

# Midland Handling Equipment Ltd

STRETTON ROAD, GREAT GLEN, LEICESTER. LE8 9GN

Telephone 0116-2593175 Fax 0116-2592820

E-mail [enquiries@mhel.co.uk](mailto:enquiries@mhel.co.uk)



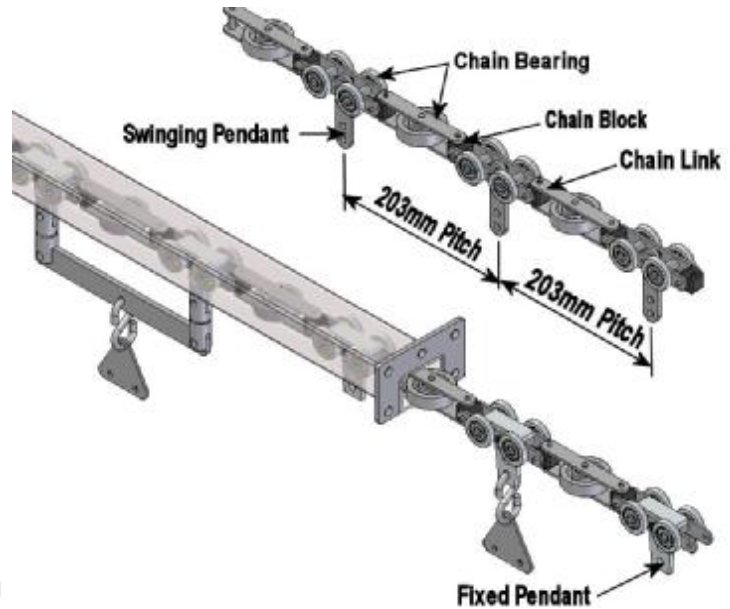
## Trakmaster 203 Data Sheet

### Medium duty

#### Chain

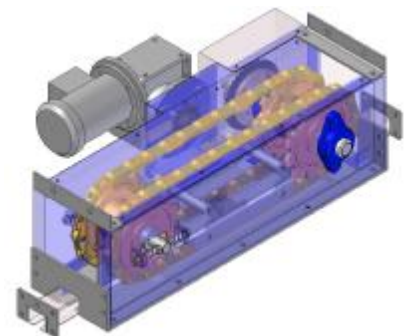
Fully bi-planer with a true pitch of 203mm with a single large dia bearing fitted between the horizontal chain links together with pairs of bearings between the vertical links. Maximum chain breaking stain is 3,000 lbs.

Side links	material grade 50B
Rivets	material EN8M
Cruciforms	sintered iron and copper
Bearings	aces from EN1A case hardened fitted with hardened carbon steel balls – crowded race type.
Pendants	Either standard free swinging on a single pair of wheels ( <b>23kg</b> capacity) or fixed 6mm triangular plate with two pairs of wheels ( <b>35kg</b> capacity).



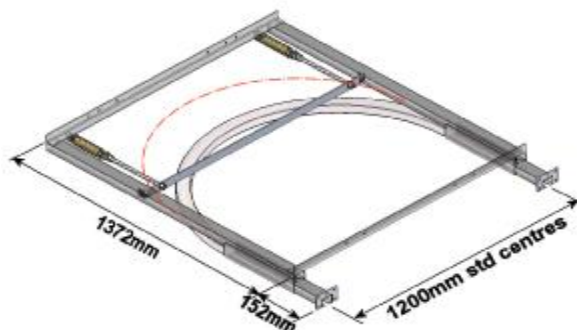
#### Track

Comprising of a rectangular section 57mm wide x 41mm deep with a 3mm wall thickness. This is rolled in 6m max. lengths with a 19mm wide slot in the bottom face. The sections would be complete with joint plates for easy for bolted assembly. Curves would be rolled and fabricated from standard track section and surface hardened after manufacture to give a long life.



#### Drive Unit

Caterpillar type drive with driving dogs fitted between a pair of twin chains driven by an in-line geared motor and incorporating a torque limiting device for overload protection. An inverter variable speed (5:1 ratio) or thyristor (10:1 ratio) is available.



#### Tension Unit

A spring loaded tension device would be fitted to ensure correct chain tension and to compensate for variances within the system.

#### Inspection

This would be incorporated in a readily accessible position in the circuit for inspection and preventative maintenance.

#### Support Structure

The conveyor would be either floor supported using square hollow section forming a rigid structure and incorporating base plates, or roof supported utilising track hanger clamps connected to tubular suspensions. Please see specification for specific proposals.

#### Finish

Track finish Galvanised, steelwork finished mid blue paint, machined parts self colour.

