

Seating

Standing

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Therapy

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# Atom by Jenx

Modern, child-centred styling, combined with a comprehensive range of support options make Atom the ideal seating system to develop correct seating posture and function. Suitable for children from approx. 6 months - 5 years



Always Supportive...

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Modern, child-centred styling, combined with a comprehensive range of support options make Atom the ideal seating system to develop correct seating posture and function.

Wipe clean covers as standard mean any messy play or other soiling can be easily cleaned; antimicrobial agents in the covers provide additional peace of mind when Atom is placed in a multi-user environment.

Recognising that children grow and develop at the quickest rate in their infant years, all support structures are tool free and easily adjusted, added or removed. This ensures each child is getting the correct support at any given time and can accommodate changes in their postural needs.

## INNOVATIVE FEATURE

### Shoulder Protractors

Width and height adjustable  
**Shoulder Protractors** encourage correct shoulder and arm positioning to help promote a functional hand position for play.

## INNOVATIVE FEATURE

### Flexible Thoracic Support Pads

Available in a range of sizes, these slimline and super flexible support pads are designed to mimic the feeling of being held. All come mounted on a high-rise flip-away bracket which is easily adjusted to aid transfers.

## INNOVATIVE FEATURE

### Memory Foam Ischial Well

Designed to nestle the pelvis, the memory foam not only provides comfort and pressure distribution, but also stability to promote correct pelvic alignment.

## INNOVATIVE FEATURE

### Flip-up Angle Adjustable Footplate

To accommodate or encourage dorsi or plantar flexion. Adjusts quickly and simply with the turn of a dial, flips up for safe and easy transfers with the footplate held out of the way with a concealed magnet. Easy-fit slots makes attaching **Sandals** and other foot support options a breeze.



**INNOVATIVE  
FEATURE**

**Adjustable Flip-away  
Hip Support Pads**

Included as standard with the Atom seat unit. Adjustable in height, width and angle, ideal for accommodating an abducted seating posture if required.

**INNOVATIVE  
FEATURE**

**Open Sides**

Open sides to the chair ensure adjustments are easily made and allows the user to remain seated with little interruption.

**INNOVATIVE FEATURE**

**Tool Free Adjustments**

No more hunting for the right sized allen key, cleverly designed wing knobs offer a comfortable grip to enable effective clamping with minimal effort – meaning growth adjustments have never been easier.

**INNOVATIVE  
FEATURE**

**Base Options**

Different base options with a variety of fixed or adjustable heights allow the flexibility for each child to enjoy activities from floor level to breakfast bar height.



# Always Supportive

Every position a child adopts has an effect on their development and functional movement now and in the future.

Minimises fatigue and assists activity and functionality



Helps digestion



Encourages bone & muscle development



Assists neutral alignment



Proper support makes it easier for children to join in every day activities



Sitting well helps you breathe more easily



Support of pelvis, thighs & feet forms the foundation of stability



Provides opportunities to increase social skills



A stable base supports, develops and can provide greater independence and interaction with friends and family, resulting in more smiles for everyone!

INNOVATIVE FEATURE

## Multigrip™ Headrest

The original and innovative Jenx **Multigrip™ Headrest** is available in 3 sizes for all Jenx seating systems.

Individual fingers on the **Multigrip™ Headrest** can be adjusted to cushion, support and control almost any head position.

INNOVATIVE FEATURE

## Nursery Tray Padding

Optional **Nursery Tray Half Padding** provides a comfortable resting surface for elbows.

**Nursery Tray Full Padding** is also available, ideal for users who are prone to injure arms on support surfaces.

INNOVATIVE FEATURE

## Fixed Angle Footplate

An effective footplate for when dorsi or plantar flexion is not required, with easy-fit slots which also allow sandals to be positioned further apart to create abduction.



# Always Configurable Accessories

The Atom by Jenx has a wide range of accessories and optional extras meaning it can be highly customised for every child's needs.

## Atom Seat Unit

Suitable for children from approx. 6 months to 5 years, the Atom seat unit provides all the basics for a solid seating foundation, including:

- Padded seat with memory foam Ischial well made from antimicrobial wipe-clean fabric
- Shaped back pad
- Adjustable flip away hip support pads
- Push handle
- Upper back pad



## Y-Base

The most flexible base in the Jenx range, the **Y-Base** offers a height range of 335-755mm alongside tilt-in-space functionality and lockable, swivel castors. Tilt-in-space 30° posterior – 10° anterior. Available in grey, white or black.



## X-Base Black

A compact, robust and cost effective base with high-low and tilt-in-space functionality. With lockable, swivel castors and a height range of 375-545mm. Tilt-in-space 30° - 10° prone.



## X-Base White

The white based version of the X-Base offers a higher height range of 425-625mm, meaning it can now allow children to engage with family members and friends at dining table height with ease. Tilt-in-space 30° - 10° prone.



## Wooden High Base

The grey **Wooden High Base** offers fixed height seating (500mm) which is compact, economical and stylish. It features lockable swivel castors and tilt-in-space 20° posterior.



## Wooden Low Base

The grey **Wooden Low Base** offers fixed height seating (360mm) which is compact, economical and stylish. It features lockable swivel castors and tilt-in-space 20° posterior.



## Multigrip™ Headrest

The original and innovative Jenx **Multigrip™ Headrest** is available in 3 sizes for all Jenx seating systems. All Jenx **Multigrip™ Headrests** have a choice of various highly flexible fixing brackets, all of which give adjustment for height, depth and angle.



## Contoured Headrest

A headrest offering mild mid-line contouring for children who require minimal head support.



## Shoulder Protractors

Comfort style **Shoulder Protractors** encourage a functional mid-line hand position and prevent excessive retraction. Completely flip-away when not required. Independently adjustable for width and angle.



## Lumbar Pad

Simply attach into place by hook and loop fastener to give additional lumbar support.



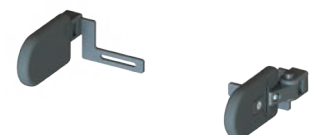
## Back Pad Infill

A 50mm **Back Pad Infill** reduces the seat depth for smaller children. Simply attach by hook and loop fastener behind the standard 25mm back pad - easily removed when no longer needed.



## High-rise Thoracic Support Pads

These short, slim trunk support pads are made from hygienic PU. There is a single-handed, push button, flip-away action on all supports and they are independently adjustable for height and width. Can be offset to brace a Scoliosis or accommodate other skeletal deformities.



## High-rise Flexible Thoracic Support Pads

Available in a range of sizes (short/standard/long), these slimline and super flexible support pads (with straps) are designed to provide outstanding positioning with comfort in mind. All sizes feature single handed flip-away action and are independently adjustable for height and width to ensure maximum trunk control.



## Armrests

Available in grey or white and provided as a pair, the **Armrests** are independently adjustable for height and angle. Clear markings make it easy to set the **Armrests** at the correct height.



**Armrests** are required for using a **Nursery Tray**.

## Armrest Covers

Provide a soft top for the **Armrests** for when the **Nursery Tray** option is not required. Easily removed for when **Nursery Tray** is required.



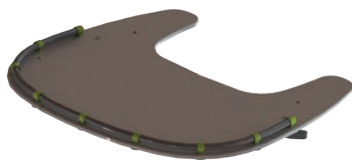
## Waistcoat Harness

Provides additional trunk support to children with low tone. An innovative zip system allows for easy-access to gastrostomy feed tubes, including a wipe-clean outer surface fabric.



## Nursery Tray

A useful surface for work, feeding or play, made from antimicrobial plastic providing a hygienic and easy to clean surface. Contrasting tray edging gives a definitive boundary particularly useful for children with visual impairments and is also raised to allow toys or other items to be securely fastened in place. Can be used with **Reduced Cut-out Tray Infill** for smaller children.



NB: Suction toys, anchors or grab bars will not work with this tray – to use these items with the Atom please see **Tray Overlay** or **Reduced Cut-out Tray Infill**.

## Tray Overlay

Designed to work with the **Nursery Tray**, the **Tray Overlay** provides the perfect surface for use with suction toys, anchors or grab bars.



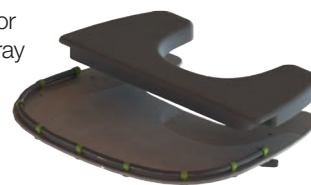
## Reduced Cut-out Tray Infill

Designed to work with the **Nursery Tray** to reduce the aperture for smaller children. Perfect surface for use with suction toys, anchors or grab bars. Prevents even the slimmest of arms from falling into gaps.



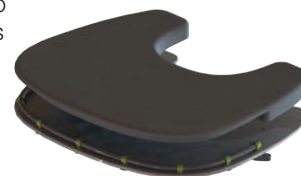
## Nursery Tray Half Padding

Great for providing a comfortable resting surface for elbows, padding half of the tray closest to the user.



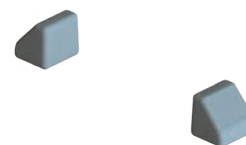
## Nursery Tray Full Padding

Provides total surface padding for the tray, ideal for users who are prone to injuring their arms on support surfaces.



## Tray Elbow Blocks

Used to encourage arms into a midline position and/or to block excessive retraction.



## Activity Frame

Great for encouraging head control and hand/eye co-ordination. Easy to attach and adjust. Comes with two clips for attaching toys or other items.



NB: **Nursery Tray** required for use.

## Grab Bar

Perfect for children who need to fix one hand to increase functionality.

NB: **Nursery Tray** required for use.



## 3 Point Lap Strap

A lap strap with the additional safety of a groin harness. Ideal for smaller users.



## 4 Point Lap Strap

Provides additional pelvic control by allowing a more tailored position. Use in conjunction with the **Lumbar Pad** to ensure an anterior tilt on the pelvis.



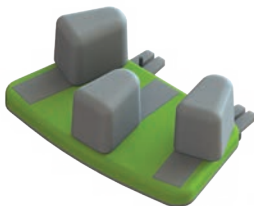
## Abduction Block

Available in 2 sizes, the **Abduction Block** is ideal for creating separation between the knees to prevent adduction.



## Long-leg Sitting Board

Easily attached and removed with just 2 wing knobs, the **Long-leg Sitting Board** can be used permanently or intermittently for very young children or those needing hamstring stretch. Adjustable support blocks attach by hook and loop fastener. All other settings remain unchanged making the change from regular to long-leg sitting quick and easy.



Colour options available.

## Leg Control Pads

Perfect for controlling leg positioning. Each leg is guttered in a soft, adjustable cup which can be adjusted for width and angle. Ideal for controlling windsweeping or creating an abducted seating position.



## Fixed Angle Footplate

An effective footplate which allows **Sandals** to be positioned further apart for abduction when using the **Leg Control Pads**.



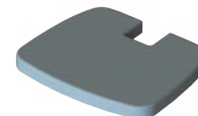
## Flip-up Angle Adjustable Footplate

Effortlessly flips away to aid in transfers. Ideal for where plantar or dorsi flexion accommodation is required.



## Footplate Pad

Attach to the **Flip-up Angle Adjustable Footplate** to give a softer surface for children who don't require more structured foot positioning.



## Sandals

Available in 2 sizes, **Sandals** are ideal for positioning feet where a firmer hold on the foot is required. Jenx **Sandals** are interchangeable across the entire range of Jenx seating and standing products.



## Ankle Snugs

An optional foot accessory to the standard **Sandals**, the **Ankle Snugs** offer a unique magnetic buckle fastening mechanism, which can be operated single-handed.



## Booties

**Booties** provide gentle and comfortable support for tiny feet even without shoes. They are soft and padded with no fiddly straps, press studs or buckles.



## Sandal Raising Blocks

Available for every size of Jenx **Sandals**, the raising block kits give the **Sandals** extra height where needed. Use to accommodate leg length discrepancy or to raise the height of the footplate to maximise the available growth.

NB: One kit needed per individual **Sandal**.



## Washable Covers

Removable and machine washable covers for the seat and back upholstery. These covers give a fabric point of contact on the seat rather than wipe clean vinyl, giving more choice of comfort to the user depending on their climate without removing the convenience of an easy to clean upholstery.



# Atom by Jenx Technical Specifications

**IMPORTANT INFORMATION:** Please be aware, some minimum and maximum measurements are achieved by the use of additional accessory components.

	Measurement	Units	Atom AT01
Age Range	approx.	months - years	6mths - 5yrs
User Weight	max	kg	25
Back Angle	posterior - anterior	degrees	15° - 15°
Back Pad Height from Seat to Top	min - max	mm	270 - 380
Chest Width	min - max	mm	200 - 280
Hip Width	min - max	mm	180 - 270
Seat Depth	min - max	mm	90 - 340
Seat Depth With Long Leg Conversion	min - max	mm	315 - 565
Lower Leg Length with Standard Footplate	min - max	mm	165 - 325
Lower Leg Length with Flip-up Footplate	min - max	mm	115 - 360
Footplate Angle	dorsi - plantar	degrees	5° - 35°
X and Y Base Tilt-In-Space Angle	posterior - anterior	degrees	30° - 10°
Wooden Base Tilt-In-Space Angle High Base and Low Base	posterior	degrees	20°
X Base Footprint	width x length	mm	625 x 625
Y Base Footprint	width x length	mm	660 x 700
Wooden Base Footprint	width x length	mm	500 x 615
X Base Black Seat Height From Floor	min - max	mm	375 - 545
X Base White Seat Height From Floor	min - max	mm	425 - 625
Y Base Seat Height From Floor	min - max	mm	335 - 755
Wooden Base Seat Height From Floor	high base / low base	mm	500 / 360

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