clinical care with style
Providing the best start in life...

Our mission is to enable parents to lead a dynamic, fun and active lifestyle. Gain peace of mind knowing the user’s special needs are cared for with clinical and ergonomic support for the best start in life!

Our mission… your DISCOVERY

Explore
Shuttle Discovery
Look smart outdoors with this ultra-stylish, lightweight stroller

Fun family time
Launcher Base
Choose up or down with this hi-lo feeding and activity base

Learn & Play
Lunar Base
Interact with friends with this adjustable base

Relax & Rest
Moon Rock Base
Stimulation base to put the fun into sitting
One Seat - Many Applications

Our philosophy is to care for the user right throughout the day within one seat, that’s why the Discovery Seat can be interfaced into any of the 4 bases saving on resources and the need to purchase additional equipment.

Discovery Seat allows the therapist to optimise the postural care from a young age and helps to address and prevent clinically challenging issues before they become a problem.

Shuttle Discovery is an innovative and versatile postural management seating system that seamlessly adapts to daily activities, so whether that’s a day out with the family, attending school, having fun at Grandma’s or simply just relaxing at home the Shuttle Discovery will make life fun.

Postural Advantages

- Provides a stable surface to facilitate normal movement patterns which are essential to promote function
- Modular seating accessories provide postural management that is essential to prevent, accommodate or correct skeletal deformities, and normalise tone
- Active combination of the seating functions includes tilt, elevating leg rest and reclining back support. These manage pressure, promote comfort and relaxation, enhance automatic nervous system function, decrease fatigue and promote increased tolerance of the desired posture
- The Shuttle Discovery, with it’s modular accessories and restraints is a premium stroller that promotes stabilisation of the pelvis and trunk, allows the hands and upper extremities to be free, facilitates the manipulation of objects and increases learning opportunities and interaction with the user’s environment

Modular Configuration

Depending on the user’s needs, the seat can be easily configured.

Smooth tilt

Tilt range of 0° to 40°. Unique function which is an integrated part of the seat meaning that regardless of what base you choose, the seating position is maintained as the therapist intended. Mechanism is amalgamated into seat unit meaning there are less moving parts.

Back support recline

Recline can be positioned and locked at any position from 90° to 160°.

Footrest elevation

Functions with true biomechanical movement with pivot located near the knee. Adjustment knob is located at rear of seat to ensure there are no harmful parts between the user and the footrest.

Back support

The height adjustable back support with padded lateral supports provides stability and comfort. Optional sacral pad can be added to the padding to encourage an optimum pelvis position.

Removable covers

All covers are removable and machine washable. Optional wipe down covers are available.
Urban Design

Shuttle Discovery has an attractive style for exploring indoor and outdoor spaces and places.

The Shuttle Discovery is light weight, easy to manoeuvre and fold. The simple mounting system allows the Discovery Seat to be mounted in a forward or a rear facing position.

Benefits

- Sleek urban styling - with four wheels
- Light handling with one seat or two seats installed
- Dual front wheel suspension system with airless front tyres
- Sibling seat accessory: Take one or two kids!
- 6 position adjustable handle height
- Push button handle brake - at your fingertips
- Configurable, compact, auto-lock fold that stands upright
- Certified for transport in vehicle to ISO 7176-19
If you are planning to have another child or already have one, the Shuttle Discovery has a sibling seat accessory available to enable the carer to push two children. Under no circumstances should the second seat be used in a motor vehicle.

**Sibling Seat Benefits**

- Sibling seat installs in-line with the Discovery Seat for functionality
- Seat reclines for a snoozy baby!
- Safety tested to a maximum weight capacity of 15 kg / 33 lb
- All weather protection with Rain cover and UV cover accessories
**Lunar Base**

Kindergarten / Preschool

- Simple height adjustable Lunar Base makes the Discovery Seat perfect for use in school, nursery or at home.
- Small footprint of the Lunar Base allows safer integration within school or nursery environments.
- Low level seating position allows the child to interact with other children and assist with learning.
- Simple design of the base allows Discovery Seat to be used with most school tables, allowing the user to participate in group activities.

**Benefits**

- Height adjustment feature allows the carer to quickly and easily change the height of the Discovery Seat.
- Launcher Base will fit under most dinner tables.
- Discovery Seat height can also be set at the same height as school or lounge furniture allowing the child to be at the same level as the rest of the family or friends.

**Launcher Base**

High & low level seating

- Simple and quick height adjustment
- Lockable casters
- Easy to manoeuvre

**Benefits**

- Unique floor rocker base
- Anti-rocking locking mechanism
- Aesthetically pleasing
- Low floor seating level

**Moon Rock Base**

- Simple height adjustable Lunar Base makes the Discovery Seat perfect for use in school, nursery or at home.
- Small footprint of the Lunar Base allows safer integration within school or nursery environments.
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**Moon Rock Base**

- Moon Rock is perfect for just relaxing. The base can also be used as a secondary base at alternative carer homes.
- Engaging the anti-rocking bar allows the Moon Rock Base to be simply used as a static floor seat.
### Discovery Seat

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seat depth</td>
<td>13-30cm / 5.1-11.8”</td>
</tr>
<tr>
<td>Seat width</td>
<td>13-27cm / 5.1-10.6”</td>
</tr>
<tr>
<td>Lower leg length</td>
<td>14-28cm / 5.5-11”</td>
</tr>
<tr>
<td>Backrest height</td>
<td>45-58cm / 17.7-22.8”</td>
</tr>
<tr>
<td>Shoulder strap height</td>
<td>24-39cm / 9.4-15.4”</td>
</tr>
<tr>
<td>Backrest recline</td>
<td>90°-160°</td>
</tr>
<tr>
<td>Trunk lateral width</td>
<td>12-25cm / 4.7-9.8”</td>
</tr>
<tr>
<td>Seat in space</td>
<td>0°-40°</td>
</tr>
<tr>
<td>Max. load of seat</td>
<td>25kg / 55lb</td>
</tr>
<tr>
<td>Weight</td>
<td>7.5kg / 17lb</td>
</tr>
<tr>
<td>Folded size</td>
<td>L56 x W33 x H14cm / L22 x W13 x H5.5”</td>
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</table>

### Verve Stroller

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
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<tbody>
<tr>
<td>Push handle height</td>
<td>77-109cm / 30.3-42.9”</td>
</tr>
<tr>
<td>Frame width</td>
<td>65cm / 25.6”</td>
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<tr>
<td>Frame length</td>
<td>93cm / 36.6”</td>
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<tr>
<td>Front wheel diameter</td>
<td>23.5cm / 9.3”</td>
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<tr>
<td>Rear wheel diameter</td>
<td>30cm / 11.8”</td>
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<tr>
<td>Folded size</td>
<td>L84 x W65 x H31cm / L33 x W25.6 x H11.2”</td>
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<tr>
<td>Weight (wheels incl.)</td>
<td>12.5kg / 28lb</td>
</tr>
<tr>
<td>Max. load of main seat</td>
<td>25kg / 55lb</td>
</tr>
<tr>
<td>Max. load of sibling seat</td>
<td>15kg / 33lb</td>
</tr>
<tr>
<td>Max. load of Verve</td>
<td>55kg / 121lb</td>
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### Lunar Base

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<tr>
<th>Specification</th>
<th>Measurement</th>
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<tbody>
<tr>
<td>Frame width</td>
<td>43cm / 16.9”</td>
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<tr>
<td>Frame length</td>
<td>63cm / 24.8”</td>
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<tr>
<td>Frame height</td>
<td>17-28cm / 6.7-11”</td>
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<tr>
<td>Seat to floor height</td>
<td>22-32cm / 8.7-12.6”</td>
</tr>
<tr>
<td>Weight</td>
<td>2.5kg / 6lb</td>
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<tr>
<td>Maximum load of seat</td>
<td>25kg / 55lb</td>
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### Launcher Base

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<th>Specification</th>
<th>Measurement</th>
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<tbody>
<tr>
<td>Frame width</td>
<td>61cm / 24”</td>
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<tr>
<td>Frame length</td>
<td>73cm / 28.7”</td>
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<tr>
<td>Frame height</td>
<td>54cm / 21.3”</td>
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<tr>
<td>Seat to floor height</td>
<td>38-68cm / 15-26.8”</td>
</tr>
<tr>
<td>Weight</td>
<td>9.2kg / 20lb</td>
</tr>
<tr>
<td>Maximum load of seat</td>
<td>25kg / 55lb</td>
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### Moon Rock Base

<table>
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<th>Specification</th>
<th>Measurement</th>
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</thead>
<tbody>
<tr>
<td>Frame width</td>
<td>41cm / 16.1”</td>
</tr>
<tr>
<td>Frame length</td>
<td>71cm / 28”</td>
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<tr>
<td>Frame height</td>
<td>27.5cm / 10.8”</td>
</tr>
<tr>
<td>Seat to floor height</td>
<td>34cm / 13.4”</td>
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<tr>
<td>Weight</td>
<td>3.4kg / 7.5lb</td>
</tr>
<tr>
<td>Maximum load of seat</td>
<td>25kg / 55lb</td>
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### Accessories

- **Cushion options**
  - Standard flat & Adjustable modular cushion

- **Trunk supports**
  - Contoured & Tear-drop laterals

- **Hip/Femur control**
  - Hip-guides & Thigh guides, pommel

- **Headrest options**
  - Lateral wings & Occipital headrest

- **Support pads**
  - Shoulder protraction wedges, Trochanter wedges & Sacral pad

- **5 Point Harness with inline shoulder tensioner**

- **5-point harness**
  - Infant & Standard

- **Pelvic straps**
  - 2-point or 4-point

- **Shoulder harnesses**
  - Centrepoint harness

- **Limb stabilisers**
  - Feet straps or Ankle straps

- **Footplate options**
  - Dorsiflex wedge & Padded cover

- **Tray options**
  - 3-way adjustable tray & Grab rail

- **Sun canopy**
  - Seat mount (for forward & rear facing)

- **Weather gear**
  - Rain cover (single/double) & UV cover (single/double)

- **Sibling seat**

- **Footplate can be inverted if required and a different neoprene cover applied**
About Medifab

Our mission is ‘Shaping better lives’.

Medifab make a positive difference to lives of children, parents and therapists around the world, by providing leading edge postural support solutions for a wide range of special needs.

We’re passionate about solution-finding for challenging situations and have worked directly with special needs requirements for over 25 years, helping children to sit, function and develop.

Based in New Zealand, the home of ‘Kiwi Innovation’, we welcome you to join us in ‘Shaping better lives, wherever you are.’