


Product Summary: Flying Start Wheelchair

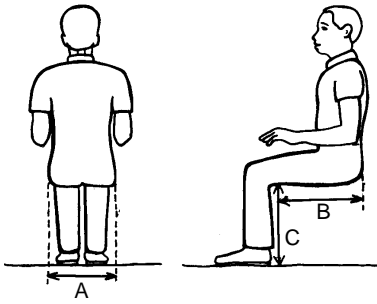
The Motivation Flying Start Wheelchair is an aluminium frame dedicated track and marathon racing wheelchair and is intended to be used for promoting and developing wheelchair sports at national or local club level.

	Motivation Flying Start Wheelchair	
Product Code	WMRC – 02	
Product Description	Dedicated track and road racing wheelchair, with removable footrest and adjustable seating position to suit seated and kneeling athletes	
Manufacture	Merits (China) under licence from Motivation (UK)	
Document Issue	1	
Date of issue	19 July 2018	

Overview

- The Motivation Flying Start Wheelchair is an affordable, entry level dedicated sport style wheelchair designed to be used by individuals or sport clubs, and is ideal for track and marathon racing.
- The wheelchair is available in four different widths: 250 mm (10”), 300 mm (12”), 350 mm (14”), 400 mm (16”).
- Each of the four width sizes of frame, come in a different colour, to allow quick identification of sizes for athletes and coaches, within a club environment.
- It utilises a 20” wheel at the front and a removable anti-tip bar at the rear. The wheelchair is equipped with 700c performance sport rear wheels with grippy, rubber-coated push rims in order to provide good propulsion when racing.
- The wheelchair has been designed so that parts are easy to replace or repair and uses common wheel and bearing sizes.
- The packaging is designed for easy disassembly for recycling or reuse.
- Every wheelchair is supplied with a spare set of front and rear wheel tyres and inner tubes.
- Every wheelchair comes with 3 body straps (Velcro fastening system) to provide a wide range of support options and adjustment. The straps included are: Hip strap, Knee strap, and Foot strap.
- Every wheelchair comes with a maintenance toolkit as standard.
- Spare parts for this product are also available for purchase from Motivation.

Product user group



- The wheelchair can be used by people with a range of mobility disabilities.
- The chair is suitable for users whose body measurements fall within the following ranges:
 - A. Hip width: 250 mm (10") – 400 mm (16")
 - B. Buttock to back of knee: 350 mm (14") – 480 mm (19")¹
 - C. Back of knee height from bottom of feet: 450 mm (16") – 500 mm (20")²
- Maximum user weight: 100kg (220lbs)

Environment

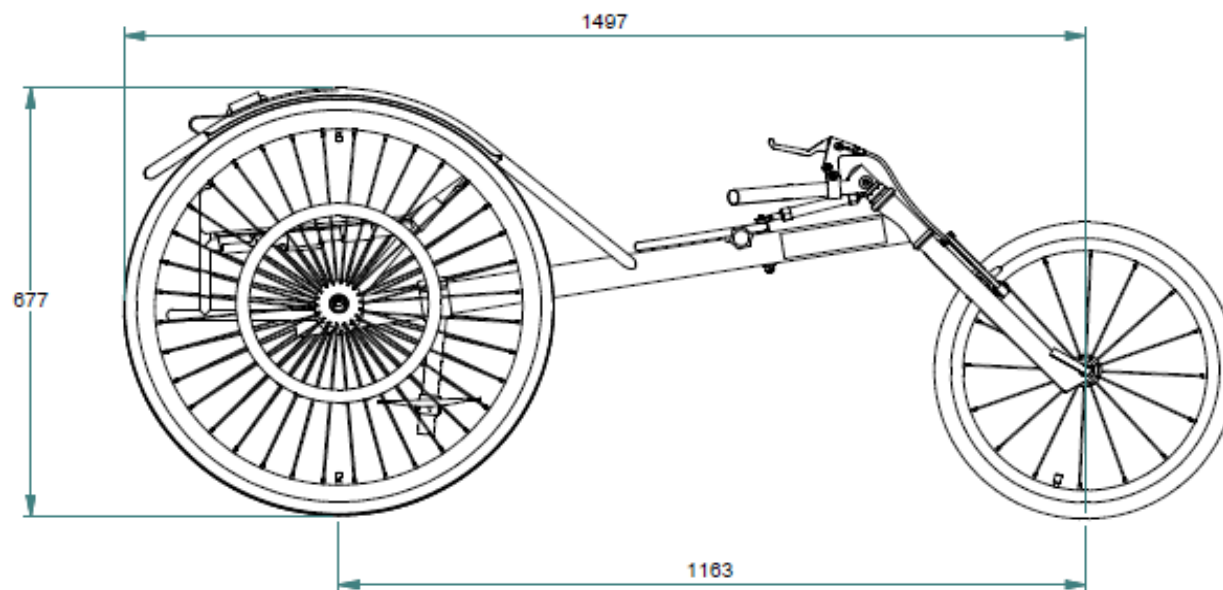
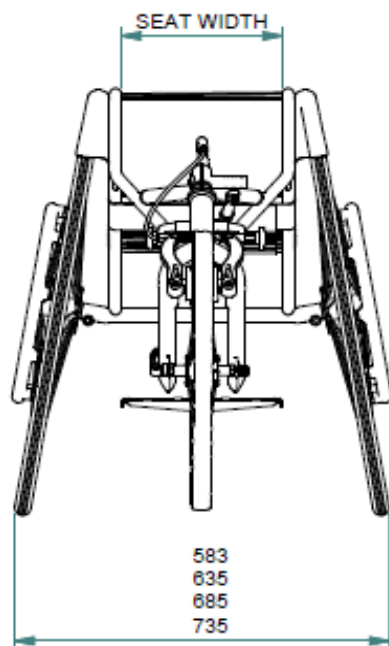
- The wheelchair has good straight-line stability, on both indoor and outdoor tracks and on outdoor roads, due to its steering cylinder adjustment
- The wheelchair is stable and manoeuvrable due to its steering override system and lever brake
- The wheelchair is robust and it withstands the challenges faced by rough sports environments.

Adjustments

Adjustments	
Seat depth	The seat panel must be set according to the user's preference: sitting or kneeling. For sitting position the panel can be set to either 175mm (7") or 250mm (10") depth. For kneeling, the panel is set to 350mm (14") depth. The seat is tension adjustable.
Backrest height	The backrest can be either 150mm (6") or 200mm (8") high. But normally is kept at the 200mm (8") setting. The backrest straps are tension adjustable to allow different backrest contour shapes depending on whether the athlete is kneeling or sitting
Footrest height	The footrest is height adjustable 10 positions, 135mm total height adjustability range, min height 175mm, max height 310mm. Then footrest is also angle adjustable in: 4 angles. The footrest can also be adjustable back and forth, 350mm adjustment range- dimension C in the above diagram.
Anti-tip bar	The anti-tip can be quickly inserted onto the back of the wheelchair with the end close to the ground, but can also be inserted the other way up, and out the way when not needed.
Straps	The Flying Start Wheelchair is provided with a set of straps (foot strap, knee strap, lap strap) that can be used according to individual's needs.



Performance specifications	
Armrests	The wheelchair is supplied with low profile curved armrests.
Backrest	Supportive fabric backrest, with tension adjustable straps, using a Velcro fastening system. Durable and water resistant nylon upholstery.
Box details	Box dimensions: 1610 x 715 x 530mm. Plain brown five ply cardboard with black printed graphics. The packaging is <i>not</i> waterproof.
Front wheel	One front wheel, pneumatic tyre, size 20" x 1.20" Front wheel comes with 1 spare tyre and inner tube
Colour	Each size of wheelchair comes in a different frame colour, to allow quick identification of sizes for athletes, within a club environment. Small: Silver, Medium: Green, Large: Red, X-Large: Blue
Cushion	No cushion is supplied for this product.
Disposal	The WMRC-02 has been designed to be disassembled for re-use or recycling at the end of its serviceable life. If disposal is necessary please contact a local service provider first as they may be able to reuse parts of the wheelchair.
Lifecycle	The product is designed to provide 3 - 5 years of service, during normal use and providing it is appropriately maintained.
Pushrings	20 mm diameter, rubber coated push rims (335 mm wide)
Rear wheels	700c performance rear wheels, with 36 spoke aluminium rims. Robust 36 spoke aluminium hub with two sealed bearings and diameter 12 mm high tensile axles. Product comes with 2 spare tyres and inner tubes
Seat	Slung fabric seat upholstery, with tension adjustable straps (Velcro fastening system). Water resistant nylon upholstery.
Standards	This product is ISO 9001 (2008- 2013) and ISO 13845 (2008- 2013) certified and has the CE mark so meets EU consumer requirements.
Straps	One foot strap, one knee strap and one lap strap are supplied with the chair. All the straps have built-in adjustability with the Velcro fastening system.
Transport / storage	The front wheel can be quickly removed, for product storage and transportation.
Tyres	Pneumatic – high pressure, low profile sport tyres.
Weight	Current net weight of wheelchair approx: 13 kg



CAGE DIMENSIONS	
SEAT WIDTH	MM
S	250
M	300
L	350
XL	400

AVAILABLE IN FOUR CAGE WIDTHS

