Suitable for a wide range of applications and processes, the Sidetrack 60 complements our extensive range of Sidetrack conveyors.

**Features**

Designed for light/medium duty applications providing a carrying capacity of up to 60kg per pendant with a 4mm wall track section for span loading.

Side slot ensures a virtual elimination of product contamination from the conveying elements.

Modular construction utilising many common components within the Sidetrack range enabling easy installation and future alterations and extensions.

Suitable for operation through areas up to 250 deg. C makes it an ideal choice for all uses including transportation, process and paint finishing applications.

Fully enclosed track ensures a safe and quiet operation.

As with the full Sidetrack range, the modules are designed for easy installation at high level ensuring optimum free floor space for other operations.
Sidetrack 60 - technical specification

Drive

Comprising a caterpillar type drive renowned for smooth surge free power transmission. The unit would be driven by a helical worm drive geared motor unit incorporating a morse friction clutch unit for overload protection of the chain components.

Chain

Incorporating medium duty pendants at 229mm pitch, the sturdy fully bi-planer chain includes articulating joints with cold rolled steel side plates. Double 48mm diameter wheels are incorporated vertically and horizontally and are fitted with twin steel cage ball bearings for optimum efficiency and trackability.

Sidetrack 60

Rolled from high quality galvanised steel to form a 60mm nominal square section with 4mm wall thickness with a 20mm slot. The bolted clamp connectors and hanger clamps facilitate easy installation (including cut down sections).
Sidetrack 60 - technical specification cont.

Bend Sections

Bends (vertical and horizontal) have a standard radius of 610mm. Bends are available in 15, 30, 45, 60 and 90 degree segments complete with 150mm long connecting lead-ins.

Inspection Section

This would be incorporated in a readily accessible position within the system for easy inspection and carrying out preventative maintenance.

Tension Unit

All chain circuits require the means to set and maintain the correct working tension. To facilitate this, the tension unit comprises a 180 degree bend available with differing track centres to suit the system mounted below a frame with twin springs and lock-off facilities. It is recommended that the unit is incorporated following the drive unit. For extra wide applications linear tension units are utilised.

Lubricator

For long chain life, particularly when operating in high temperatures, lubrication is essential. The lubricator is a pneumatically powered unit which allows pulses of lubricant onto essential components. The unit includes a separate solenoid valve with silencer and regulator. Essential unit piping and connections would be pre-assembled and tested in our works.

Lubricator details

 Requires compressed filtered air at 4 – 5 Bar.
 Size of actuating valve inlet is 1/8” BSP/8mm dia tube.
 Reservoir capacity – 3.5 litres.
Sidetrack 60
Technical Data

Chainpull. Maximum allowable through the drive is 455kg.

Support data

<table>
<thead>
<tr>
<th>Support Pitch</th>
<th>Load per metre based upon uniform weight distribution</th>
<th>Max. point load central to support span (hung on 1 or 2 pendants)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3500mm</td>
<td>48.5 kg / mtr</td>
<td>72.75 kg</td>
</tr>
<tr>
<td>3250mm</td>
<td>56.5 kg / mtr</td>
<td>84.75 kg</td>
</tr>
<tr>
<td>3000mm</td>
<td>68.0 kg / mtr</td>
<td>102.00 kg</td>
</tr>
<tr>
<td>2750mm</td>
<td>84.0 kg / mtr</td>
<td>120.00 kg</td>
</tr>
<tr>
<td>2500mm</td>
<td>107.0 kg / mtr</td>
<td>120.00 kg</td>
</tr>
</tbody>
</table>

* The above information is calculated from BS 5950: Part 1 : 1990 Section Two for horizontal deflection, based upon the Span / 500.

Module data
Sidetrack 60
Technical Data

**Track clamps**

**Inspection section (plan)**

**Lubricator**
Sidetrack 60

Technical Data

Bend detail

Slot off-set and wider to facilitate pendant clearance

15, 30, 45, 60, 90 deg

150mm lead in

Product Data

Overhead

ST60 006

Std radius tension

support crs as track crs