

# The Tomcat

## SCIENCE CHAIR

Has been designed for pupils in mainstream education with wide ranging special needs and it is particularly suited to restricted growth conditions.

Its unique design allows most ambulant and semi-ambulant pupils of 80cm and above to sit independently. Therefore Carer assistance is normally limited to setup, transport and storage only.

Its versatility and interchangeable accessories mean that a pupil can use the same chair from primary school right through to University. Similarly it can be

changed to suit the differing needs of an entirely new pupil.

Non-slip feet ensure it cannot strike out unexpectedly but when moving is necessary, a flick of a lever lifts the chair onto independent castors which enable easy movement between locations. Retractable step and footrest features make the Science Chair easy to store when not in use.

The **Tomcat** Science chair combines excellent postural support with an office style, that is very popular with pupils and its innovative technology has seen the Science Chair earn a prestigious DTI SMART Award for technical innovation.

# Tomcat

### Tomcat Main Features

- Fully independent sitting at high desks, low desks, workbenches and tables.
- Maintains the correct postural position throughout the day.
- Fully upholstered seat and backrest.
- Various Backrest Bracket depths to suit all user heights (80cm upwards).
- Desk heights between 53cm & 91cm.
- Attractive 'Office Style'.
- Little or no 'Manual Handling' for Care Assistants.
- Default fixed feet ensure user safety at all times and prevent 'striking out'.
- Integrated Castor Transport Base for chair transfer or storage.
- Easy 'kneehole' storage.
- Same chair can last an entire school career (with upgrades).
- Laterally Adjustable Arms provide Pelvic support and easy gripping for getting on and off.
- Sidestepper™ Backrest System, allows user to sit 'very close to table' if required.
- Retractable Step with Legs.
- Retractable Footrest and Flip-up Footrests.
- Minimal Office or classroom disruption.
- Designed to work with existing office, classroom furniture.
- Full Customising Service.
- CE Marked, Class I Medical Device.
- Patent Application No. GB 0218522.1

### Award:

The **Tomcat** Chair has won the prestigious DTI 'SMART' Award for its technical innovation.

**Swivel Seat Features**  
Swivels and Deadlocks clockwise or anti-clockwise through 90 degrees as standard (specials to order).

**Medium backrest**  
Height and depth adjustable with special arrangements to order.

**Backrest bracket**  
Three interchangeable shapes to suit all users between 80 and 190cm.  
Tall Medium Short

**Laterally adjustable arms**  
Adjustable arms give pelvic support and easy grip for getting on and off.

**'Gas lift' seat height adjustment (all chairs)**

**Optional step with support legs**  
Fits either side of footrest as shown.  
West East

**Retractable Footrest**  
Always faces Workstation. Can rise and fall with Seat or 'Fixed'  
Max. 42cm Min. 20cm

**Chair for Restricted Growth**

**High backrest**  
Adjustable for height and depth with 'tilt' mechanism as standard or 'Swan Neck' bracket for restricted growth conditions.

**Operating mechanisms (all chairs)**  
Castor lift lever Swivel release Gas lift lever

**Accessory attachment supports (Science and Office Chairs)**  
Features 'Rise and Fall' slides (2) and 'Fixed' slides (2).

**Mobile base (Science and Office Chairs)**  
Carer operated 'lift lever' raises the chair from its fixed feet to allow relocation. Special arrangements available, e.g. castors only or fixed feet only.  
Fixed feet Fixed with castors

**Flip-up footrest**  
Features: Height adjustment flip-up for storage, slope adjustment, anti-slip treads 'Rise and Fall with Seat' and extendible footplate.  
Angle Flip-up Extended

### HOW IT WORKS!

The **Tomcat** Science Chair breaks down the task of sitting into a few easy steps:-

1. The carer sets up the chair in the correct position ready for use.
2. The user stands on the step to gain sitting height (restricted growth).
3. The user sits down using the easy grip arms for support.
4. By releasing the swivel the user turns to face the desk or blackboard.
5. Finally the user places their feet on the footrest and gets comfortable.

Award:  
'New Product  
of the Year'  
finalist –  
Naidex 2004.

