Intelligent Multi-Use Track System
Sly is a young, innovative and growing company focused on producing high quality machines and components for modern agriculture.

We have a great focus on sustainability and innovation.

Preserving soil, the world’s most important resource, plays a key role in all our designs and concepts.

We are a family company with family values and a high focus on design engineering and modern manufacturing techniques.

We have bases in both France and the UK and a worldwide network to service our customer’s needs.
There is always a big debate over whether tracks justify their cost versus pneumatic tyres. Results from our extensive field trials and results have shown us that tracks can offer a very attractive return on investment. Through increases & improvements in operator efficiency, soil structure and reduced coil compaction there is a clear yield advantage to using tracks over tyres.

### Why Tracks?

1. **Curvature of tyres**
   - Tracks ★★★★★
   - Tyres ★★

2. **Tracks keep compaction shallow so you can repair it if you need to!**
   - Tracks ★★★★★
   - Tyres ★★

   Studies have shown that in the case of combine harvesters, the compaction following a rubber track is in the top 150-170mm of soil profile, however in tyres this can be up to 600mm deep. As intensive cultivations are reducing worldwide and cultivation depth is generally reducing, it can mean that damage caused during harvest or transport with tyres is non-repairable and hence permanent long lasting damage can occur. Cultivation depth versus power/fuel consumption is exponential, meaning that the cost of repairing to 600mm is extremely expensive /acre or hectare.

3. **Pulling Force**
   - Wet Tracks ★★★★★
   - Dry Tracks ★★★★★
   - Tyres ★★

4. **Cost**
   - Tracks ★★★★★
   - Tyres ★★★★★

   3 axles, 6 tyres, 6 rims or 2 tracks + 1 axle.

   The investments we have made in manufacturing efficiencies mean we can offer tracks at affordable prices without sacrificing durability.

5. **Durability**
   - Tracks ★★★★★
   - Tyres ★★★★★

   Track technology has improved significantly in the last 10 years. Our IMTS track systems offer exceptional durability, visual serviceability and very low cost per hour.
**Cast swing link with hydro-pneumatic tensioning and easy track alignment adjustment.**

**Main frame pivot point for superior contour following, increased frame life and reduced chassis fatigue.**

**Hydraulic tensioning allowing the use of brakes and power assist.**

**Fore/aft pivoting mid rollers.**

**Optional sideways pivoting roller shafts.**

**Specially developed grease free bushings on all pivot points.**

**Clear view lenses for easy visual oil checks.**

**Endurahubs with fully synthetic oil and 3000 hour service interval.**

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**IMTS 2**

<table>
<thead>
<tr>
<th>SYSTEM NAME</th>
<th>PART #</th>
<th>WEIGHT/SIDE</th>
<th>TRACK LENGTH</th>
<th>TRACK WIDTH</th>
<th>FOOTPRINT</th>
<th>MOUNTING HEIGHT</th>
<th>IDLER DIA</th>
<th>IDLER OPTIONS</th>
<th>BOGEY WHEEL WIDTHS</th>
<th>BOGEY OPTIONS</th>
<th>MOUNTING OPTIONS</th>
<th>REAR AXLE OPTIONS</th>
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<tbody>
<tr>
<td>IMTS-2WT-1100</td>
<td>050-501</td>
<td>2.0T</td>
<td>7.2M</td>
<td>900/762mm</td>
<td>1.6/1.4M</td>
<td>765mm</td>
<td>1100mm</td>
<td>-</td>
<td>210/290mm</td>
<td>Pivoting/Rigid</td>
<td>Stub (048-503) / Stub 060-101 / SolidBar (039-557)</td>
<td>Oil Filled 10 Bolt Hubs</td>
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<tr>
<td>IMTS-2WB-1100</td>
<td>061-501</td>
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<td>1.6/1.4M</td>
<td>765mm</td>
<td>1100mm</td>
<td>Weld Beads</td>
<td>210/290mm</td>
<td>Pivoting/Rigid</td>
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<td>Monroc 406x180 Brakes</td>
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<td>1.6/1.4M</td>
<td>765mm</td>
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<td>Rubberised</td>
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<td>BB5/BB6</td>
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<td>2.0T</td>
<td>7.2M</td>
<td>900/762mm</td>
<td>1.6/1.4M</td>
<td>690mm</td>
<td>950mm</td>
<td>-</td>
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**Sly IMTS 2**

- Rolling Resistance: Large diameter wheels + hydro-pneumatic tension.
- Maintenance: Oil filled hubs with clear view lenses, no grease points.
- Flexibility/Design: Unbraked, Braked, Power Assist.
- It is an Endurance group 4t-6t version of a thin surface, compression moulded guide blade, under de-laminating from tracks, (i.e., Hauck, Hauck contact area and high edge contact area) in high water (see below).
- Stability: Wide stagger and dual sections keep track wheels close and maintain tracker parts, as movement of the blade should not be easy after the first season.

- Main frame pivot for superior contour following, reduced frame life and reduced chassis fatigue.

- Clear view lens for easy visual oil checks.
- Endurahubs with fully synthetic oil and 3000 hour service interval.
- Oil filled 10 Bolt Hubs

- Formed wheels catch dirt and hold water causing rust and paint degradation very quickly. No options for wheel scrapers/ejectors.

- Square load shape and square tapered bars can give higher disturbance to the soil, less compression (individual chamber, double layered) (i.e., Hauck contact area and high edge contact area) in high water (see below).

- Special developed grease free bushing on all pivot points.

<table>
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<tr>
<th>Load Capacity</th>
<th>35000KG or 77000LBS</th>
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</table>

**Competitor**

- Small wheel and spring tension.
- No Oil Filled
- Only Unbraked

- Square load shape and square tapered bars can give higher disturbance to the soil, less compression (individual chamber, double layered) (i.e., Hauck contact area and high edge contact area) in high water (see below).

- Formed wheels catch dirt and hold water causing rust and paint degradation very quickly. No options for wheel scrapers/ejectors.

- Special developed grease free bushing on all pivot points.
**IMTS 4**

Max gross weight is 60,000 KG

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<thead>
<tr>
<th>Part #</th>
<th>System Name</th>
<th>Weight/Side</th>
<th>Track Length</th>
<th>Track Width</th>
<th>Footprint</th>
<th>Mounting Height</th>
<th>Idler Dia</th>
<th>Idler Options</th>
<th>Bogey Wheel Options</th>
<th>Rear Axle Options</th>
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<tbody>
<tr>
<td>IMTS-4WT-950</td>
<td></td>
<td>2.3T</td>
<td>8.4M</td>
<td>900/762mm</td>
<td>2.4/2.0M</td>
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<td>IMTS-4WP-950</td>
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<td>8.8M</td>
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<td>2.4/2.0M</td>
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**Sly IMTS 4**

- Rolling Resistance: Large diameter wheels + hydro-pneumatic tension.
- Maintenance: Oil filled hubs with clear view lenses, no grease points.
- Mud protectors keep wheels clean and protect paint from erosion/corrosion.
- Cast swing link with hydro-pneumatic tensioning and easy track alignment adjustment.
- Solid 80mm frame for ultimate durability and rigidity.

**Competitor**

- Small idler and spring tension.
- No Oil Filled
- Only unlimited

- Square tread, square side and square edge bars can give higher disturbance to the soil. Less compression (extruded chamber cured) guiding blocks can de-laminate from track carcass. Density of guiding blocks is low per metre of track.
- Formed wheels can catch dirt and hold water causing rust and paint degradation very quickly. No options for wheel scrapers/scraper strips.

★★★★

Sly IMTS 4

- Small idler and spring tension.
- No Oil Filled

- Only unlimited

- Square tread, square side and square edge bars can give higher disturbance to the soil. Less compression (extruded chamber cured) guiding blocks can de-laminate from track carcass. Density of guiding blocks is low per metre of track.
- Formed wheels can catch dirt and hold water causing rust and paint degradation very quickly. No options for wheel scrapers/scraper strips.
1: Wheel sizing options: 950mm and 1100mm

Larger wheel diameters for decreased rolling resistance.

Optional: Rear scrapers
Optional: Mud ejectors

Steel Wheels – Suitable for general use, not recommended for higher weight applications as increased internal track wear can occur.

Rubber Wheels – Suitable for the majority of applications, improved inner track life.

Polyurethane Wheels – For extreme applications where high loading or high hour per year use in more abrasive oils/conditions.

2: Fore/Aft or Dual Oscillating Bogies

3: Mid Rollers: Steel only, Rubber Coated or Polyurethane Coated

Mid Rollers: Steel only, Rubber Coated or Polyurethane Coated

On average we have 40% more guiding surface area which increases track life by up to 25% in hillside applications.

762mm and 900mm width

Curved smooth tread pattern does not disturb the soil.

4: Track Options: 762mm and 900mm width

762mm

900mm

SlyTrack

Competitor
1: **2WT** Unbraked
Oil filled axle with clear view inspection hub cap.

2: **2WB** Braked
460/80 Brakes – 762/900mm track.
406X120 Braked – 900mm track.
Hydraulic or Pneumatic actuators.

3: **2WP** Power Assist or Self Propelled
Black Bruin BB5 hydraulic motor w/integrated drum brakes for lightweight applications.
Black Bruin BB6 hydraulic motor w/integrated drum braked for heavyweight applications.

4: **4WT** Unbraked
Oil filled axle with clear view inspection hub cap.

5: **4WB** Braked
400/80 Brakes – 762/900mm track.
406X120 Braked – 900mm track.
Hydraulic or Pneumatic actuators.

6: **2WP** Power Assist or Self Propelled
Black Bruin BB5 hydraulic motor w/integrated drum brakes for lightweight applications.
Black Bruin BB6 hydraulic motor w/integrated drum braked for heavyweight applications.