EUROPEAN CREATIVITY. CHINESE PRECISION.

10 years of quality manufacturing in China

NEWTRACKS

NewTracks – 10 years

2016 — **NewTracks AS** is founded. Focus on industrial design and prototypes.

2018 — Employee no. 1 in China. Office opens in Shenzhen and **NewTracks China Co. Ltd** is established.

2021 — Two employees in China. Quality assurance routines established, and revenue passes NOK 10 million.

2024 — Investment in manufacturing in China together with a local Chinese partner.

2026 — Six employees in China and two in Norway. **NewTracks Manufacturing Co. Ltd.** certified to ISO 9001, ISO 14000 and ISO 13485.



Employee no. 1 in China. Office opens in Shenzhen and **NewTracks China Co. Ltd** is established.



In 2021, Jalor Yang joins as quality manager and we begin more systematic inspection of all goods and certification of the factories. Jalor is now General Manager.



In 2024, NewTracks invests in a factory for machining, injection moulding and assembly: **NewTracks Manufacturing Co. Ltd.**



2026: The super team at NewTracks China.



Gasellebedrift
2021
2022
2023
2024
2025
2026

Making lasting tracks together

Ten years have passed since we designed the first product under the NewTracks name in 2016. NOMAD is a product we still manufacture and are proud of – a track we have left around the world. Today NOMAD is found in 47 countries, and that is exactly what we mean by "making lasting tracks together". It is amazing what we achieve together.

In 2018 we founded the subsidiary NewTracks China Co. Ltd., rented an office in Shenzhen and hired engineer Kevin Liu, who still works at NewTracks. Some partnerships stick.

The first years were tough, and the challenges came thick and fast: COVID, the war in Ukraine that halted all rail freight through Russia, trade wars and a blocked Suez Canal. Even so, we have held our course with steady growth and sound finances. We have not grown in spite of adversity, but because we faced it together. NewTracks has been named a Gazelle company six years in a row.

In 2024, together with a Chinese partner, we invested in the manufacturing company NewTracks Manufacturing (Shenzhen) Co. Ltd., with capabilities in injection moulding, CNC machining and assembly, certified to ISO 9001, ISO 14000 and ISO 13485. A new track, set deeper.

As of June 2026 we are three employees in Norway and six at NewTracks China Co. Ltd. A small team, but a super team: close-knit, fast and focused on the right quality at the right price.

Making lasting tracks together. It is not just a slogan. It is how we have built this company, day by day, year by year.

Julius Espedal
Founder and CEO

Protection of the Environment

No Child labour

Occupational Health and Safety

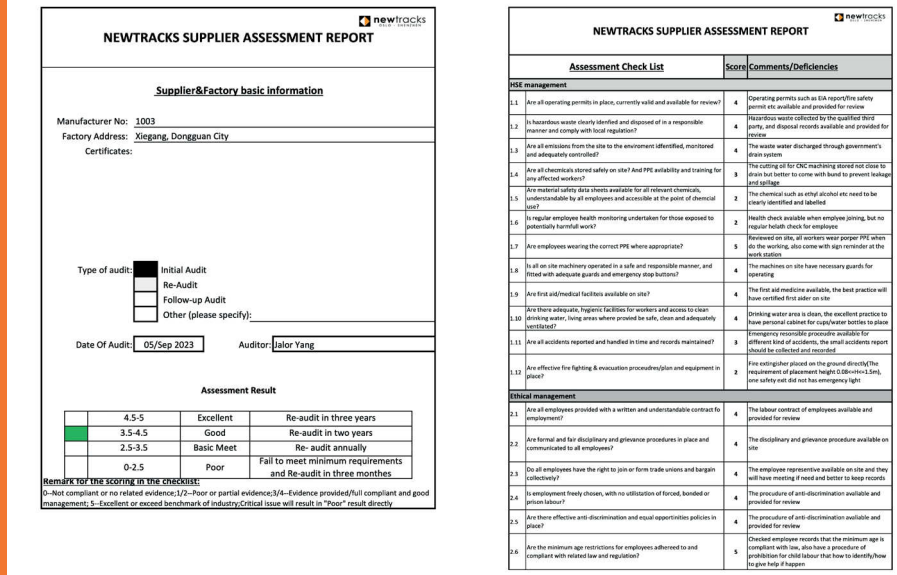
Gender Equality No Discrimination

Freedom of Association and Collective Bargaining

No forced Labour

Fair Remuneration

Decent Working hours



NEWTRACKS SUPPLIER ASSESSMENT REPORT

Supplier&Factory basic information

Manufacturer No: 1003
Factory Address: Xiegang, Dongguan City
Certificates:

Type of audit: ■ Initial Audit
☐ Re-Audit
☐ Follow-up Audit
☐ Other (please specify):

Date Of Audit: 05/Sep 2023 Auditor: Jalor Yang

Assessment Result

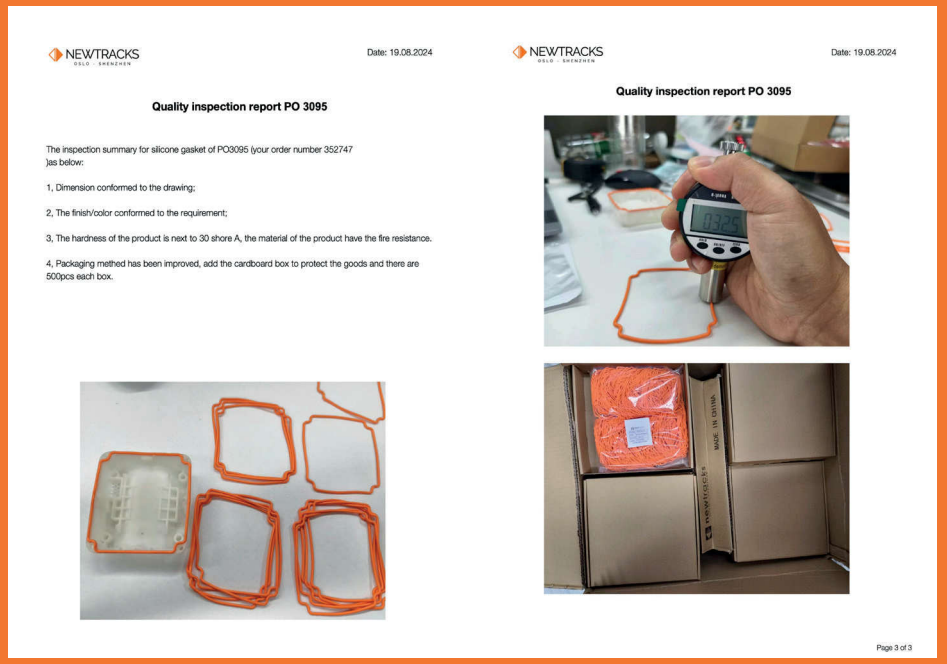
	4.5-5	Excellent	Re-audit in three years
■	3.5-4.5	Good	Re-audit in two years
	2.5-3.5	Basic Meet	Re- audit annually
	0-2.5	Poor	Fail to meet minimum requirements and Re-audit in three monthes

Remark for the scoring in the checklist:
0–Not compliant or no related evidence;1/2–Poor or partial evidence;3/4–Evidence provided/full compliant and good management; 5–Excellent or exceed benchmark of industry;Critical issue will result in "Poor" result directly

NEWTRACKS SUPPLIER ASSESSMENT REPORT

	Assessment Check List	Score	Comments/Deficiencies
HSE management			
1.1	Are all operating permits in place, currently valid and available for review?	4	Operating permits such as EIA report/fire safety permit etc available and provided for review
1.2	Is hazardous waste clearly identied and disposed of in a responsible manner and comply with local regulation?	4	Hazardous waste collected by the qualified third party, and disposal records available and provided for review
1.3	Are all emissions from the site to the environent identified, monitored and adequately controlled?	4	The waste water discharged through government's drain system
1.4	Are all checmicals stored safely on site? And PPE avilability and training for any affected workers?	3	The cutting oil for CNC machining stored not close to drain but better to come with bund to prevent leakage and spillage
1.5	Are material safety data sheets available for all relevant chemicals, understandable by all employees and accessible at the point of chemcial use?	2	The chemical such as ethyl alcohol etc need to be clearly identified and labelled
1.6	Is regular employee health monitoring undertaken for those exposed to potentially harmfull work?	2	Health check available when emplyee joining, but no regular helath check for employee
1.7	Are employees wearing the correct PPE where appropriate?	5	Reviewed on site, all workers wear porper PPE when do the working, also come with sign reminder at the work station
1.8	Is all on site machinery operated in a safe and responsible manner, and fitted with adequate guards and emergency stop buttons?	4	The machines on site have necessary guards for operating
1.9	Are first aid/medical facilitets available on site?	4	The first aid medicine available, the best practice will have certified first aider on site
1.10	Are there adequate, hygienic facilities for workers and access to clean drinking water, living areas where provied be safe, clean and adequately ventilated?	4	Drinking water area is clean, the excellent practice to have personal cabinet for cups/water bottles to place
1.11	Are all accidents reported and handled in time and records maintained?	3	Emergency responsible procesudre available for different kind of accidents, the small accidents report should be collected and recorded
1.12	Are effective fire fighting & evacuation proceudres/plan and equipment in place?	2	Fire extinguiher placed on the ground directly(The requirement of placement height 0.08<=H<=1.5m), one safety exit did not has emergency light
Ethical management			
2.1	Are all employeees provided with a written and understandable contract fo employment?	4	The labour contract of employees available and provided for review
2.2	Are formal and fair disciplinary and grievance procedures in place and communicated to all employees?	4	The disciplinary and grievance procedure available on site
2.3	Do all employees have the right to join or form trade unions and bargain collectively?	4	The employee representive available on site and they will have meeting if need and better to keep records
2.4	Is employment freely chosen, with no utilisation of forced, bonded or prison labour?	4	The procedure of anti-discrimination available and provided for review
2.5	Are there effective anti-discrimination and equal opportinities policies in place?	4	The procedure of anti-discrimination available and provided for review
2.6	Are the minimum age restrictions for employees adhereed to and compliant with related law and regulation?	5	Checked employee records that the minimum age is compliant with law, also have a procedure of prohibition for child labour that how to identify/how to give help if happen

Annual factory inspection report, ensuring that the factories maintain good working conditions, high ethical standards, health and safety, and environmental compliance.



NEWTRACKS OSLO · SHENZHEN

Date: 19.08.2024

Quality inspection report PO 3095

The inspection summary for silicone gasket of PO3095 (your order number 352747)as below:

1, Dimension conformed to the drawing;

2, The finish/color conformed to the requirement;

3, The hardness of the product is next to 30 shore A, the material of the product have the fire resistance.

4, Packaging methed has been improved, add the cardboard box to protect the goods and there are 500pcs each box.

NEWTRACKS OSLO · SHENZHEN

Date: 19.08.2024

Quality inspection report PO 3095

A quality report is sent to the customer with every delivery.



Thread inspection



MMC measurement



Checking anodising thickness.

We manufacture in China because of quality. Not price!

Simen Frostad, Bridge Technologies.
NewTracks customer for 10 years

For every production batch we run, one of our staff travels to the factory to inspect the quality before the goods are shipped to the customer. A quality report is sent to the customer, along with material certificates when required.

We carry out regular audits of all our partner factories to ensure good working conditions, ethical operations, health and safety compliance and environmental responsibility in line with applicable requirements.

Certifications

We handle approvals and certification for CE, FCC, IC, UKCA, WEEE, RCM, SRRC, RoHS, ISED and more.

In addition to the Chinese certification bodies, the British **Intertek**, Swiss **SGS** and German **TÜV** also have branches in Shenzhen, carrying out tests and certifications to the same standards as elsewhere in the world. Our experience is that testing at the Chinese branches involves far shorter waiting times than in Europe, at a significantly lower cost.

intertek
Total Quality. Assured.

TÜV

SGS



Customer case:

BRIDGE TECHNOLOGIES

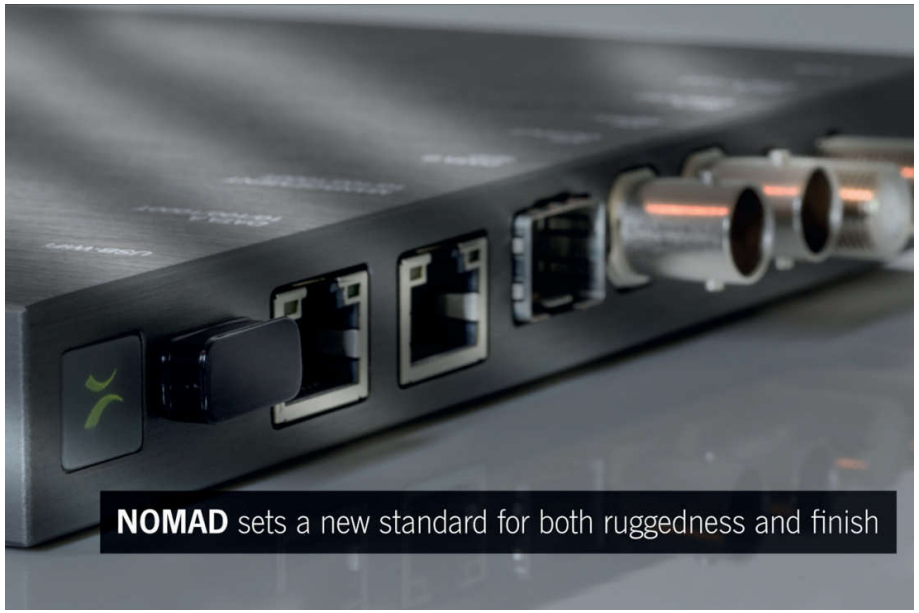
10 years of TV success together

Bridge Technologies develops analysis and monitoring technology for digital TV, used by broadcasters all over the world. For more than ten years, the company has worked with NewTracks on the development and production of several products.

The collaboration requires close dialogue between design and production – electronics, cooling, tolerances and aesthetics must work together in compact enclosures.

A good example is NOMAD: a small unit, but packed with technology. It is a high-end product, and the chassis must reflect this. The enclosure must also provide cooling and EMC shielding. Brushed aluminium and titanium-grey anodising provide passive cooling and an exclusive finish.

Production takes place in China because of the high demands on precision and finish.



EMC shielding of anodised aluminium

Anodising creates an insulating layer. Electrical contact for EMC shielding is ensured by re-machining the contact surfaces after anodising and treating them with Surtec 650, a RoHS-compliant conductive surface treatment.


FLYTOGET
AIRPORT EXPRESS
Skann boardingkort for bagasjelapp
Save time.
Print your bag tag here.
FLYTAG

Customer case:

FLYTAG

For BB Computerteknikk and Flytoget

With FLYTAG, passengers can print their baggage tags while still on the train, reducing stress at the airport and making baggage handling more efficient.

BB Computerteknikk has delivered an innovative solution that improves the travel experience, and we at NewTracks contributed the design and production of the enclosures.



Design focus for FLYTAG:

- Designed to Flytoget AS specifications.
- Secure pull-out for changing the tag roll.
- Fits different shelves in both old and new trains.
- Servicing: quick swap of the entire electronics module while the train is at the terminal station.
- NewTracks handled the design and production of the FLYTAG enclosures.



From Flytoget's video advertisement for FLYTAG.



EUROPEAN VISIONS. CHINESE KNOW-HOW.

Customer case:

LEARO

A handle that changes the standard

The door handle has remained almost unchanged since 1878. The Norwegian design company LEARO wanted to change that – and chose NewTracks as its partner to take the handle from prototype to series production.

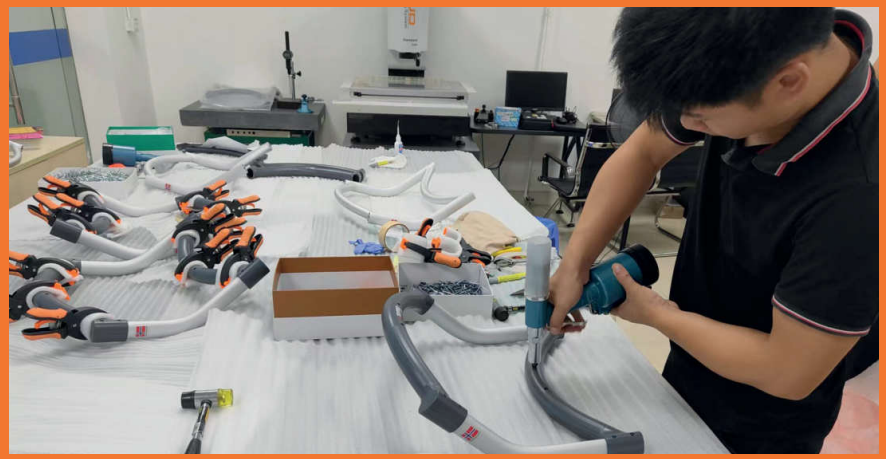
The result is a handle in powder-coated aluminium with a movable top section for a better grip and easy installation. It is launched in white, black and titanium grey – and marks LEARO's ambition to renew everyday objects through timeless design.

NewTracks helped develop processes along the way that ensure:

- Precise tolerances in machining and surface treatment.
- A matt, exclusive finish that withstands daily use.
- A movable top section for a better grip, even on older lock cases.
- An all-in-one solution for quick and easy installation.

The combination of design and engineering results in a product that feels solid, lasts long and can be mass-produced without compromising on its look.





The delivery to Topro Step covers several types of production:

Extrusion and injection moulding
The handles are made from extruded aluminium profiles that are bent and welded. The injection-moulded plastic covers are fitted last.

Cast aluminium
The roller module itself is die-cast, anodised aluminium. The wall brackets are also cast aluminium, powder-coated.

Cast acid-proof stainless steel
Several components are cast in acid-proof stainless steel. Powder Metallurgy Casting (PMC) gives high precision. Investment casting is used where precision is less critical; this process has low tooling costs.

Assembly of the complete product in custom packaging, ready to ship to the end user.

Customer case:

TOPRO STEP

Safe support on stairs – from student project to international business.

Topro Step provides safe support on stairs and makes it easier for people with reduced mobility to move around their home safely, without extensive building work.

What started as a student project at NTNU became Assitech AS, and in 2021 the company was acquired by Topro Industri AS, a leading manufacturer of rollators whose largest market is Germany.

Together, Topro Rollator and Topro Step make a perfect combination for greater mobility and safety!



Cast aluminium roller module. Injection-moulded POM wheels with ball bearings.



Wall bracket for mounting the rails.
Cast aluminium, powder-coated.
Packed in pairs with the customer's logo
for easy handling and shipping.

PATENTS IN CHINA

We have helped customers file patent applications in China.

A Chinese patent strengthens protection against products being copied by other Chinese manufacturers, and it helps if copies are offered for sale on Chinese platforms such as Temu and AliExpress.

In addition to standard patents and design patents, China has a separate patent type called the Utility Model Patent. It protects technical solutions relating to a product's structure and construction, and gives faster and cheaper protection than a traditional patent, with a term of ten years.

CNIPA



Ctrl Bar mounts on the Tesla touchscreen and has buttons and rotary knobs with a satisfying click. The driver can select functions without taking their eyes off the road.

Customer case:

Greenmission Ctrl Bar

Tactile buttons for Tesla – an add-on to the touchscreen.

When Vetle Husby of Greenmission wanted a more intuitive way to control his Tesla, he came to NewTracks with an idea: a physical control unit that complements the car's touchscreen. That is how Ctrl Bar was born – an elegant, functional solution with tactile buttons and premium design.

NewTracks' role in the project:

- Design of electronics and mechanics.
- Production of the complete product.
- Software loading and 100% testing.
- High-end packaging with accessories.
- Shipping directly to logistics warehouses in the USA and Europe, which handle dispatch to end customers.

Vetle started the project without external capital, but with a solid plan. Together we developed a high-quality prototype, perfect for presenting in a crowdfunding campaign. The goal was to pre-sell 250 units – a target that was exceeded several times over! The funding secured further product development and production, entirely without loans or investors.

Today Ctrl Bar is available to Tesla owners worldwide via ctrl-bar.com. The product has become a great success and continues to impress with its intuitive user interface, premium materials and seamless integration into the car's interior.



Finished product with all accessories in high-end packaging.



100% quality control of all functions and firmware upload.


EUROPEAN
INNOVATION.
CHINESE
PRECISION.

Customer case:

NOFENCE

Virtual fencing for livestock. Replaces traditional fences and makes better use of grazing land.

- Precision mechanics in acid-proof stainless steel.
- Special components for SMD, packed on reels.
- Efficient high-volume production.

NewTracks has worked with Nofence for many years – from early prototypes and small-scale production to streamlining high-volume production.

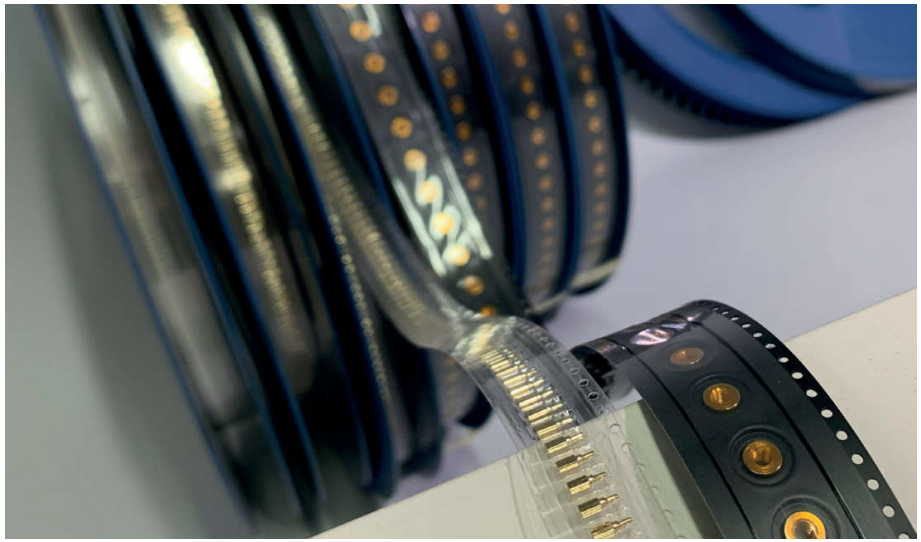
As of 2025, Nofence has sold 150,000 collars.

NewTracks' production includes:

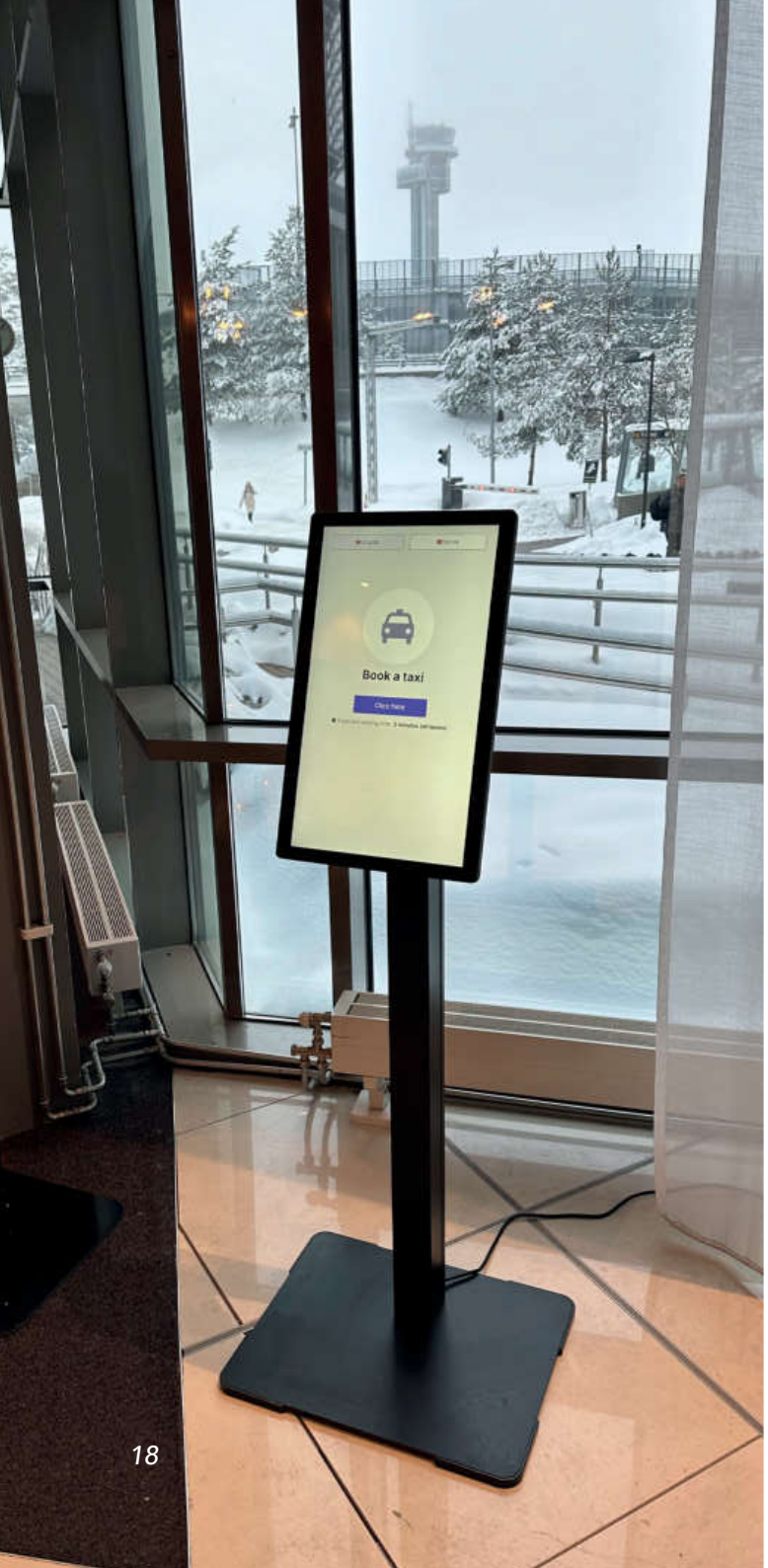
- Turned components.
- Pogo pins (gold-plated spring contacts).
- Spring steel.
- Custom-designed chain.
- Sheet metal parts from progressive dies.
- Packaging on reels.

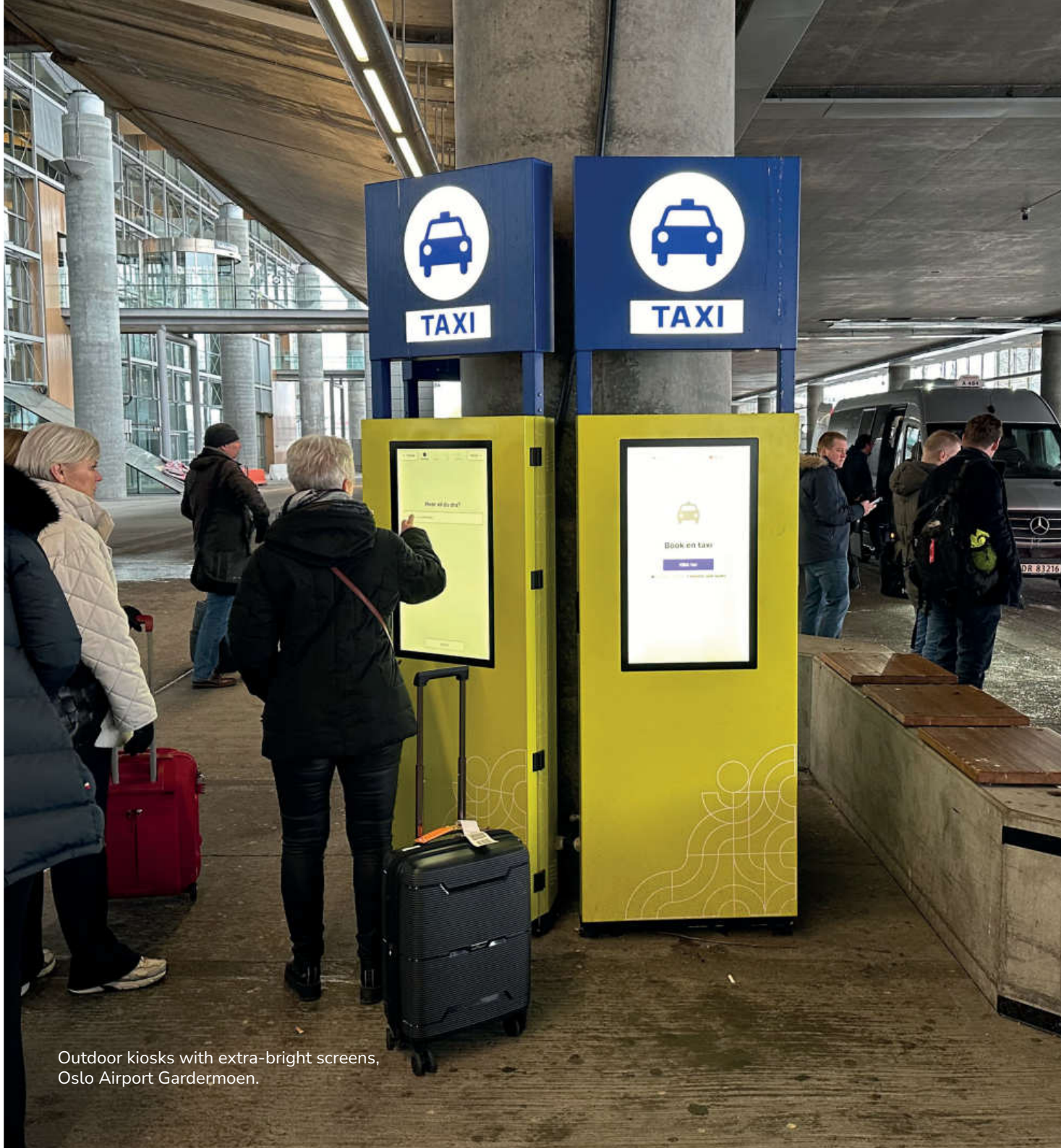


Gold-plated spring contacts, pogo pins.



SMD components packed on reels, ready for automated assembly.





Outdoor kiosks with extra-bright screens,
Oslo Airport Gardermoen.

Customer case:

FAST TRAVEL

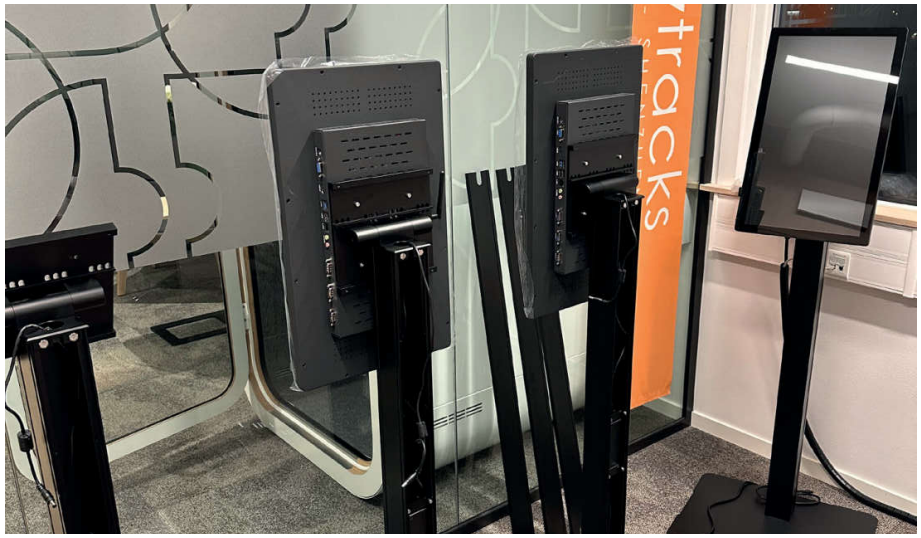
Predictable taxi fares and fair competition.

- Gives passengers an overview of available taxi companies.
- Fixed price for a trip on a given route.
- Fair competition and a better working environment for drivers.

Kiosks designed and produced by NewTracks for Fast Travel AS. The kiosks are delivered complete with touchscreen and computer according to the customer's specifications. Design and colours are tailored to the customer's wishes.

The large model is designed for outdoor or indoor installation and comes with an illuminated information sign. Powerful, bright screen for outdoor installation.

The small model can be bolted to the floor or supplied with a base plate that requires minimal installation.





Taxi kiosks with screens at two different heights, accessible to everyone.
Oslo Airport Gardermoen.


CTM
LYNG
NORSKE
KVALITETS
PRODUKTER


Belysning
CTM
LYNG
DOWNLIGHT
SKINNESPOT
mTouch
Hotel
Eladen
CTM
LYNG
- FOR EKTE
ELEKTRIKERE!

Customer case:

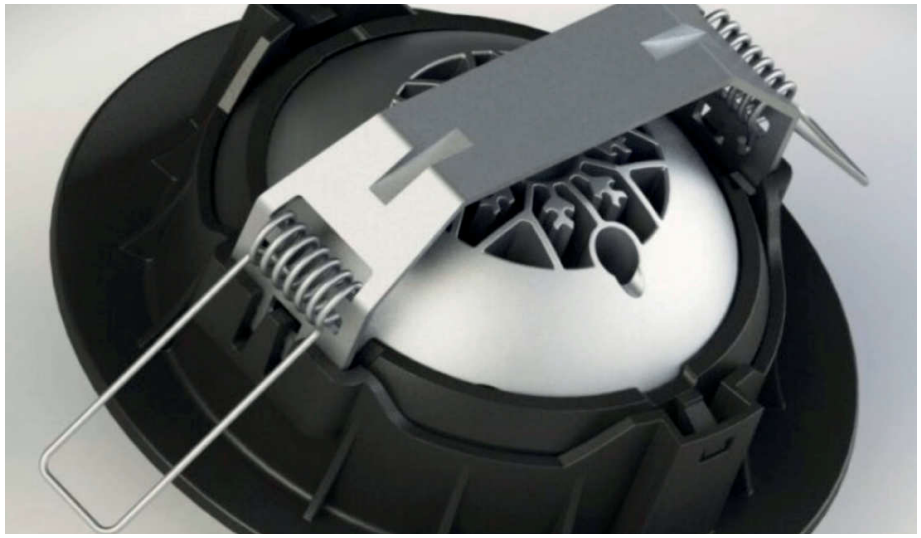
CTM LYNG

EVIG downlight, made from recycled materials – and for recycling.

- Plastic components made from recycled agricultural plastic (hay bale wrap).
- Designed for easy disassembly and recycling at end of life.
- Produced at CTM Lyng in Vanvikan.
- NewTracks guarantees at least 50% recycled raw materials.

The Circuline project started as a master's thesis by Parisa Ebadat. Her ambitious goal was to create a downlight from recycled materials, with components that could be recovered at the end of their life. CTM Lyng acted as supervisor during the project. After the thesis was completed, CTM Lyng realised that Parisa's ambitious goals could actually be achieved, and decided to take the product into series production.

In 2024 the product was launched at Eliaden. In the photo on the far right is project manager Parisa Ebadat with NewTracks founder Julius Espedal.



Cast aluminium with a minimum of 50% recycled raw material. The NewTracks delivery includes springs and bracket.



Complete Circuline EVIG downlight.



EUROPEAN IDEAS. CHINESE QUALITY.

Customer case:

RIFT LABS/KELVIN

World-leading supplier of studio lighting.

- Award-winning design.
- Precision in light quality, function and finish.
- Chassis in 6 mm CNC-machined aluminium, sandblasted, anodised and screen-printed.

Rift Labs, with its own development and production at Vinterbro outside Oslo, has established itself as a world leader in studio lighting.

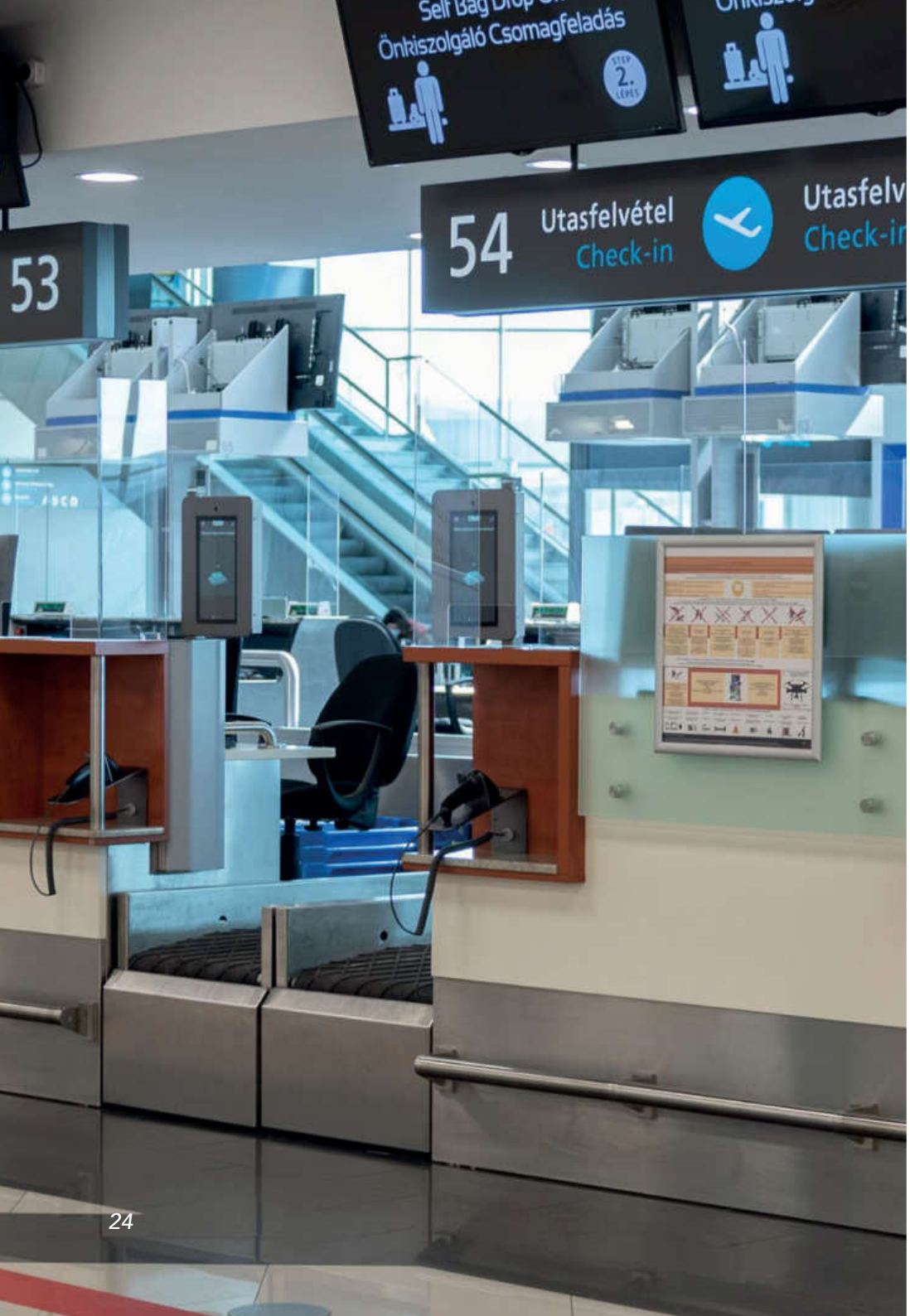
All products are tested and calibrated before delivery, so the light gives exactly the same colour and intensity regardless of which light source is connected.

The same high standards of precision, function and finish apply to the mechanical components NewTracks supplies.





CNC machining of all components.


Önkiszolgáló Csomagfeladás
2.
53
54
Utasfelvétel
Check-in


Place your bag on the conveyor

Customer case:

BB COMPUTERTEKNIKK

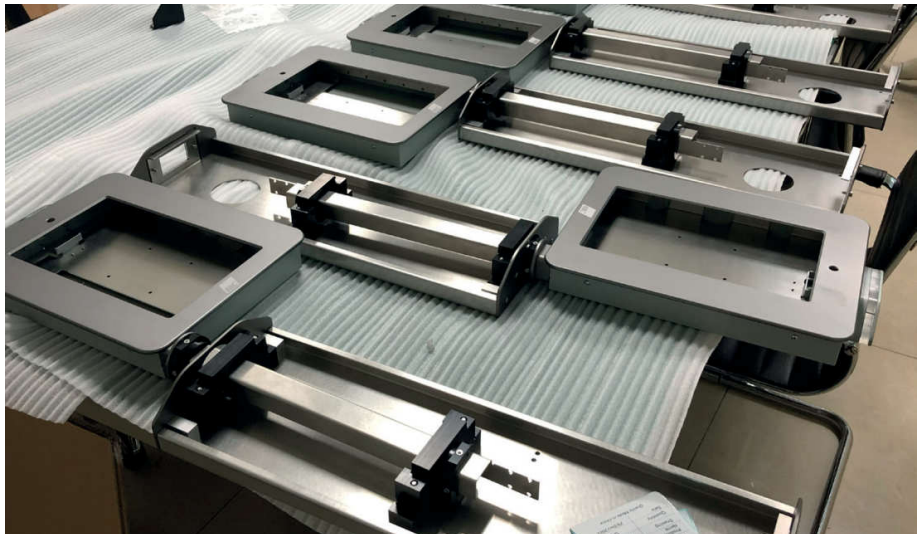
Design and production by NewTracks.

- Rotating screen shows staffed/self-service counter.
- Adapted to existing interiors.
- Left- and right-hand installation with the same components.
- Compact installation and quick assembly.
- NewTracks packaging, used through every production stage all the way to the end customer.

Supplied as a complete kit with all mechanical components, including packaging.

- Front panel in machined aluminium, anodised in “titanium” colour.
- Extruded and painted aluminium profile.
- Covers in bent, welded and painted steel.
- LED indicator and details in machined acrylic and POM.

Electronics are fitted by the customer in Norway.



Assembly of screen mechanics.



Finished product packed in NewTracks packaging.

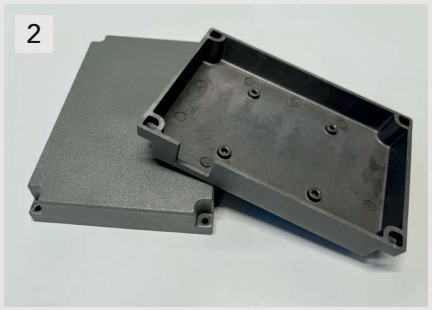
Manufacturing capabilities

Aluminium casting

Cast aluminium is a highly efficient production method with relatively low tooling costs. Die-cast aluminium offers high precision and many surface treatment options:

- Powder coating.
- Wet painting.
- Surtec 650 electrically conductive passivation.
- Anodising.





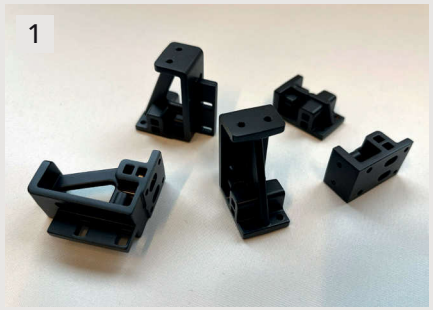


1. Injection-moulded complete collar.
2. Cast aluminium with Surtec 650 and painted surface.
3. Cast aluminium with CNC-machined threads. Anodised surface.

Zinc and stainless steel casting

We can cast stainless steel components (AISI 304 or AISI 316) using two different processes:

- Investment casting, which has very affordable tooling but lower precision.
- Powder metallurgy casting, which offers very good precision but higher tooling costs.







1. Die-cast zinc with black chromate finish.
2. Investment-cast acid-proof stainless steel, finished with a ground surface.
3. Powder metallurgy casting in stainless steel with high precision.

Electromechanics

Precision components with many options for surface treatment and packaging:

- Many different materials.
- Surface treatment as required.
- Packaging in blisters, on reels or custom packaging.





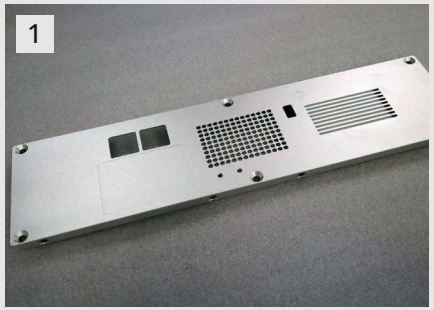


1. Special screws – gold-plated brass.
2. Pogo pins.
3. Threaded standoffs for SMD, surface mounting on PCBs, on reels for automated assembly.

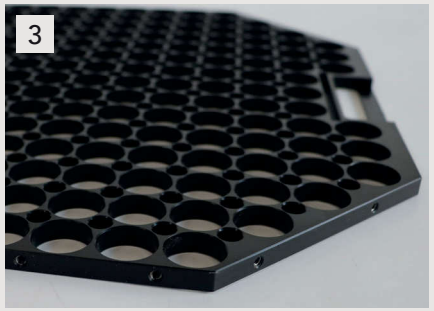
CNC machining

High precision and advanced designs:

- Aluminium.
- Stainless steel.
- POM.
- Copper.
- All types of surface treatment.







1. Front panel in machined aluminium.
2. Machined acid-proof stainless steel.
3. Machined POM.

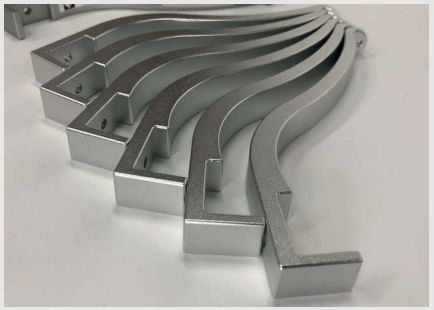
Extruded aluminium

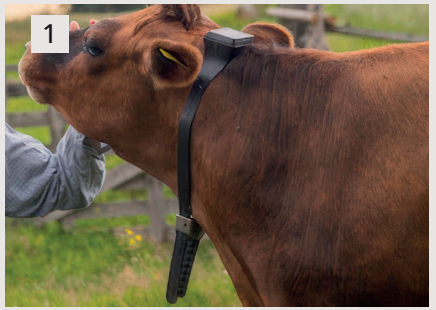
- CNC machining.
- Sandblasted surface.
- Screen printing.
- Fitted locks.
- Anodising in all colours.
- Bent and welded profiles.
- Card front panels with EMC gaskets.
- Masked and painted.
- Surtec 650 – RoHS-compliant conductive surface.

Injection moulding & forming

- Injection-moulded thermoplastics
- Vacuum forming

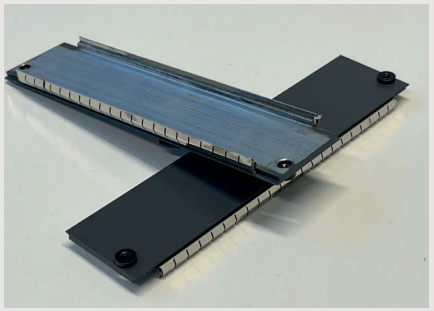














1. Injection-moulded TPU.
2. Vacuum-formed HDPE.
3. Injection-moulded ABS.

Packaging

– Part of the product
Whether it is simple packaging for safe transport or creating “the unboxing experience”, the packaging is an important part of the product.

We aim to deliver products from production in China in packaging good enough to be used all the way to the end customer, saving both costs and the environment.



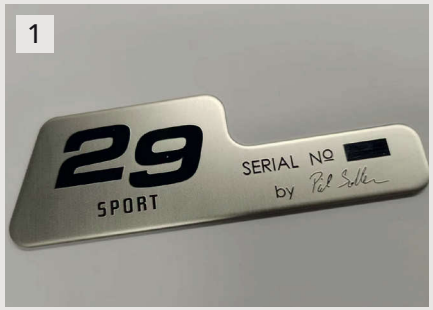


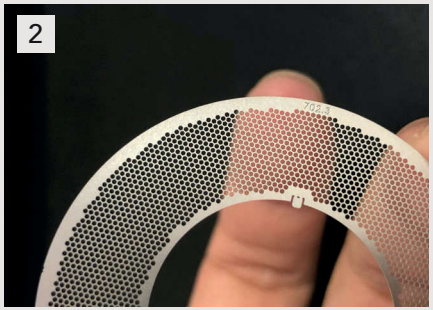




Other products

We also supply a range of other products that do not fall into any particular category. Here are some examples:







1. Etched serial number plate.
2. Etched filter in 0.2 mm acid-proof stainless steel.
3. Welded acid-proof stainless steel.

New office in Shenzhen

At the end of 2025, our team in Shenzhen moved into new premises. The team has grown from 2 to 6 employees and needed more space. We now have better working conditions, dedicated areas for quality assurance and a small workshop for prototypes.

But the most interesting part was the move itself. In China there are traditions and symbolism that we take into account in our plans. Although we took over the new premises on 1 November, we waited to move until the 17th, which this time was considered an auspicious day for moving into new premises.

For us, this is a good reminder: to succeed across cultures, you need to understand the people and the traditions, not just the craft.





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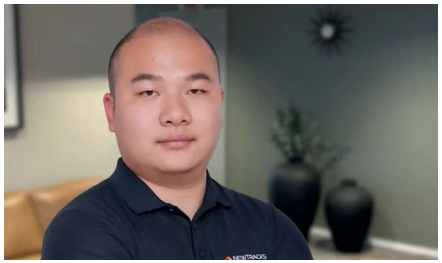
NewTracks China



General Manager China /
Quality Manager
Jalor Yang



Office Manager
Sunny Chen



Mechanical Engineer
John Wu



Senior Sourcing Specialist
Crystal Li



Quality Expert
Ven Zhang



Global Trade Assistant
Nichole Chen



Making lasting tracks together

We believe the best products are created by people who want to build something together. People who dare to break new ground. People who leave their mark. That is why we love bringing European ideas to life with the strength and quality found in the best factories in China. Both cultures have strong traditions that we continue to build on.

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