IsoTrack

L-Mat

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L-Mat

FEATURES

- It's important to buy mats made of HDPE as there are other materials on the market that won't last and are weaker.
- HDPE will not absorb water or rot.
- HDPE is a very hard, flexible material and these mats will last you for years and years.
- L-Mats are connectable if desired.
- L-Mats have built in hand holes for easy handling.
- The L-Mat is manufactured by Isokon, the largest manufacturer of mats in Europe. They have been making high quality mats for many, many years.

one

PRICING

- New Mats:
  - $240 Each
  - $230 each if buying 10 or more.
  - Special pricing available for orders of 50 mats or more.
- Connectors (1/2 Price when buying mats):
  - 2 way - $5
  - 4 way - $10

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WHY ACCESS TERRAIN SERVICES?

With over 20 years' experience of international sales and rental in temporary access and ground protection our knowledge of this area is second to none.

Our industry know how stretches from product development in a variety of materials though to installation and handling of mats, putting you the customer in the unique position of having a total access solution provider at your service.

HEAVY DUTY TEMPORARY ACCESS AND GROUND PROTECTION MAT

IsoTrack L-Mat man-handable ground protection and temporary access mat provides safe, temporary access, work areas and protection over soft ground conditions and hard surfaces. Two person lift for easy handling and installation. Capable of supporting loads of up to 80 tonnes*, the IsoTrack L-Mat is the new benchmark for performance in the heavy duty man-handable mat industry for providing temporary roadways and work areas.

**Dependent upon ground conditions*

PERFORMANCE PROPERTIES

Size	2410mm x 1200mm
Thickness	12mm (Core) / 20mm (Inc Nub Height)
Surface Area	2.89 m^2
Weight	36 kg
Colour	Standard Black (other colours are available subject to minimum order levels)
Traction	Reversible Traction Surface. One side providing proven performance for vehicular access, the reverse side providing a unique anti-slip surface for pedestrian use.
Material	Made from 100% recycled High Density Polyethylene, that is 100% Recyclable.
Handling	Handhold cut-outs & recesses for ease of handling – two-person lift. No specialist tools or lifting equipment required.
Environment	Chemically inert and no liquid absorption means no leaching of potential contaminants and easy to clean.
Safety	IsoTraction® nub design. Created through extensive testing utilising leading tyre manufacturers process gives significant traction improvements against competitor products in both dry and wet conditions. Hi-visibility reflective marking options available.
Load Capacity	Can take weights of up to 80 tonnes (dependent upon ground conditions)
Fire Rating	UL 94HB
Transport	Standard High Cube Container (40 Foot) – 520 IsoTrack L-Mats Standard Truck – 650 IsoTrack L-Mats
Connection	Variety of Urethane Connectors, enabling the creation of all layouts
Thermal Expansion	Unique elongated connector hole design to allow for linear expansion / shrinkage of mats during extreme temperature changes.
Branding	Customer logo and contact details can be placed upon the IsoTrack L-Mat, subject to minimum order.
Quality Control	All Material Batches are rigorously tested and samples kept for a period of two years to ensure quality of supply.
Warranty	All Materials used our covered by our comprehensive Warranty, standard Terms and Conditions apply.
Installation speed	30 mats per hour (subject to site conditions)

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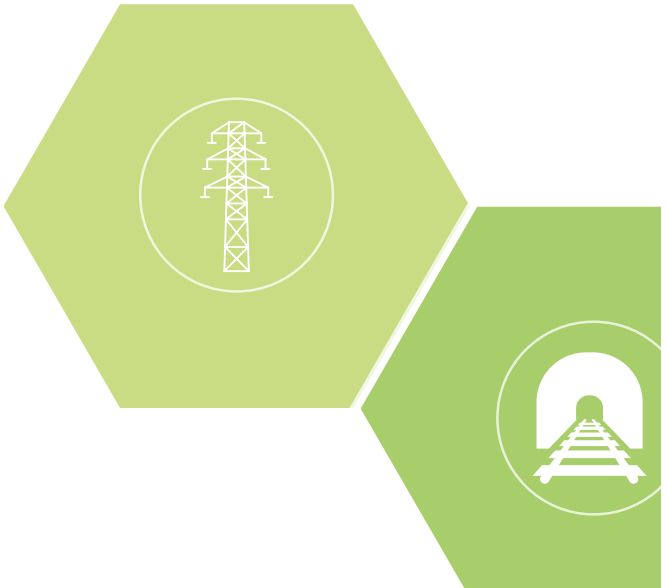
APPLICATIONS/INDUSTRY SECTORS

- Construction, civil engineering and ground work
- Pedestrian walkways
- Emergency access routes
- Temporary roadways and car parks
- Utilities and infrastructure maintenance
- Landscaping and protection of heritage sites
- Eco-sensitive areas
- Golf course and sports field maintenance
- Sports and leisure events
- Rail
- Solar
- Military
- Caravan sites
- Cemeteries
- Wind

FEATURES

- Fast and simple to install
- Capable of taking loads of up to 80 tonnes*
- Unique IsoTraction Nub Design
- Reversible Pedestrian and Vehicle Traction Surfaces providing optimum grip
- Low Transportation and Handling Costs
- Minimise property, heritage and environmental damage
- Supports Health & Safety objectives
- Connection options for differing layouts, ground conditions and equipment



Dependent upon ground conditions

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HEAVY DUTY ACCESS MATS

INCREDIBLY TOUGH AND FLEXIBLE

The IsoTrack L-Mat is made from high quality 100% recycled High Density Polyethylene (HDPE), that is 100% recyclable.

The IsoTrack L-Mat will significantly reduce ground damage, providing a SAFE access surface for vehicles and pedestrian traffic, avoiding the need for expensive reinstatement once your project is complete.

FAST AND EFFICIENT INSTALLATION

Weighing only 36 kg, the IsoTrack L-Mat can be installed by a two-person team. Optimal placement of hand holes and gripping points allow for easy off load and installation of the IsoTrack L-Mat.

ISOTRACTION DESIGN

The IsoTraction nub design was formulated in conjunction with a world leading Civil and Geodetic Engineering Facility. Utilising a leading tyre manufactures traction research we have designed the optimum Traction Surfaces for both Pedestrian and Vehicle Access in even the most challenging of conditions.

Optional Hi-Vis Markings can be incorporated into the IsoTrack L-Mat providing additional safety when utilising at night.

LOGISTICS

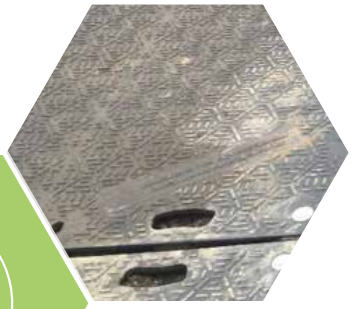
Lighter in weight than other comparable alternatives made in Wood and Steel. The IsoTrack offers the environmental and commercial benefit of more square meterage being loaded. per wagon, thus reducing transportation costs and reducing carbon emissions.

CONNECTION SYSTEMS

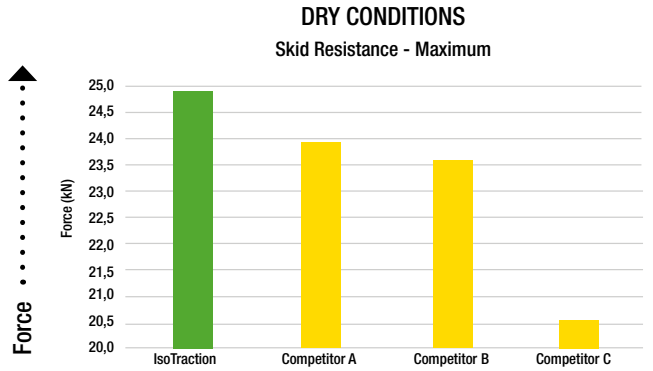
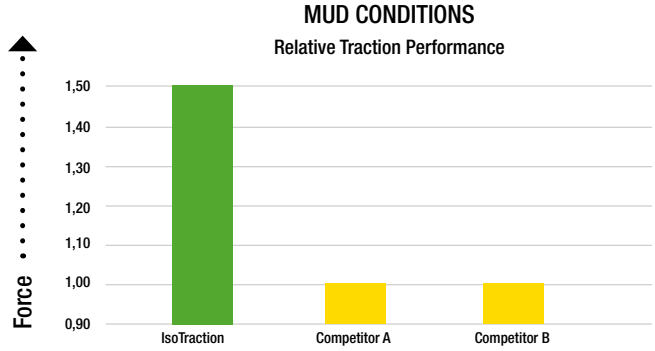
Applications

Standard 2 way / 4 way Urethane Connectors & Bolts

Made from 100% Urethane, 2 and 4 way connectors are inserted from below and attached via M10 bolts. Quick to install but incredibly robust the bolts can be tightened by hand for speed and efficiency on site.



SAFETY AND PERFORMANCE

- IsoTraction® surface design is based on major tyre manufacturers traction research and has been independently tested to demonstrate superior grip for vehicles compared to other mats.
- Prevent vehicles and workers getting bogged down – avoid costs associated with project delays.
- Avoid ground reinstatement costs.
- Cannot puncture and take on water or contaminants.
- Easy to clean after use.
- Testing was undertaken by Ljubljana University to compare the effectiveness of the IsoTraction® nub surface design with the nub surface designs of major mat competitors (solid and cellular core mats)
- A fixed load was applied to a truck tyre (pressure 6,3 bars) with a contact area of 540cm^2
- The force required to move each mat surface sample under the tyre was recorded.
- Testing was carried using dry surfaces and then applying mud to the mat surface samples.
- The IsoTraction® nub design recorded up to 20% better results compared to the competitor nub surface designs in dry conditions and 50% better in wet mud conditions.

Traction testing of ISOTRACK L-Mats