please note, there may be limitations in wheel sizes, seat heights etc. depending on the configuration of the chair.

## Dual Stability System (DSS®)

Passive/Tilt-in-space wheelchair clients are heavily dependent on their wheelchair and require a great deal of assistance from attendants. An average person will spend the majority of their day in the chair and so a tilt and recline function is key to redistribute pressure.

On standard tilt-in-space chairs, the pivot points on the chair are not aligned and there is also the concern of stability when the chair is tilted.



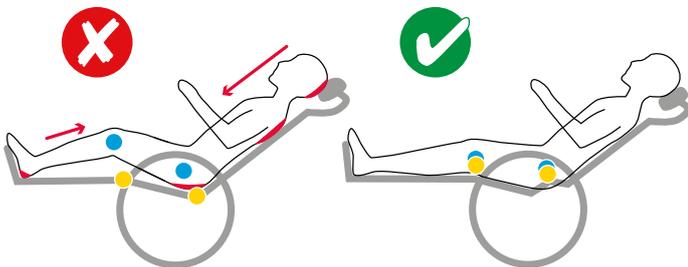
### Chair and patient pivot points not aligned

- Results in a non-synchronised movement
- When the chair reclines, the headrest and back support move up, forcing them to slide down the chair to compensate
- This leads to shear and friction forces
- When lifting the legrests, the non-synchronised movement of the pivot points results in the knees being lifted, forcing the person towards the backrest, causing compression

### Stability

- Going into and out of tilt can leave the person feeling anxious and unsafe
- Due to no weight shifting abilities
- Causes a high raise in the front of the chair

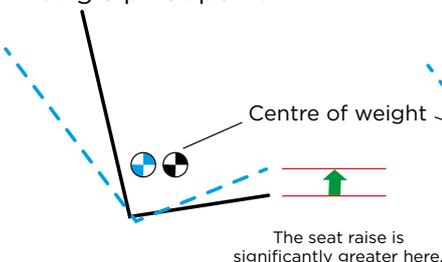
To eliminate these risks and concerns, the Invacare® Rea® Passive wheelchair range has DSS built into each chair to improve stability and ensure an anatomically correct sitting position every time the chair goes into and out of tilt and recline. The sophisticated system has been a part of the Rea passive wheelchairs since the early 1990's and comprises of high pivot points and weight shifting abilities.



The high pivot point designed for the Rea chairs allows for body length compensation and so reduces shear, friction and compression. When the chair goes into and out of tilt and recline, the head, neck and trunk of the person will remain in the same position on the headrest and backrest, eliminating any sliding or movement.

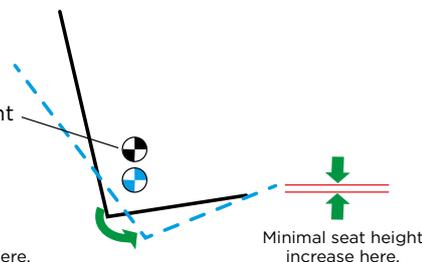
Weight shifting has been built into the Rea chairs to ensure the wheelchair is stable no matter which seat angle the chair is at. In basic terms, it allows the seat to move downwards and forwards which enables it to retain its stability, despite the backwards leaning position. The seat simply slides towards the chassis.

Without weight shift /  
single pivot point



The seat raise is significantly greater here.

With weight shift



Minimal seat height increase here.



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To view our short video on DSS, please visit the 'Invacare UK' YouTube channel or simply scan here.

