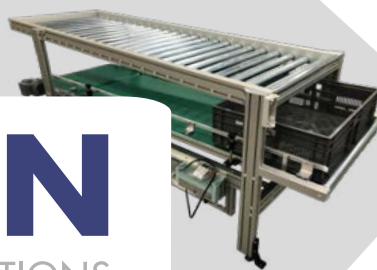


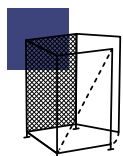
# NORCAN

UNLIMITED CREATIVE SOLUTIONS

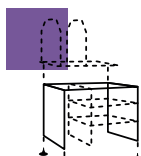


**SHERPA**  
by SMR

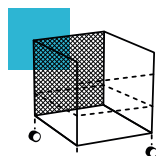
MyNORCAN.COM



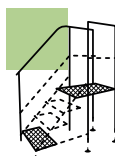
Machine frames and housings



Workstations and technical furniture



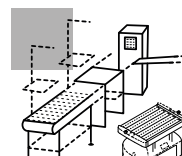
Trolleys & carts, material handling



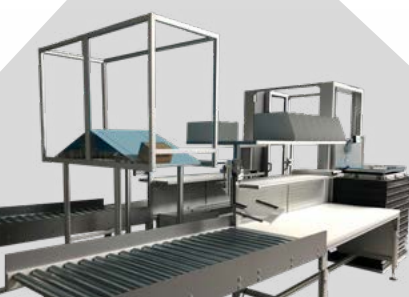
Access platforms, gangways and steps



Material flows and conveyors



... full installations integrating mobile robotics





## A word from the President:

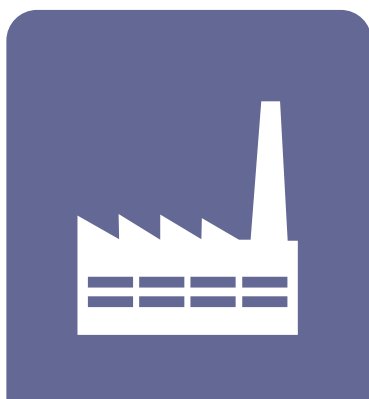
*"NORCAN is the French leader in modular and tailor-made mechanically assembled solutions based on aluminium profiles. Our products cover 5 application families, from workstations to conveyors, screens, handling trucks and means of access. In combination, we also build complete production lines, including automated and robotised lines.*

*We have been working with thousands of Customers for over 30 years, from very small businesses to Major Groups, in the PRODUCTION and INDUSTRY sectors, LOGISTICS and DISTRIBUTION, and at E-COMMERCE OPERATORS.*

*Our applications meet the performance challenges of industrial facilities and flows, by improving ERGONOMICS and SAFETY as much as AGILITY and PRODUCTIVITY. We are proud to assist you towards the FACTORY OF THE FUTURE, particularly because our solutions incorporate the range of SHERPA® mobile and collaborative robots.*



## Our company :



**We are passionate about INDUSTRIAL**

Workers, plants, industrial products



**We are responsible towards ENVIRONMENT**

Cleanliness, recycling, sorting of waste



**We are aware of economic & social RESPONSABILITY**

Local presence, health and safety, youth training, employment



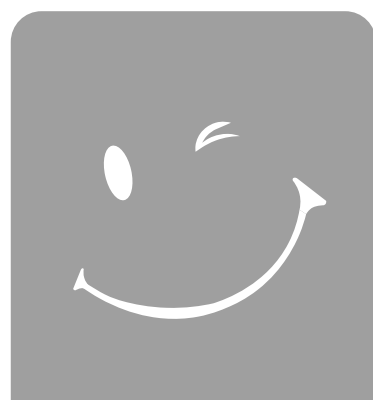
## We have convictions and values:



**TEAM SPIRIT**



**CUSTOMER FOCUS**



**PLEASURE AT WORK**

## A solid history in 3 main phases



Creation of expertise and a brand

### Phase 1 : 1987-2014

- 1987 : creation
- Base = profiles and screens
- 1<sup>st</sup> conveyor ranges
- 1<sup>st</sup> Export sales
- Creation of GmbH
- Buy-out of Metrikal
- Stock market adventure
- ISO 9001 V2000
- Launch of the Carenal range
- 2012: death of the founder Paul Hannes
- July 2014: transfer/takeover of S. FAUTH and 4 Managers



Industrial excellence, innovations, export

### Phase 2 : 2014-2019

- Strategy refocused on SOLUTIONS
- Visual signature renewed
- Metrikal becomes NORCAN Hispanica
- Creation of NORCAN Polska and NORCAN Maroc
- Launch of an INNOVATIONS office
- 1<sup>st</sup> SHERPA® prototype
- Tests on a few distribution products
- NORCAN enters the SME4 accelerator
- Mark of 100 people and €20m turnover reached
- Buy-out of LP Innovation



4.0 solutions and "Live" solutions

### Phase 3 : 2019-2025

- Creation of SMR by partial injection of SHERPA® assets
- Launch of the "rapid connection"
- COVID pandemic
- Preparation for the Factory 4.0 revolution
- Inclusion of the SHERPA® range in the catalogue
- New range of conveyors
- Digital transition
- Transformation of the sales machine
- Export Partnerships

## NORCAN in a few figures

# #1

Leader in France and one of the key players in Europe considering solutions based on aluminium profiles

# 140

Employees in France (head office), Germany, Spain, Poland, Morocco, Sweden

■ 5 SUBSIDIARIES  
■ 5 PARTNERS

# 1987

30 years of experience

# 15

Foreign countries worldwide (5 subsidiaries, 5 partners)

# 21Mi€

Annual turnover

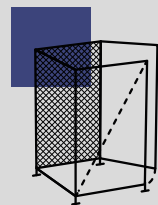
# 3 500

Applications per year

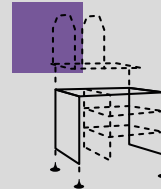


*Let's create efficient and appropriate workplaces!*

5 application families with the option to combine them all



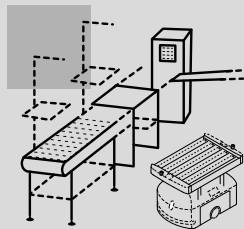
Machine frames  
and housings



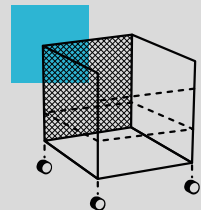
Workstations and  
technical furniture



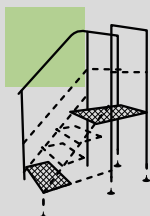
Material flows  
and conveyors



... full installations  
integrating mobile robotics



Trolleys & carts,  
material handling



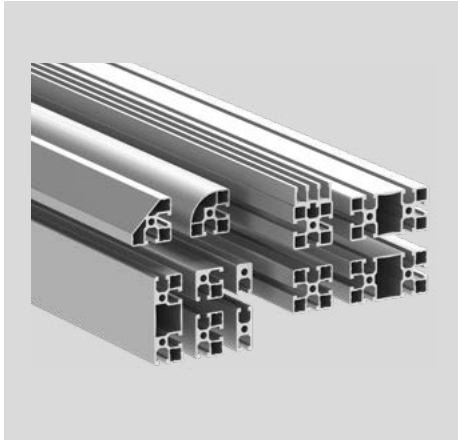
Access platforms,  
gangways and steps





## We have developed our own mechanical system\* mainly based on aluminium profiles

A system combining 3 types of techniques which is simple, robust , modular and economic ...  
and which enables NORCAN to offer an infinite number of customized SOLUTIONS



Aluminium profiles



ABS coated pipes



Conveyor components

*\* industrial mecano : tailor made applications using standard components*

### We pay special attention to requirements for:

**ERGONOMICS:** movements and postures, eliminating pain and risks in transport of loads

**EFFICIENCY AND PRODUCTIVITY:** tailor-made equipment suited to the tasks to be performed, focused on added value, freeing the hands of logistics technicians and order pickers

**AGILITY AND FLEXIBILITY:** fluidity or even mechanised handling of parts and materials, replacement of fixed and dedicated equipment by mobile and configurable equipment, more space and flexibility by tending towards "one piece flow"

**MODULARITY:** adaptability to future changes of dynamic environments

### Around our solutions: 4 types of services

#### PARTS & COMPONENTS\*

Profiles  
Tubes  
Accessories  
Conveyor components

#### APPLICATIONS according to drawings

Kitted  
Pre assembled  
Assembled in  
our workshop  
Assembled on  
customer sites

#### FULL INSTALLATIONS

Assembly lines  
Transfer or  
production lines  
Packaging  
workstations and  
areas  
Specialized  
production cells  
Integration of the  
Sherpa range  
of mobile &  
collaborative robots

#### SPECIFIC SERVICES

Securing  
machines areas  
Specific  
industrial design  
activities  
Service related  
to the integration  
of the Sherpa  
range of robots

## Our strengths



### OUR TECHNICAL SALES ENGINEERS

they are fully dedicated to your projects, evaluating your needs and providing specific solutions to your problems.

12 in France, Germany and Swiss,  
+ 2 or 3 in each subsidiary



### OUR TECHNICAL TEAMS

they are reliable and creative, they capitalize on our experiences and they support you in your projects.

Over 20 people in Haguenau-France  
+ 2 or 3 per subsidiary



### OUR OWN INDUSTRIAL MACHINERY

we have our own MECHANICAL SYSTEM which is simple, robust, universal, economic.

60 profiles and over 1.000 accessories



### 35 YEARS OF EXPERIENCE

and applications over thousands of customers.



### OUR INDUSTRIAL FACILITIES AND PARTNERS

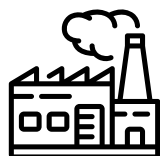
high quality level, reliability, proximity and quick delivery times.

5 subsidiaries and 5 foreign partner

### AND MUCH MORE ...



We've been supporting thousands of Customers for over 30 years



IN PRODUCTION AND INDUSTRY



LOGISTICS AND RETAIL

#### Car industry



#### Aeronautics



#### Defence



#### Other industries



#### Railways



#### Pharmaceutical



#### Cosmetics



#### Research



#### Food industry



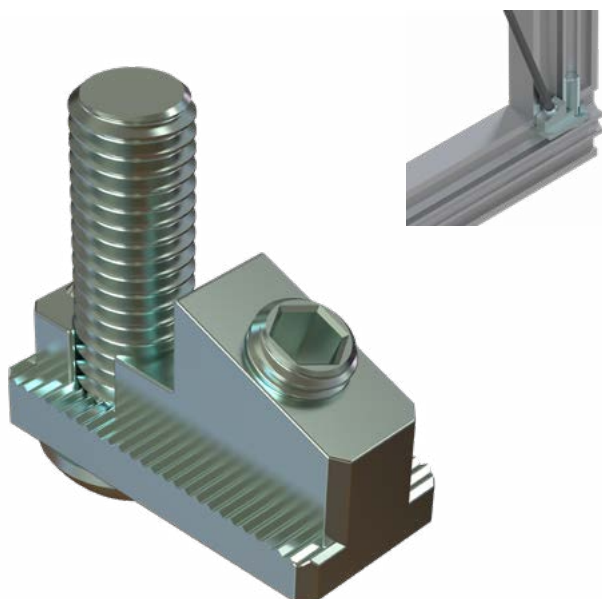
BY OPERATORS OF E-COMMERCE



# NORCAN innovates continually to meet your changing expectations

## Anti-rotation adjustable coupling

Enables a profile to be attached perpendicularly to the groove of another NORCAN profile. No need to drill the profiles, quick and easy to fit.



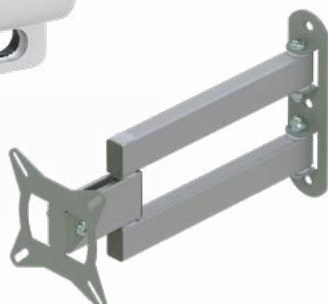
## Machining-free coupling

Enables two NORCAN profiles to be attached at right angles by their grooves.



## A complete range of accessories

Practical and adapted to NORCAN aluminium profiles, they contribute to ergonomics in the working environment





# New range of conveyors

## ZPA (Zero Pressure Accumulation) conveyor

Modular system of rollers and gearmotors for intelligent and automated handling of loads



### And many more ...

Panel mounting bracket



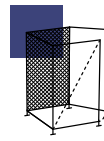
Sitting/standing tables and desks



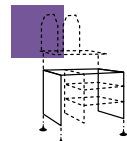
# SHERPA, or how better to support our customers towards Factory 4.0

**NORCAN**  
UNLIMITED CREATIVE SOLUTIONS

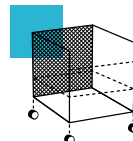
Historical



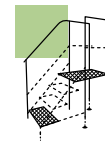
Machine frames and housings



Workstations and technical furniture



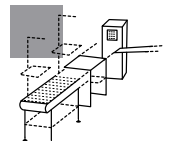
Trolleys & carts, material handling



Access platforms, gangways and steps



Material flows and conveyors



... specialized production cells and full installations

**SHERPA**  
MOBILE ROBOTICS

Innovation outcome



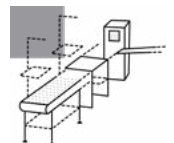
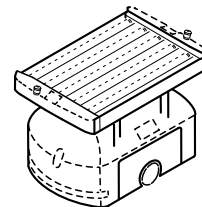
Play video

Feeding workstations and technical furniture with parts

Extension of our range of trolleys and carts

Ensures transfer of parts

Integration of the Sherpa into a complete line



... specialized production cells and full installations

## A range of complementary, collaborative and mobile robots

### SHERPA-B



Single tray



Single side conveyor  
(bin 800x600 mm)



Double side conveyor  
(2x bins 600x400 mm)



Front conveyor  
(bin 800x600 mm)



Conveyor or tray  
with bin lift

### SHERPA-P



Single tray



Pallet lift  
(Euro-pallet 1200x800mm  
& US 1200x1000mm)



Lift table  
(in progress : for 2021)

### SHERPA-M



Multifunction indoor  
and outdoor  
(in progress : for 2022)

### SHERPA-T



Towing robot for  
bases and carts  
(in progress : for 2022)

## An AMR family with top technological setups

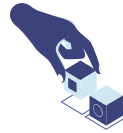


### SAFE

PLd\* level certified : safe alongside people, obstacles and transported material

Equipped with obstacles avoidance function, reversible to adapt to narrow routes

*Design reference : ISO 3691-4 and VDA 5050*

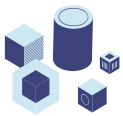


### COLLABORATIVE

Able to combine «follow-me» and «autonomous» and to operate in fleet management

Less pain, more ergonomics and less non value-added tasks, brings more flexibility, streamlines flows

*Improved learning and interactions between Man and Machine*



### INTUITIVE

Plug & Play : requires no changes neither to existing facilities nor to customer's IT systems

Easy to setup and operate, simple user interfaces



### MULTIPURPOSE

Options adapted to a large spectrum of use cases, sold complete and ready for use

Customers are keeping control to adapt configurations and missions by themselves

## Many benefits for our customers



Less pain and risks in the transport of loads



Much more productivity through the drastic reduction of low value-added tasks



Greater flexibility and space savings by tending towards the «one-piece-flow»

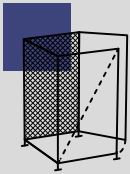


Allows innovative transformation to factories 4.0

**In short : high operative and economical profits for our customers**

**Return on Investment : 12 to 18 months**



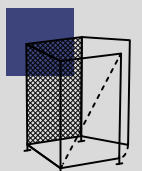


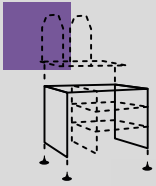
Machine frames  
and housings

Protecting people and machines, maintaining equipment  
and its components (machine frame, chassis, structures).





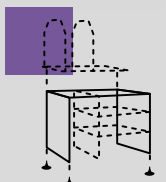




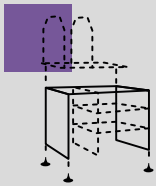
Workstations and  
technical furniture

Receiving, checking, producing, packing and shipping.  
Ergonomics and efficiency at work, increased productivity.







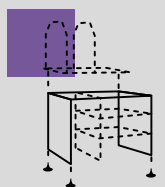


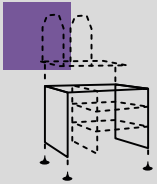
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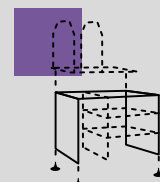




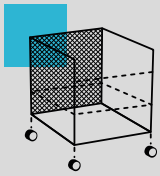
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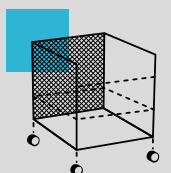


Trolleys & carts,  
material handling

Transporting, preparing, collecting, separating, handling.  
Less pain and risks in the transport of loads.







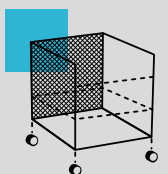


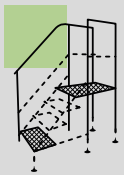
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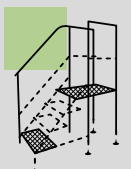


Access platforms,  
gangways and steps

Safe access to a work area at height.  
Solutions ideally suited to your environment.







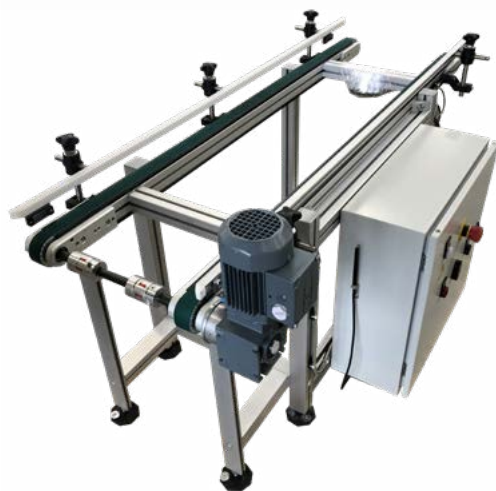
Access platforms, jangways and steps





Material flows  
and conveyors

Transport of products and goods continuously on predetermined paths and optimise your internal flows.







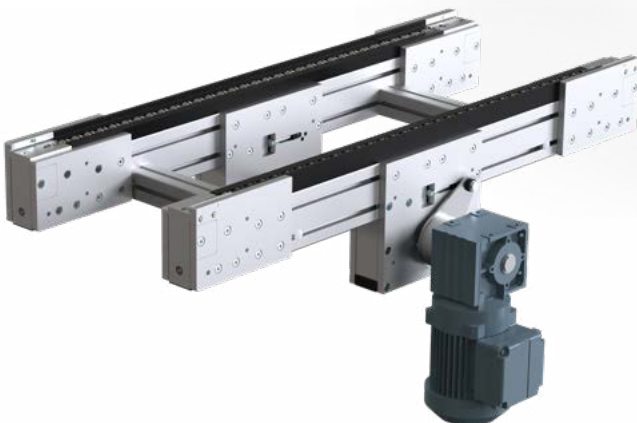
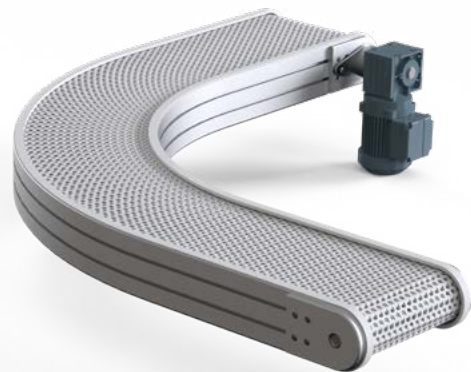
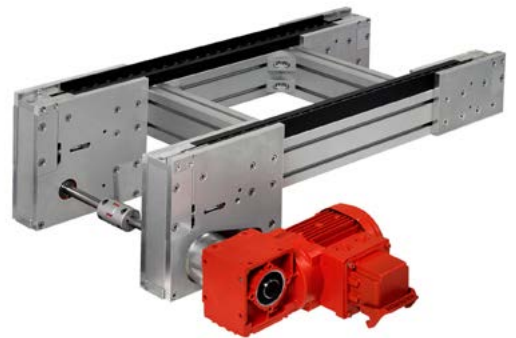
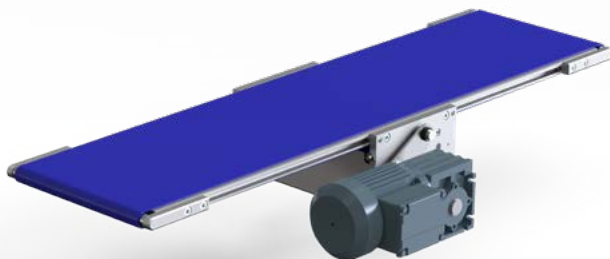
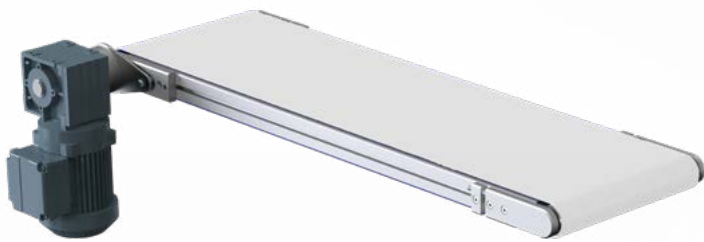


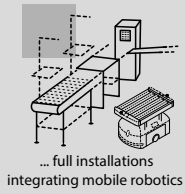
Material flows  
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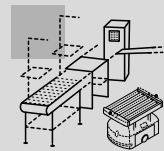
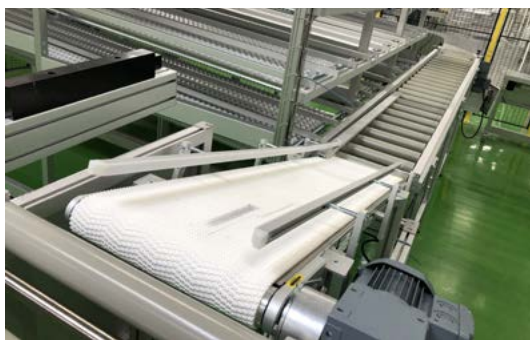
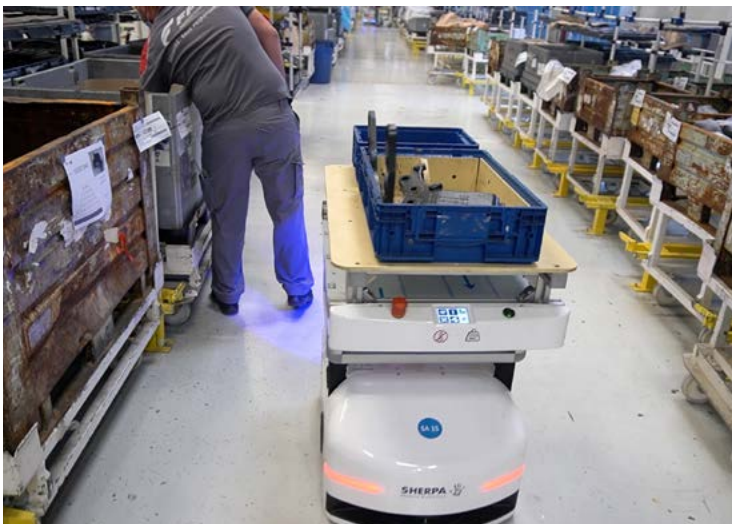




Benefit from 35 years of NORCAN experience to carry out your complete integrations, including mobile robotics.







... full installations  
integrating mobile robotics



## NORCAN

### NORCAN FRANCE

48 rue des aviateurs  
BP 60120  
F-67503 HAGUENAU Cedex  
+33 3 88 93 26 26  
info@mynorcan.com

### FILIALES • SUBSIDIARIES • TOCHTERGESELLSCHAFTEN

#### NORCAN DEUTSCHLAND

Dreherstrasse 3  
D - 76437 RASTATT  
+49 72 22 83 00 41  
info@mynorcan.de

#### NORCAN HISPANICA

P.I. SUD - Av. Valles, 38  
E - 08440 CARDEDEU  
+34 938 444 310  
info@mynorcan.es

#### NORCAN MAROC

Ilôt 26B, Bâtiment D1 RDC  
Tanger Free Zone  
MA - 90000 TANGER  
+212 539 401 297  
info@mynorcan.ma

#### NORCAN POLSKA (SMR)

ul. Piłsudskiego 77,  
PL - 32-050 SKAWINA  
+48 12 258 70 60  
info@mynorcan.pl

#### LP INNOVATION (NORCAN SVERIGE)

Bergsbrunnagatan 11  
SE - 753 23 UPPSALA  
+46 18 14 52 14  
info@lpinnovation.se

### PARTENAIRES • PARTNERS • PARTNER

#### BACRON BV

Telgenweg 30  
8111 CM HEETEN  
+31 572 380 543  
info@bacron.nl

#### INTERNATIONAL PROCESS CONCEPT

Rue des Entrepreneurs  
Zone Industrielle Charguia 2  
TN2035 TUNIS  
+216 31 39 81 50  
contact@process-concept.com

#### LMI SOLUTIONS LTD

Unit 2, Kirkless Industrial Estate  
Cale Lane  
WILGAN, WN2 1 HQ, UK  
+44 1942 82 00 88  
sales@lmiltl.com

#### PROFICAN OY

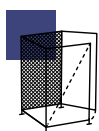
Marjakankaantie 9 B  
FI-85100 KALAJOKI  
+358 2 533 1900  
info@profican.fi

#### TCI ENGINEERING S.A.

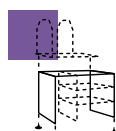
Chemin du Montillier 4  
1303 PENTHAZ, Suisse  
+41 21 863 05 10  
tci@tci-engineering.ch

## About NORCAN

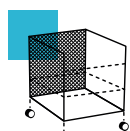
Founded in 1987, NORCAN is leader in France and one of the key players in Europe considering customized mechanical solutions based on aluminium profiles. NORCAN produces several thousand applications per year through its main site in Alsace, subsidiaries and a network of partners abroad. In addition, NORCAN integrates the SHERPA® range of mobile and collaborative robots. For more information, please visit our website at [www.mynorcan.com](http://www.mynorcan.com).



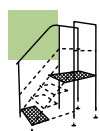
Machine frames  
and housings



Workstations and  
technical furniture



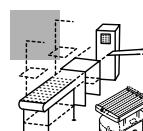
Trolleys & carts,  
material handling



Access platforms,  
gangways and steps



Material flows  
and conveyors



... full installations  
integrating mobile robotics