



Established in 1998, Smile Rehab is now one of the UK's leading specialists in the manufacture and supply of mobility, communication and respiratory devices for people with special needs.

We have extensive experience of providing clients with custom built solutions, working regularly with private customers, schools, assessment centres, medical bodies and charities.

All products are supplied with the user in mind. So equipment, be it standard, modified or a one off prototype, will always relate to an individuals lifestyle and is designed to provide motivation, fun and independence.

With our design-to-production manufacturing abilities and approved supplier status, we offer an extensive product range.

This range includes various powered wheelchairs such as the Bobcat and the award winning Smart wheelchair; control and switching devices such as the Genie joystick and Click to Go scanner, as well as other specialist items such as seating systems, harnessing, mounting hardware and electronic control devices.

Our aim is to work with people and provide a service not just based on product availability, but matched to an individuals specific needs.

# The SMILE Platform



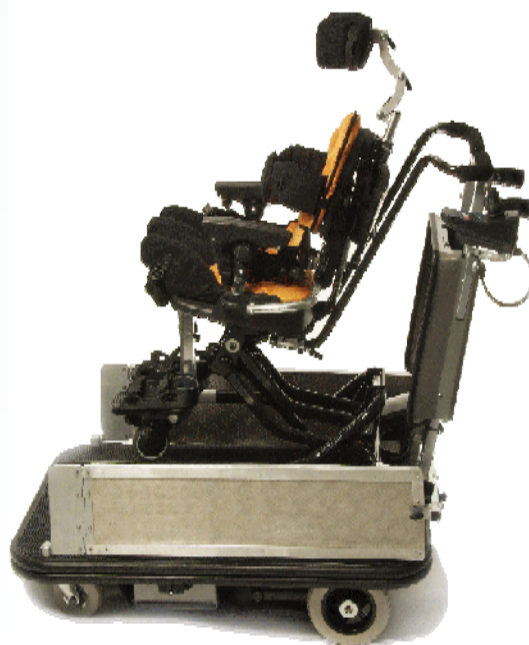
The following illustrates the basic configuration and the standard equipment options available for the Smile Platform.

The options listed below will provide a guide to equipment levels but are by no means exhaustive. Alternative, user specific solutions are always available and these requirements are often established as part of the assessment service we offer. The subsequent equipment proposals we make will therefore, always take account of user objectives and will be both comprehensive and competitive.

Smart controls, line following, ultra sonic anti collision sensors, attendant control, integral ramps for loading/unloading, 50 yds of reflective tape, charger, puncture proof tyres, and tie-down straps

*Assessment kit, including:* Integrated joystick with proportional/switched output and on/off reverse to prevent unwanted driving backwards when excited or startled. 2 No friction arms for mounting joystick etc, including specially adapted mounting bars.

*Optional Extras:* 4 switch start pack, 2 metre lengths of rubber backed tracking, additional 50yd rolls of reflective tape.



## Controls



Based around a Dynamic DX system, the platform is very maneuverable and can be controlled by the user from a single switch or up to 4 switches.

Scanning devices are also easily integrated into the system.

A Penny & Giles based system is also under development which will enable the Smart system to be used with an even wider range of powerchairs.

## Smart-box



The Smart-Box is the intelligence behind the platform capabilities. It acts as the hub of the system and features a comprehensive range of user adjustable controls such as line following, speed, sensors, auditory confirmations and motion controls.

Its modular design also means that the Smart-Box system can be easily fitted to other compatible powerchairs.

## Specifications

<b>Height:</b>	195mm above ground
<b>Width:</b>	620 mm - 775 mm extended width to take wider chairs
<b>Length:</b>	1000 mm including back posts
<b>Maximum load length:</b>	980 mm
<b>Overall length of ramps:</b>	845mm
<b>Speed:</b>	3.2 KPH (2 MPH)
<b>Power:</b>	2 x 30Ah gel batteries