

# Finish every shift safely...



**NIVEK**  
**INDUSTRIES**

## Product Catalogue 2020

Innovative  
safety and efficiency  
solutions for heavy industry



# Tracked Elevating Device

The complete safety solution



## Remote controlled • All-Terrain • Safe • Australian

Remove your maintenance personnel from suspended load hazards by harnessing TED®'s remote control operation. Keep your fitters safe during maintenance operations; particularly in the critical lowering phase of belly plate removal. Having a TED® on your worksite doesn't just safeguard your workers from potentially fatal suspended load crush injuries, it can also have a positive impact on fatigue prevention, reduce muscle strain injuries, and drastically improve efficiency across numerous repair and maintenance applications.

*Component removal and replacement using TED® provides manual handling reduction, benefiting the long term musculoskeletal health of your workforce.*



Specifications	
Length	1374mm
Width	778mm
Height	315-1172mm
Ground Clearance	60mm
Tare Weight	580kg
Safe Working Load	800kg
Ground Speed	Slow 0.7 km/hr Fast 1.1 km/hr
Motor Type	DC 12 Volt, 2Kw
Remote Frequency	32 Channels ranging from 433.000MHZ- 434.550MHZ
Part Number	TED-ASY-000-00

# Don't risk lives and limbs. Use TED® instead.

With the addition of smart attachments, TED® is the fitter's best friend. Remote controlled lifting and lowering of components can protect against personnel being in the line of fire during unplanned moves, lowering the risk of fatal and disabling crush injuries and offering considerable protection against all too common hand strip, pinch and crush injuries.



Table top attachments mount quickly and securely to the turntable with 4 x M12 bolts. The rotating turntable provides ease of movement when lining up components and bolt holes. (Pictured Above)



Changing front attachments can be done in moments; simply pull out the two yellow attachment pins, remove the existing attachment, slide the chosen attachment eyelets into the frame and replace the pins. (Pictured Above)

**All-terrain capabilities make TED® as popular in the field as in the workshop. Checker tracks and a front blade attachment come standard with all TED®s, enabling great results with in-pit repairs and breakdown situations.**



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## The road to safety starts with quality products

Certified, compliant and guaranteed

We understand the compliance needs of mine operators and can provide everything you will need to introduce our products to site. From training, to risk assessments and pre-start checks - we've got it ready to go.



### Site ready

Our products come with 12 month's warranty, meet or exceed Australian standards, and are backed by all the support you would expect from an award winning Australian company.

With over 260 TED®s operating in Australia and around the world, site compliance shouldn't be a problem. Operator's manuals, and maintenance instructions and checklists are all available in hard copy and digital format.

Pre-start books are a fantastic way to save time and ensure your TED® is well cared for. Books of 100 numbered pre-start checks are available to purchase.

Pre-Start Book Part Number: NI-QMS-MAN-0014

### Training

We are happy to provide your training department with the digital resources to train staff. We can also send a trainer to site to train your trainers or whole crews if you prefer. We can deliver training to suit your needs and will work with you to provide a suitable package. Please contact our sales team if you would like to discuss a custom training package.

### Ongoing Maintenance

We have detailed work instructions available for maintenance procedures, along with service check-sheets and a recommended maintenance schedule, enabling you to carry out your own maintenance.

For third party servicing, we can get you in touch with an accredited service agent in your area whom can book your TED® in for regular maintenance. Our service agents can also expedite the supply of spares particularly in remote areas!



**Did you know?**

***We want to see all fitters stay safe on the job!***

***TED®s can be hired from a day up to a lifetime. 'Lease To Own' & 'Hire To Buy' arrangements are available offering Australian businesses extra flexibility.***

## Tracked Elevating Device

The complete safety solution



### Safe Storage

A TED® home not only provides a central location to return TED® for charging, it also provides a safe place to neatly keep all the attachments, preventing them from becoming trip hazards. It is the perfect place to keep operator manuals, troubleshooting info and your pre-start book.

With dedicated tie down and lifting points, move TED®s whole set-up via forklift to the bay where TED® is needed, saving time and battery power.

TED® Home Part Number: TED®-ACC-003-00

### Accessibility at its best

**Take your TED® from site to site or the workshop to pit with our tough, purpose built 'Pit Rescue Trailer' featuring:**

- Spring assisted tailgate/ramp
- Tie down bar for securing TED®
- Stabiliser legs and jockey wheel
- Drainage holes for ease of pressure washing
- 1 tonne cargo net
- Ball or ring hitch
- Road registered or just a VIN
- King rims
- 4WD tyres
- Rails and non slip coating on the ramp to protect against unplanned moves while loading and unloading.

Trailer Part Number TED®-ACC-004-00



### Solar charging module

Working on a remote site?

We can provide you with a solar charging module for your trailer. Let the sun charge the batteries while you work, ready to plug TED® in for a charge while not in use. If you are purchasing this with the trailer it will come fully setup and ready to use. If purchased separately, you will simply need to bolt onto the frame of your existing TED® Pit Rescue Trailer and install the battery box into the trailer.

Solar Module Part Number: TED-ACC-007-00

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## Haul Truck Tools for TED®

Haul heavy loads with ease using TED®'s innovative attachment range

### Steer Cylinder Cradle

Incredibly versatile, the Steer Cylinder Cradle is perfect for removing and replacing tie rods, steer cylinders and other cylindrical components.

SWL 800kg

Part Number: TED-ATT-005-01



### Sump Tray

As the name suggests, the Sump Tray attachment is most commonly used for removal and replacement of angled bottom sumps and sound suppression. The Sump Tray can be used either way up, featuring a flat face on one side, and a 45mm edge on the other side.

SWL 200kg

Part Number: TED-ATT-014-00



### Sound Suppression Tray

Lower sound suppression with ease. Also doubles as a sump tray removal tool. Take all 3 sump guards off CAT 793 trucks at the same time.

SWL 200kg

Part Number: TED-ATT-028-00



***"Our products are designed to be easy to use, durable, versatile and most importantly, enhance the lives of those using them."***



*"TED® is the most innovative and versatile piece of equipment I have seen in my time in mining maintenance. It has completely changed the way we do our job."*  
Murray TCI Fitter/Special Projects Manager

## Haul Truck Tools for TED®

Haul heavy loads with ease using TED®'s innovative attachment range

### Strut Spindle Cap Tool

Mounting to TED®'s turntable, the Strut Spindle Cap Tool, provides fine angle adjustment by the three threaded support points, allowing for safe removal and replacement of the Strut Spindle Cap on Haul Trucks.

SWL 800kg

Part Number: TED-ATT-025-00



### Steer Idler Attachment

Specifically designed to remove and replace Steer Idlers on Ultra Class Trucks, the Steer Idler has a pivot adjustment to support the Steer Idler at precisely the right angle for removal and replacement.

SWL 400kg

Part Number: TED-ATT-026-00



## Industry Collaboration

**Most of our products have come from demand. We love a good challenge and make it easy and affordable to innovate!**

The Steer Idler Attachment was designed to solve the needs of a site with Ultra Class trucks. The mine contacted us looking for a safer, more efficient way to remove and replace Steer Idlers with TED®. We visited the site, took pictures, measurements and developed a criteria. When the first prototype was made, the client got the chance to test it on-site. We integrated their feedback into changes and produced an end product that they were thrilled with.

**In most cases when we develop an attachment we don't pass on development costs and the product is offered to you at the same purchase price as everyone else.**



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## Cutting Edge Maintenance

Sharpen your maintenance procedures with TED®'s Cutting Edge Attachments

### Cutting Edge Tool

Designed to mount to TED®'s turntable, our basic Cutting Edge Tool will take the weight out of a variety of cutting edges whilst being removed or refitted.

SWL 800kg

Part Number: TED-ATT-006-01



### Double Sided GET Attachment

Make planned cutting-edge maintenance a breeze! The cutting edge can be lowered into one side of the Double Sided GET, scraped, buffed and levered to the second side. By simply turning the jig on TED®'s turntable, the cutting edge will be ready to be refitted® on the reverse side.

SWL 800kg

Part Number: TED-ATT-020-00



### CAT 24M GET Tool

Designed with a lower reach, the CAT 24M GET tool caters to a large range of graders and fits quickly to the front of TED® via the two front attachment pins.

SWL 200kg or 400kg with Counter Balance

Part Number: TED-ATT-021-00



### Corner Cutting Edge Tool (CCET)

Specifically designed for Corner Cutting Edges at all stages of wear, the CCET has height adjustment support pins and can mount to a pitch adjustment module to fit with blades sitting at various angles. The CCET also features bolts to secure the piece of Cutting Edge being removed or replaced.

SWL 800kg

Part Number: TED-ATT-024-00



*"Doing cutting edges with TED®, the GET attachment and the LA-40 is ideal; you can do the whole process, with next to no manual handling."  
David - Maintenance Coordinator*

## Angles and Extensions

Approaching maintenance from the best achievable angle.

*Our pitch adjustable attachments have been designed to help support components at exactly the angle required for removal and replacement, keeping hands out of the way of dangerous situations.*

*Pitch adjustable attachments fit to TED®'s Turntable, or an Extension Block where extra height is required, and can have another attachment bolt to the top.*

*Use these in conjunction with the Sump and Sound Suppression attachments, top mounting Cutting Edge Attachments, and the Steer Cylinder Cradle.*



### Slope Jig

Attaching to TED®'s turntable the Slope Jig can support components up to 400kg on angles up to 45 degrees. The Slope Jig drastically improves the process of changing Y-links and Le Tourneau ball caps.

SWL 400kg

Part Number: TED-ATT-009-00



### Low Profile Pivot Table

The Low Profile Pivot Table is perfect for supporting components on angles, + or -15 degrees. Capable of fine adjustment while loaded, the Low Profile Pivot Table provides fitters with superior flexibility and control.

SWL 800kg

Part Number: TED-ATT-030-00



### Pivot Table

The Pivot Table can carry it's tilt up to 20 degrees, making it perfect for supporting components on an angle. Other turntable attachments can be mounted to the top of the Pivot Table, providing variable working angles. It is most frequently used in conjunction with the Sump Tray, to remove and replace sumps and sound suppression.

SWL 800kg

Part Number: TED-ATT-013-00



### Extension Blocks

Get extra reach from all of the turntable attachments from the versatile Extension Blocks. Each block is 300mm high and may be stacked a maximum of 2 high with the selected attachment secured to the top Extension Block. Extension Blocks are commonly used to reach steering components in conjunction with the Steer Cylinder Cradle or Slope Jig.

SWL 800kg

Part Number: TED-ATT-012-00



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## Lifting and Moving with TED®

Lift safety standards and keep your fleet moving better with TED® on the team.



### Front Belly Plate Cradle

The Front Belly Plate Cradle has been specifically designed for safe removal of the sloping front belly plate on D11 Dozers, by supporting them at the correct angle and avoiding the need for dunnage.

SWL 800kg

Part Number: TED-ATT-023-00



### Belly Plate Legs

Simple yet effective, this set of 4 sturdy Belly Plate Legs will support the load of a belly plate up to 800kgs, making TED® available to continue with other jobs. These are perfect for the field where there is no access to forklifts and cranes. Used in the workshop these stands will save time and personnel waiting for a free forklift and operator.

SWL 800kg (used together)

Part Number: TED-ACC-001-00



### Rhino (Stand Locating Tool)

Manoeuvre heavy axle stands under machinery with remote control ease. The Stand Locating Tool helps to protect against needless back and shoulder strains.

SWL 200kg or 400kg with Counter Balance

Part Number: TED-ATT-003-01



### Track Roller Carrier

The Track Roller Carrier, as it's name suggests is used to take the weight out of Track Roller removal and replacement. Not only can the Track Roller Carrier improve manual handling, it may also protect against finger pinch and crush injuries by keeping hands out of the crush zone.

SWL 200kg or 400kg with Counter Balance

Part Number: TED-ATT-004-01



### Jib Attachment

Manoeuvre awkward objects from above with the all purpose Front Jib Attachment. Three different extension lengths add to the versatility of the Front Jib Attachment.

SWL 150kg-400kg with Counter Balance

Part Number: TED-ATT-031-00



## Lifting and Moving with TED®

Don't bust your back, let TED® take the weight

### Adjustable Forks

Move heavy equipment and components around in tight low spaces with ease using TED®'s Adjustable Fork Tynes. Tyne width is adjustable by sliding tynes along the plate.

SWL 200kg or 400kg with Counter Balance

Part Number: TED-ATT-022-00



### Tyre Handler

Our user friendly Tyre Handler is perfect for taking the weight out of changing tyres on service vehicles. Adjustable arms to fit a variety of tyre sizes, and rollers for ease of lining up wheel studs with the tyres make for simple and efficient one person tyre changes. Lower manual handling and raise efficiency with the TED® tyre handler.

The Tyre Handler can be lowered and positioned under the new tyre all via TED®'s remote control operation to minimise manual handling.

SWL 200kg or 400kg with Counter Balance

Part Number: TED-ATT-016-00



### Counter Balance

TED®'s Counter Balance increases the SWL of several front mounting attachments from 200kg to 400kg. The Counter Balance is suitable for even, stable ground.

Tare weight 235kg

Part Number: TED-ATT-018-00



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## Lift Assist System

Lifting safety and efficiency on your site!



### The lift assist system is designed to be as tough as your working environment.

Designed to take the weight out of tooling and cut down on postural, repetitive strain, and manual handling problems, the Lift Assist range are tough and versatile.

The LA-40 features 6 points of articulation, 1700mm vertical span, and a vertical suspension range of 700mm. The components have been cleverly designed so as to push fingers out rather than becoming a potential pinch point. The spring cases also feature stoppers to protect against accidental hand and finger injuries.

Greater flexibility through more shape configurations is achieved through the addition of the S Bend Extension, and the quick release components in each module, allow quick, easy set up, reconfiguration and pack up.

The addition of the Gimble Mount allows the sixth degree of movement, roll, to the system. Gimbles are available in two sizes, a larger one suited to rattle guns and larger tooling, and the smaller gimble more suited to narrower torque guns. Plates can be specifically made up to fit your intended tooling securely onto the gimble. Tools can be permanently setup in the gimbles, making tool change outs available in just seconds thanks to the quick release adapter.

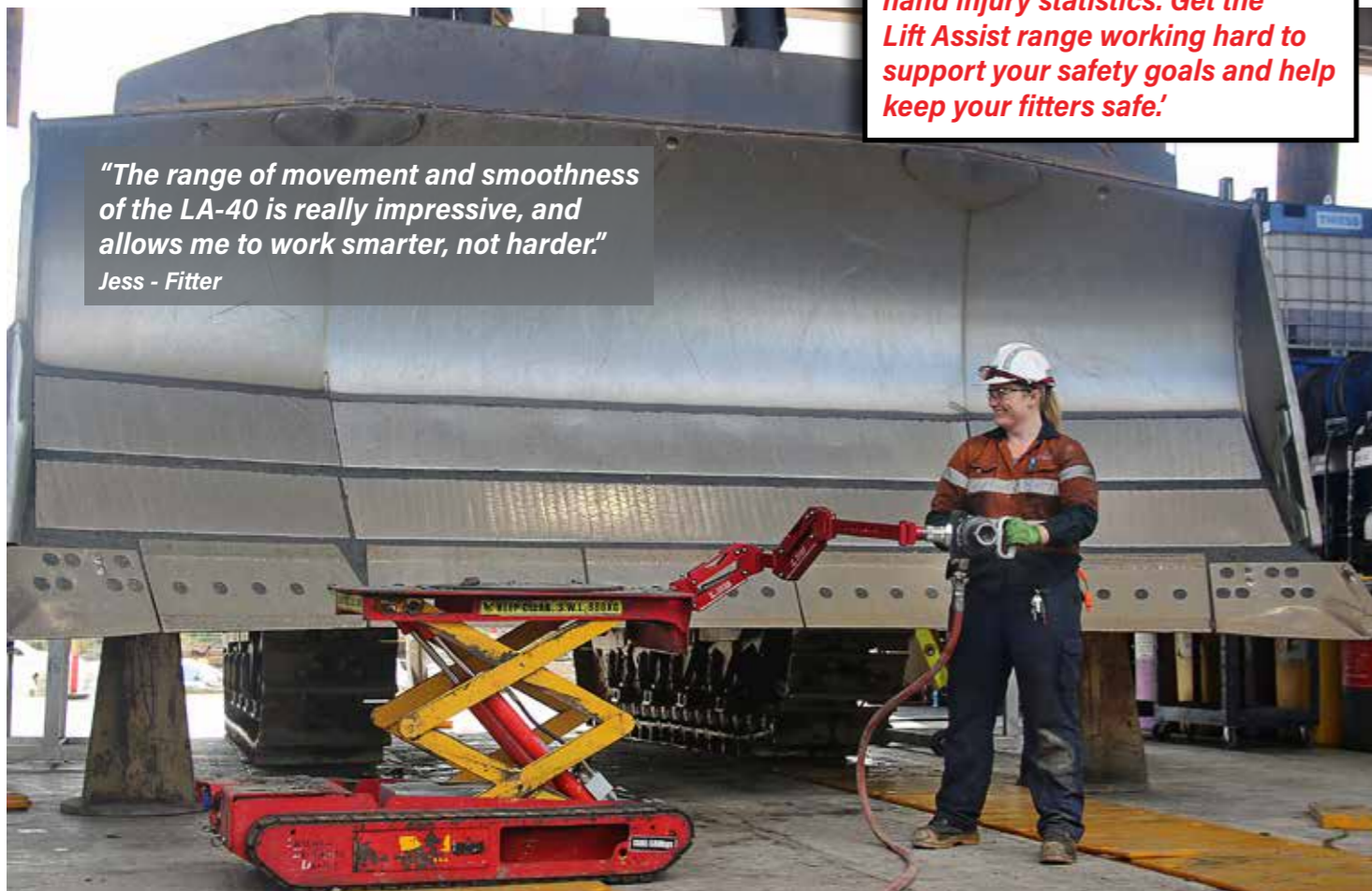
The LA-40 can be mounted to the front of TED®, utilising an extra 1200mm of vertical adjustment, attached to our mobile, self propelled LA Stand, or you can attach your Lift Assist arm to any suitable, fit for purpose, certified attachment point in your workshop or out in the field.

The range continues to grow, with more attachments adding to it's versatility and thus the range of tasks where it can assist. The recent addition of the LA Stand means that the LA-40 arm can now be used at heights of up to 3m, making it the perfect fit for tyre, wheel and suspension maintenance.

***'There are undeniable links between fatigue and workplace accidents. Don't let your fitters add to the hand injury statistics. Get the Lift Assist range working hard to support your safety goals and help keep your fitters safe.'***

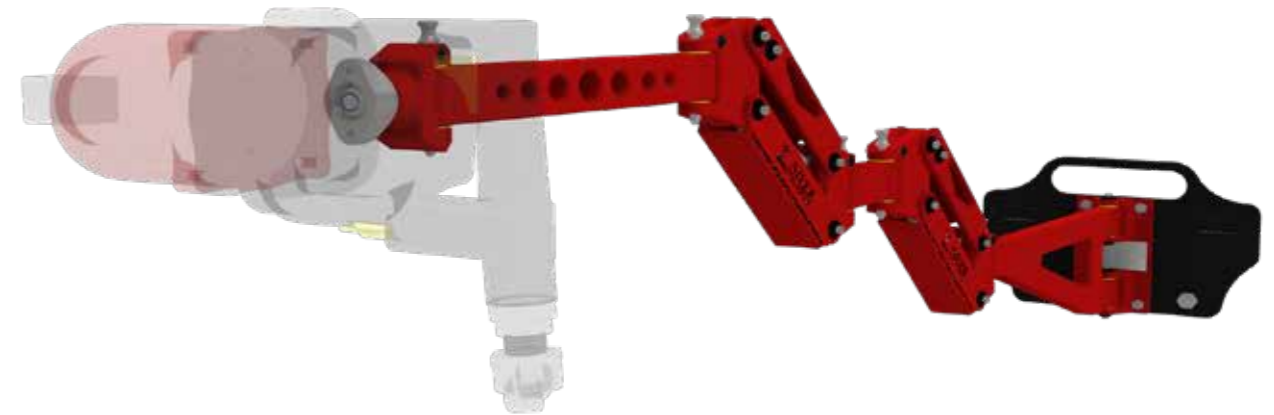
***"The range of movement and smoothness of the LA-40 is really impressive, and allows me to work smarter, not harder."***

*Jess - Fitter*



## Lift Assist 40

Make light work of your team's tooling.



***"A lot of the tool's vibration and impact is absorbed by the LA-40's spring design. The fatigue management of the LA-40 is just awesome!"***

*Adam - Safety Trainer*

### Lift Assist 40 Arm (LA-40)

Take the weight out of a range of tooling up to 40kgs.

Mount to the front of TED®, the LA Stand or any other certified fit for purpose mounting point.

SWL 40kg

Part Number: AGA-ARM-100-00

### Gimble Mount

Achieve the sixth degree of movement, roll, with the Gimble Mount Attachment. Choose from large or small depending on the tooling and the task.

SWL 40kg

Part Number: AGA-GIM-100-00

Small: AGA-GIM-100-00(s)

### S Bend

The 'S bend' reconfigures the LA-40 arm to allow reach into tight spots and can be used either way up.

SWL 40kg

Part Number: AGA-ARM-100-017

### Quick Release

The Quick Release attachment enables you to have multiple tooling items set up ready to go with only seconds required to make the change. Compatible with the gimble attachments.

SWL 40kg

Part Number: AGA-ARM-100-014-00

### Quick Release - Male Spigot

By purchasing multiple Spigot Attachments, you can have all selected tooling ready to attach to the LA-40 within seconds. (Not required with the Gimble Mount)

SWL 40kg

Part Number: AGA-ARM-100-014-05



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## Lift Assist Stand

Lifting safety and efficiency to completely new levels!

With an impressive reach of 3m high, the **Lift Assist Stand** can take the benefits of the LA-40's reduced manual handling, postural benefits, hand protection and fatigue reduction into the Tyre Bay and beyond.

Attach your LA-40 quickly and easily to the versatile mounting plate. As the Lift Assist System grows, additional options will attach via the same mounting plate.

The LA Stand's pendant controller features a 5m extension cable enabling operators to adjust the height of the mast whilst remaining on a personnel access platform.



LA Stand Part Number: AGA-LAS-001-00

Complies with AS1170.0/1, AS1418.1/8, AS2359.1/2, AS4100, AS4991

## Lift Assist Stand

Taking fatigue reduction to new heights!

*"The LA-40 system will assist us in reducing hand injuries as well as back and shoulder issues long term. The Tyre Technician has a far reduced need, if at all to place their hands near any pinch or crushing points in the rim and wheel base when using rattling or torquing equipment."*

- Peter Santarossa

Tyre Supervisor Bengalla Mine

Lockable Control Selector

Tilt Sensor

Battery Isolator

Deadman Function

Dual E-stop system (Console & Pendant)

### LA Stand Features

- 3m reach height
- Forkliftable
- Self propelled
- 240v smart charger
- Tilt sensor
- Pendant controller
- Lockable control selector

The LA Stand's base is forkliftable for moving from bay to bay and longer distances. It is also self propelled with a stand-on base for fine adjustment into position.

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**NIVEK INDUSTRIES**

# **TED® Spares Quick Reference**

Maintain the tooling that maintains your operations

## **Electrical Components**

<b>TED® Battery Charger</b>	<b>BCS-A1220</b>
<b>TED® Main Battery (6V AGM DC)</b>	<b>TED-ELE-002-01</b>
<b>Anderson Plug</b>	<b>TED-ELE-012-01</b>
<b>Battery Isolator Assembly</b>	<b>TED-ELE-009-01</b>
<b>Beeper</b>	<b>TED-ELE-015-01</b>
<b>Strobe</b>	<b>TED-ELE-007-01</b>
<b>E-Stop</b>	<b>TED-ELE-010-01</b>
<b>On/Off Switch</b>	<b>TED-ELE-011-01</b>
<b>Flexpro Transmitter</b>	<b>TED-ELE-019-01</b>
<b>Start Solenoid</b>	<b>TED-ELE-004-01</b>

## **Drive Components**

<b>Track Idler Kit</b>	<b>KIT-TED-DRV-002-00</b>
<b>Drive Sprocket Kit</b>	<b>KIT-TED-DRV-004-00</b>
<b>Tracks - Checker Plate</b>	<b>TED-DRV-001-00</b>
<b>Tracks - Neoprene Coated</b>	<b>TED-DRV-001-0(N)</b>
<b>Grease Nipple</b>	<b>TED-GEN-008-01</b>

The products in this catalogue and servicing support are available from Nivek Industries and their Authorised Resellers in Australia and around the world. A full list can be found at:  
<https://www.nivekindustries.com.au/contact/>

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# **Your road to safety starts with award winning, quality products...**

We love feedback. Share your stories with us! @nivekindustries



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