

LEANDYNAMIC



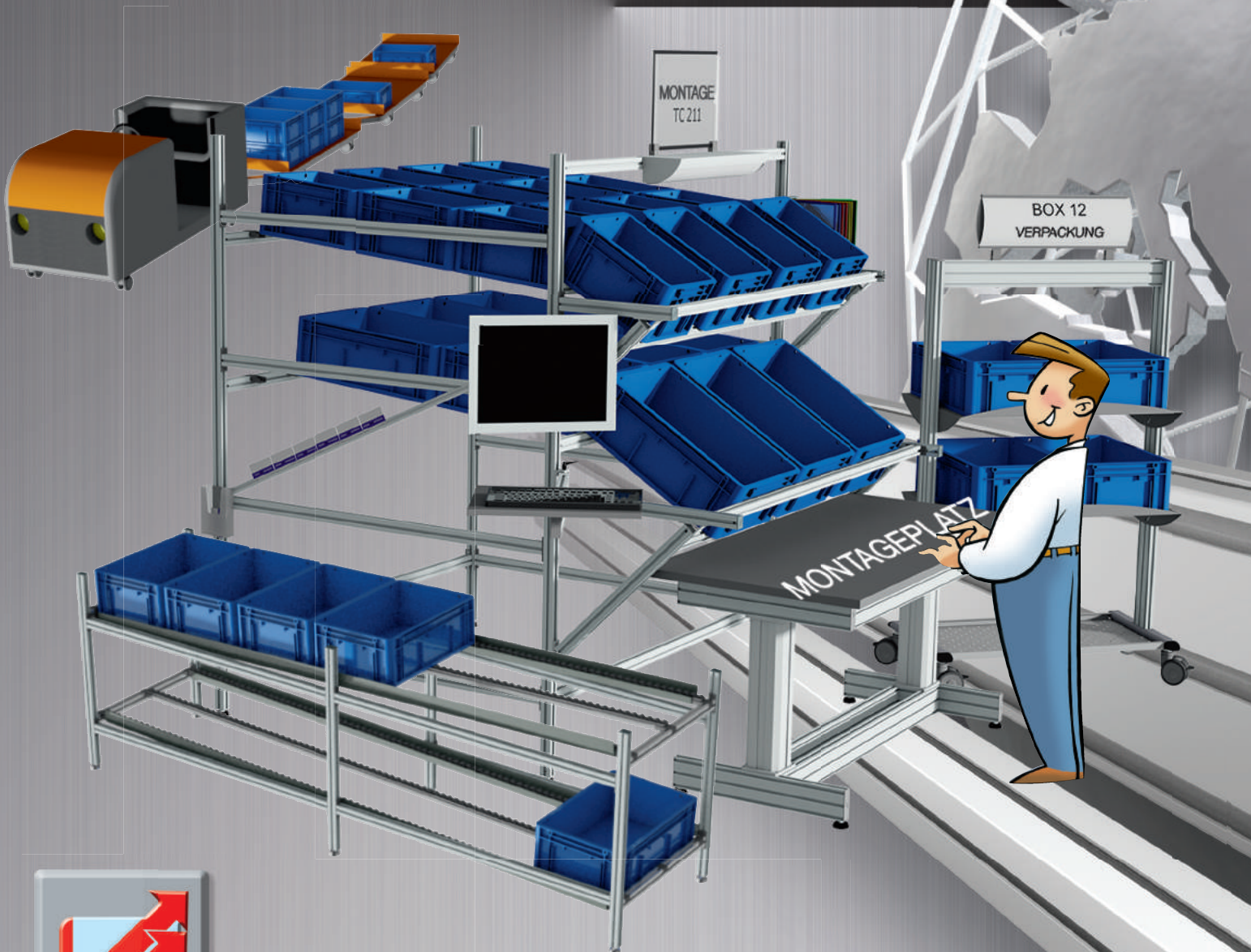
Le stockage dynamique universel



The universal dynamic storage



Die universelle dynamische Lagerung



Edition N°5

Editorial

In October, 1990, Jean-Paul Lerailler founded SESA SYSTEMS with for mission and objective: the organization of the quality in production. As front runner, he created and developed innovative products which have revolutionised the work of the operators with the first QUALITY POINTS and IT protection stations. Then he created the SESA SYSTEMS Concept dedicated to the LEAN Manufacturing tools with the originality of the Aluminium design. Its innovative products are internationally recognized by 8 patents and 240 registered designs.

As world leader in LEAN Enterprise, SESA SYSTEMS delivers products around the world, to a number of industrial sectors. 2018 discover our innovative program Industry 4.0!



Founding Director General

Follow me on

OUR REFERENCES



Automobile

Citroën, Peugeot, Renault, Ford, Opel, Toyota, Porsche, Mercedes, Volkswagen, BMW, Rolls Royce, Ducati, Jaguar, Alpine



Equipment manufacturers

Valéo, Faurécia, Hutchinson, Delphi, TRW, Autoliv, Michelin, Continental, SKF, Bosch, Mahle, Getrag, Lear, JTECK



Aeronautics

Airbus Group, Air France, Safran, UTC, Daher, Dassault, Stélia, Rolls Royce, Zodiac, Lisi, Latécoère



Army

Nexter, CEA, DCNS, Thales, MBDA, DGA



Metallurgy

Vallourec, Alstom, Arcelor Mittal, Constellium, Arconic, Forges de Bologne



Plastic

Plastic Omnium, Dupont de Nemours, Solvay Automotive, Mecaplast, ARaymond



Construction industry

Saint Gobain, Lafarge, Placoplatre, Rocamat, Supra, Soletanche



Electricity

Schneider Electric, Hager, Legrand, Philips, Axon, 3M, General Cable, EDF, Nexans



Chemistry

Bayer, BASF, Akzo Nobel, Unilever, Reckitt Benckiser, Procter & Gamble



Medical

Sanofi, Fresenius, Boiron, Merial, IPSEN, Boehringer, Servier, Pierre Fabre, GSK, Molnlycke



Packaging

Aptar, Greif, Crown-Cork, Knauf, Smurfit Saica Pack, Tetra Pack, Continental Can



Food industry

Danone, Heineken, Orangina, Vittel, Mc Cain, Nestlé, Coca-Cola, Kraft Foods, Mars, Ferrero, Mondelez



Cosmetics

L'Oréal, Yves-Saint-Laurent, Paco Rabanne, Chanel, Christian Dior, Bourjois, Guerlain, Jacomo



Transportation

FM Logistic, RATP, SNCF, La Poste, DAHER, Geodis, TNT, Keolis, BRINKS, XPO



Service industry

Generali, Caisse d'Épargne, Société Générale, BNP, ISTA, AXA, MMA, Banque de France



Sommaire Summary Seitenübersicht

- Page 2/4 : SESA SYSTEMS Concept
- Page 5/7 : Présence internationale-[International sales force and an autonomous integrated production](#) –
[An interantionale Handelskraft](#)
- Page 8/10 : SESA SYSTEMS MONDIAL LEADER of LEAN MANUFACTURING
- Page 11/12 : Sommaire & Objectifs-[Summary & Objectives](#)-[Seitenübersicht & Ziel](#)
- Page 13 : Gain apporté par les rayonnages dynamiques-[Gains afforded by dynamic racking](#)- [Die Vorteile der dinamische Lagerung](#)
- Page 14 : Réduire les stocks et l'espace utilisé- [Reducing stocks and space](#)-[Reduzierung der Vorräte und des Platzbedarfs](#)
- Pages 15 : Avantages – [Advantages](#)- [Vorteile](#)
- Page 16 : Construction - [Aufbau](#)
- Page 17 : Articles-[Artikeln](#)
- Page 18/20: Applications-[Anwendungen](#)
- Page 21 : LEANDYNAMIC 3 D
- Page 22 : Fixations et outils-[Fasteners and tools](#)-[Werkzeuge und Befestiger](#)
- Page 23/25: Composants-[Components](#)-[Komponenten](#)
- Page 26 : Accessoires-[Accessories](#)-[Zubehör](#)
- Page 27 : Principe de fonctionnement –[operating principle](#) - [Funktionsweise](#)
- Page 28/31 : Structures -[Gestelle](#)
- Page 32 : Specifications-[Spezifikations](#)
- Page 33/34: LEANFLASH Gamme-[Range](#)-[Palette](#)
- Pages 35/36: Les chariots porte-bacs -[The picking trolleys](#)- [Pickings Anrichtetisch](#)
- Page 37 : L'excellence du LEAN – [LEAN excellence](#)
- Pages 38/40 : QUALIPOST
- Pages 41/48 : QUALIPOST Accessoires-[Accessories](#)-[Zubehör](#)
- Pages 49/50: Sièges et tabourets- [Seats and stools](#) -[Stühle und Hocker](#)-
- Page 51 : Liste des articles –[Article list](#) - [Artikleliste](#)

FROM DESIGN TO DELIVERY

SESA SYSTEMS relentlessly pursues its search for innovative solutions, designed and made in France and delivered worldwide. Its R&D centre comes up with **over 150 entirely new products every year**. **Since 1990, the number of exclusive references at the service of our customers' ever increasing industrial performance has grown to 2350**, and they are all made in France.

Undisputed leader in Lean Manufacturing, SESA SYSTEMS operates a logistics platform to handle home and worldwide shipments. Its **new e-business site** features a catalogue of innovative solutions with online order management, enabling more effective use of your time. Our advisers are available to listen to specific problems, propose adequate solutions, or simply to give advice and progress reports.

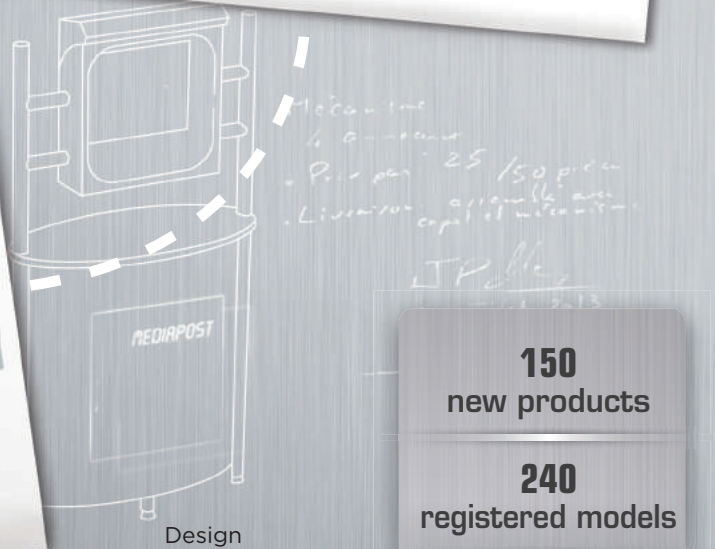
Last but **not least is the 300 square metre SESA SYSTEMS ACADEMY**, a brand new space dedicated to companies who wish to discover our products in industrial situations so that we can join forces in building the industrial company of the future type Industrie 4.0..



R & D



CONCEPTION



Design

J.P. Lerailler

150
new products

240
registered models

8
patents



DELIVERY



PRODUCTION



SESA SYSTEMS / Design JP Lerailleur



En période de crise, pour continuer d'être performante, l'entreprise doit **adapter son activité rapidement** à un environnement tendu **sans avoir recours systématiquement à l'investissement**.

Initialement mis au point par Toyota, Le **LEAN**, littéralement « mince », « maigre », lie la **performance** (productivité, qualité) à la **souplesse d'une entreprise**, qui doit être capable de reconfigurer en permanence l'ensemble de ses processus (réactivité industrielle).

Les tenants du LEAN recherchent la **performance** par l'**amélioration continue** et l'amélioration continue par l'**élimination des gaspillages, MUDA** en Japonais.

Parmi les principales activités d'amélioration, cette stratégie montre l'efficacité :

- Des analyses de Flux
- De la production en Flux tiré et l'ancrage du Kanban.
- De la mesure de la performance opérationnelle.
- De la production en qualité.
- De la réduction constante des 7 types de gaspillages (MUDA).
- Du management visuel.
- De l'ordre et la propreté (5S).
- De la réduction des temps des changements de série (SMED).

L'**accroissement du niveau de qualité** du processus de travail se traduit par la **diminution du nombre d'erreurs, de retouches, et de rejets**. D'où une moindre utilisation des ressources de l'entreprise, et donc une réduction du coût total des opérations.



Adherents to LEAN practices seek **performance** through **continual** improvement, and continual improvement by **eliminating waste**, or as the Japanese say, **MUDA**. Among the main improvement activities that this strategy shows the effectiveness of are

- Flow analyses
- Demand driven production and anchoring of the Kanban
- Measurement of operational performance
- Quality production.
- Ongoing reduction of the 7 types of waste (MUDA).
- Visual management
- Order and cleanliness (5S).
- Reduction in production changeover times (SMED).

The **growth in the quality level** of the work process is seen as a **decrease in the number of errors, reworks, and rejects**. This leads to a reduced demand on the companies resources and a consequent reduction in the total cost operations.

STOCKAGE STANDARD - BASIC STORAGE - STANDARD-REGALEN

QUALITE-QUALITY-QUALITÄT



- Pièces non protégées stockées sur le dessus des palettes pour gain de place
Isolated Unprotected parts stored on the top of pallets to save space
- Dispersion du stockage des produits (réf identique)
Dispersion of products in storage (with the same reference)
- Non-respect du FIFO dans le magasin.
FIFO not observed in the stores
- Risque de mélange de pièces suite chute de composants d'un étage supérieur
Risk of mixing parts up due to components falling from the shelf above
- Suite incident qualité : tri des pièces difficile car dispersion dans les palettes
Difficulty sorting after quality incidents due to parts being dispersed in the pallet racks

COUTS-COSTS-KOSTEN



- Cariste indispensable pour la manutention
Forklift driver needed for handling
- Location d'un chariot à fourche plus chère que celle d'un chariot pour tracteur un train
FLT hire more expensive than that of a tow cart
- Moyens informatiques indispensables pour la gestion des emplacements et la saisie.
Computers indispensable pour for managing store locations and data entry

DELAI-LEAD TIME- LIEFERZEIT



- Perte de temps à la montée et à la descente d'une palette (45 s) Temps passé à la gestion du tableau FIFO.
Time lost raising and lowering a pallet (45s). Time spent managing the FIFO chart.
- Temps de rangement des marchandises fixé par le nombre de chariots élévateurs disponibles
Time taken to store goods determined by the number of available forklifts
- Inventaires des produits stockés en hauteur uniquement par les caristes
Forklift drivers needed for stocktake of goods stored at a height
- Approvisionnement des lignes de production dépendant du cariste
Production line input totally dependent on forklift driver

SECURITE / ENVIRONNEMENT SAFEY / ENVIRONMENT SICHERHEIT / UMWELT



- Palettes formant un mur dans l'usine coupant la communication entre le personnel du magasin et de la production
Pallet racks form walls inside the factory, hindering communication between store staff and production staff
- Risques d'accidents causés par manque de champ visuel des caristes
Accident risks due to forklift drivers' limited angle of vision
- Risque de chute de palettes lors de leur manutention.
Risk of pallets being dropped when handled
- Détérioration de l'environnement par les chariots élévateurs
Deterioration of the environment by forklifts

RAYONNAGES DYNAMIQUES DYNAMIC RACKING

DYNAMISCHE LAGERUNG

- Stockage des produits sur des rollers au sol ou sur wagon
Products stored on roller skates or trolleys
- Stockage stable des pièces en contenants adaptés
Stable storage of parts in well conceived containers
- Gestion aisée des références et des lots
Easy management of references and batches
- Stockage dynamique en pied de ligne permettant de circonscrire la non-qualité
Dynamic line-side storage allowing quality issues to be properly contained

- Manutentions simplifiées- *Easy handling- Handling vereinfacht*
- Stockage facilité - *Easy storage function - Erleichterte Lagerung*
- Allocation fixe et visuelle par stockage à plat
Fixed visual location due to no high storage
- Formation rapide-*Quick training - Schnellausbildung*
- Polyvalence-*Versatility - Vielseitigkeit*

- FIFO
- Stockage à plat des produits permettant à tous de faire les inventaires
No high storage of goods, enabling anyone to stocktake
- Produits accessibles par tous.
Everyone can reach the parts

- Champ visuel dégagé grâce au stockage à plat.
No high storage means full peripheral vision
- Stockage en rollers et palettes dynamiques ne présentant plus de risque de chute
Storage on roller skates and mobile pallet racks puts a stop to the risk of falling goods
- Manutention facilitée par les rayonnages et les contenants
The racks and containers promote easier handling

GAIN-VORTEIL

- Qualité produit-*Products Quality*
Produkten Qualität
- Productivité-*Productivity - Produktivität*
- Fiabilité-*Reliability- Zuverlässigkeit*
- Concentration- *Konzentration*
- Visibilité- *Visibility- Sichtbarkeit*
- Image de l'entreprise- *company's image- Firmenimage*
- Responsabilisation-*Accountability*
Verantwortlichkeit

- Coûts de gestion des stocks-
Inventory Costs- Bestandskosten
- Coûts de manutention - *handling costs-Bereitstellungs Kosten*
- Coûts de production-*Production Costs- Produktionskosten*
- Main d'œuvre - *Workforce Arbeitskräfte*
- Surface-*Area-Platzbedarf*
- Frais généraux - *overhead costs- Allgemeine Kosten*
- Rentabilité-*Profitability - Rentabilität*

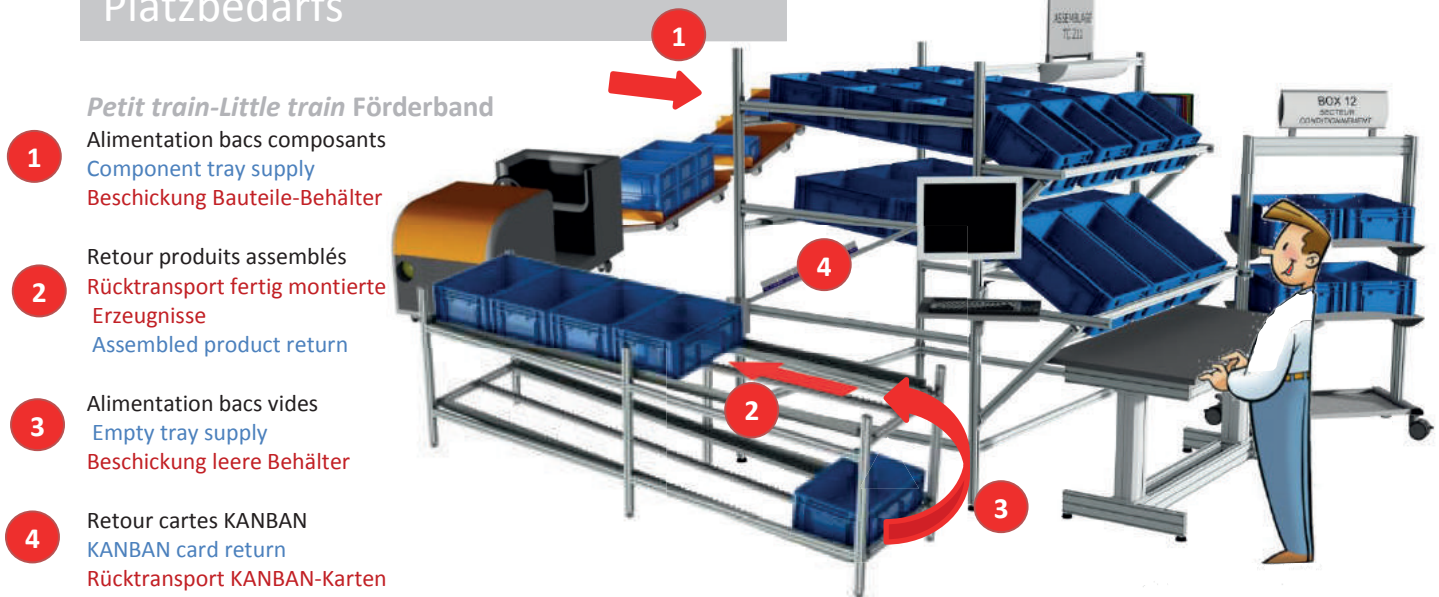
- Just-In-Time
- Temps d'attente- *Waiting time- Wartezeit*
- Efficacité-*Efficiency- Effizienz*
- Déplacements inutiles - *Unproductive travelling - unnötige Wege*
- Temps de picking-*Picking time- Pickzeiten*

- Accidents-*Unfällen*
- TMS-*MSDs- Muskel-Skelett-Erkrankungen*
- Sérénité-*Serenity - Gelassenheit*
- Visibilité- *Visibility - Sichtbarkeit*
- Motivation

LEANDYNAMIC



Réduire les stocks et l'espace utilisé
Reducing stocks and space
Reduzierung der Vorräte und des Platzbedarfs



Le nouveau **LEANDYNAMIC** correspond à un **supermarché** disposé à proximité immédiate de la ligne. De « **petits trains** » approvisionnent en petits emballages ou conteneurs avec une manutention minimum.

Le **LEANDYNAMIC** élimine les convoyeurs inutiles, réduit la longueur des lignes, incorpore les postes de travail précédemment séparés dans la ligne principale et réduit les stocks ainsi que les frais de logistique.

Toutes ces améliorations ont pour effet de **réduire la surface nécessaire** et de **réserver les espaces dégagés** pour une **expansion future**.

La priorité est donnée à la **productivité du bord de ligne**. La personnalisation est la philosophie de **SESA SYSTEMS**. La définition du **LEANDYNAMIC** a été élaborée en s'appuyant sur notre expérience et sur une définition précise des besoins de nos clients. Tout est **paramétrable** : largeur, profondeur, hauteur, architecture... ergonomie et une gamme de postes de travail périphériques complémentaires, fruit de notre expertise internationale depuis 1990.

Le **LEANDYNAMIC** est un **système économique** et **compétitif**, très simple à étudier et à fabriquer par les personnes qui les utilisent au cœur de la production avec des besoins d'adaptation essentiels.

Le **LEANDYNAMIC** limite les « **Muda** » de **déplacement**, en mettant à portée immédiate des opérateurs les composants et les accessoires.

La large gamme des postes de travail ergonomiques **SESA SYSTEMS** **optimise** gestes et déplacements pour se concentrer sur de la **création de valeur** et **améliorer les conditions de travail avec sécurité**.

The new **LEANDYNAMIC** is analogous to a **supermarket laid out** close to the production line. "**Toy trains**" supply the line with small packaging or containers with minimum handling. **LEANDYNAMIC** eliminates conveyor overkill, reduces the length of the lines, incorporates previously separate workstations in the main line, and reduces required stock levels along with logistical costs.

The effect of all these improvements is to **reduce the required floor area**, making the **freed space available for expansion** in the future.

Priority is given to **line-side productivity**. **SESA SYSTEMS** practices a philosophy of customization. The **LEANDYNAMIC** definitions have been evolved by drawing on our broad experience and on a precise definition of our customers' requirements. **Everything is configurable**: width, depth, height, architecture, ergonomics, and a range of ancillary workstations, all the fruit of our international expertise acquired since 1990.

LEANDYNAMIC is an **economical, competitive system** that is very simply to design and assemble by the people who use it at the core of their production, with essential requirements for its adaptation.

LEANDYNAMIC limits the "**Muda**" of **movement** by placing components and accessories right next to the operators.

The wide range of **SESA SYSTEMS** ergonomic workstations **optimises** motion and travel allowing the production department to focus on **value creation** and on the **improvement of work and safety conditions**.

Das neue **LEANDYNAMIC-System** ist wie ein **Supermarkt**, der unmittelbar neben der Fertigungslinie steht. „**Kleine Züge**“ versorgen das System mit Kleinpackungen oder Behältern mit minimalem Handling.

Mit **LEANDYNAMIC** entfallen unnötige Fördersysteme, wird die Länge der Fließbänder verkürzt, werden vorher getrennte Arbeitsstationen in die Hauptfertigungslinie integriert und die Vorräte verringert sowie die Logistikkosten gesenkt.

Alle diese Verbesserung haben zur Folge, dass weniger Fläche nötig ist und dass der freigewordene Raum für die zukünftige Expansion genutzt werden kann.

Der Produktivität im Bereich der Fertigungslinie wird Vorrang eingeräumt. Die Philosophie von **SESA SYSTEMS** zielt auf Personalisierung. Bei der Definition von **LEANDYNAMIC** stützen wir uns auf unsere Erfahrung und auf eine präzise Definition der Bedürfnisse unserer Kunden.

Alles kann **parametriert** werden: Breite, Tiefe, Höhe, Architektur... Ergonomie und ein Sortiment von ergänzenden peripheren Arbeitsstationen, die das Ergebnis unserer seit 1990 erworbenen internationalen Expertise sind.

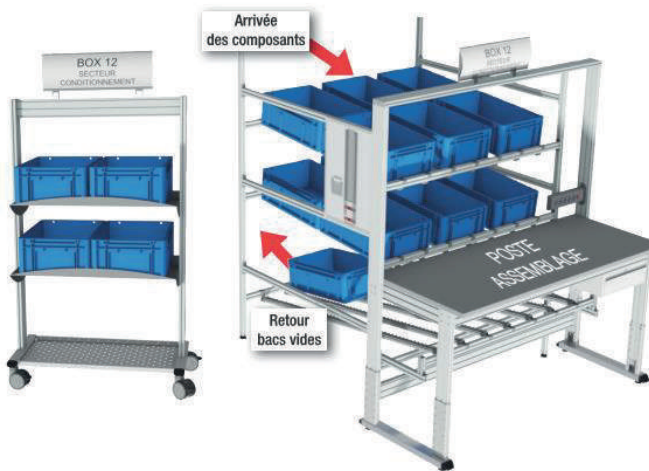
LEANDYNAMIC ist ein wirtschaftliches und wettbewerbsfähiges System, das von den Personen, die es im Zentrum der Produktion, wo es einen wesentlichen Anpassungsbedarf gibt, verwenden, ganz einfach geplant und aufgebaut werden kann.

LEANDYNAMIC reduziert die „**Muda**“ durch **Bewegung**, indem die Bauteile und Zubehörteile den Arbeitern in unmittelbarer Nähe bereitgestellt werden.

Das breite Sortiment von ergonomischen Arbeitsstationen von **SESA SYSTEMS** optimiert die Handgriffe und Bewegungsabläufe, damit der Arbeiter sich auf die Schaffung von Wert konzentrieren kann und die Arbeitsbedingungen und die Sicherheit verbessert werden.

LEANDYNAMIC

Avantages – Advantages – Vorteile



AVANTAGES :

- Utilisation de profils aluminium rainurés hautes performances, rigides, solides, flexibles, modulables, durables, sans entretien.
- Conforme au développement durable (possibilité de retraiter les matériaux)
- Etude simplifiée et conceptualisée à partir de composants universels et simples
- Rapidité d'assemblage avec seulement 2 types de connecteurs universels (pas d'usinage, pas de perçage)
- Flexibilité avec des réglages immédiats grâce aux rainures
- Robustesse (section importante des profils aluminium)
- Réponse très rapide à tous les besoins spécifiques à partir de composants standards universels avec une mise en œuvre très rapide
- Concept du LEANDYNAMIC en adéquation parfaite avec la philosophie des standards LEAN pour l'ensemble de l'usine.
- Prestation globale du projet en totalité avec un seul fournisseur SESA SYSTEMS qui apporte son expertise et tous les postes de travail périphériques nécessaires.
- Expérience et conseil depuis 1990 avec les références des plus grands groupes industriels.

ADVANTAGES:

- Use of high-performance grooved-profile aluminium sections: rigid, solid, flexible, modular, tough and maintenance free
- Simplified design using simple, universally available components
- Quick assembly using universal connectors (no machining necessary)
- Flexibility with immediate adjustment thanks to the slot-in design
- Fast response to all specific requirements using standard universal components for ultra-quick implementation
- LEANDYNAMIC concept in complete harmony with the philosophy of LEAN standards for the whole factory
- Comprehensive project service with a single supplier in SESA SYSTEMS, who provides its expertise and all necessary ancillary workstations.
- Advice and experience since 1990, with some of the biggest names in industry among its satisfied customers.

VORTEILE:

- Verwendung von gerillten Hochleistungs-Aluminiumprofilen, die steif, solide, flexibel, modulierbar, langlebig und wartungsfrei sind.
- Vereinfachte Planung mit einfachen, universellen Komponenten
- Schnelle Montage durch Universalanschlüsse (keine Bearbeitung nötig)
- Flexibilität dank sofortiger Verstellbarkeit durch die Rillen
- Besonders schnelle Antwort auf alle spezifischen Bedürfnisse durch universelle Standard-Komponenten, die sehr schnell montiert sind
- Das LEANDYNAMIC-Konzept entspricht perfekt der Philosophie der LEAN-Standards für den gesamten Betrieb.
- Komplettlösung mit einem einzigen Lieferanten, SESA SYSTEMS, der seine Expertise einbringt und alle notwendigen peripheren Arbeitsstationen liefert.
- Erfahrung und Beratung seit 1990 mit Referenzen unter den großen Industrieunternehmen.

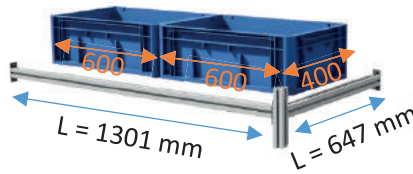


Les étapes de construction LEANDYNAMIC

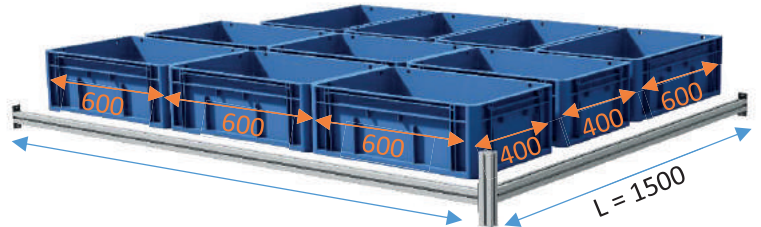
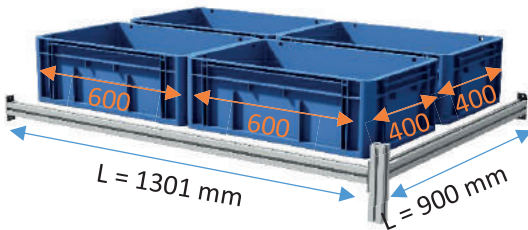


ETAPE/STEP/SCHRITT 1

Définition du nombre de bacs
Define the number of bins
Festlegung der Behälterzahl

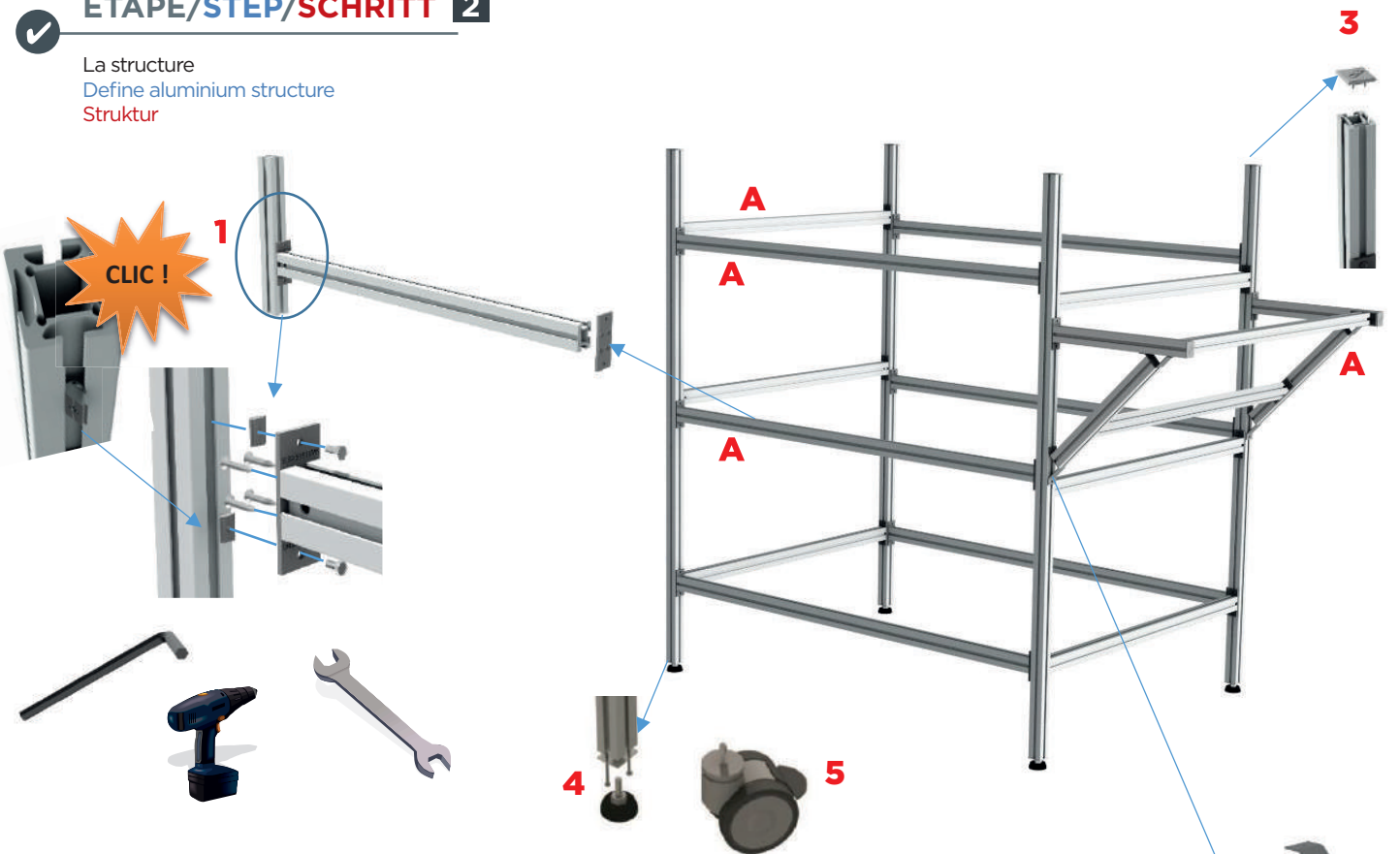


Bacs 600 mm x 400 mm
Plastic bin 600 mm x 400 mm
Plastikbehälter 600 mm x 400 mm

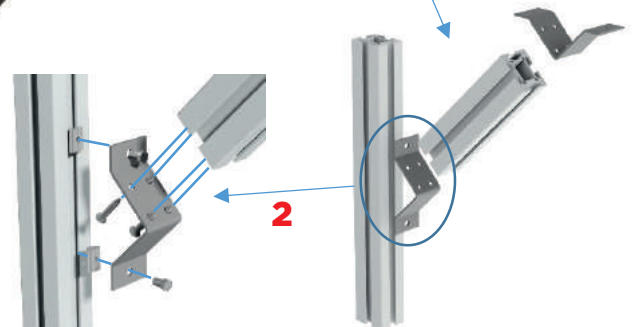


ETAPE/STEP/SCHRITT 2

La structure
Define aluminium structure
Struktur



CODE	DESCRIPTION
A 690100	Aluminium profile section 32 x 40 mm/1.25 x 1.57 Inch L 150 mm/L 5.90 Inch
A 690101	Aluminium profile section 32 x 40 mm/1.25 x 1.57 Inch L 398 mm/L 15.66 Inch
A 690102	Aluminium profile section 32 x 40 mm/1.25 x 1.57 Inch L 647 mm/L 25.47 Inch
A 690103	Aluminium profile section 32 x 40 mm/1.25 x 1.57 Inch L 900 mm/L 35.43 Inch
A 690104	Aluminium profile section 32 x 40 mm/1.25 x 1.57 Inch L 1301 mm/L 51.22 Inch
A 690105	Aluminium profile section 32 x 40 mm/1.25 x 1.57 Inch L 1500 mm/L 59.05 Inch
A 690106	Aluminium profile section 32 x 40 mm/1.25 x 1.57 Inch L 1965 mm/L 77.36 Inch
A 690107	Aluminium profile section 32 x 40 mm/1.25 x 1.57 Inch L 3000 mm/L 118.11 Inch
1 690120	Set of 4 universal connectors (with screws)
2 690121	Set of 4 angle connectors (with screws)
3 544060	Set of 8 stackable plastic cap 32 x 40 mm/1.25 x 1.57 Inch
4 544067	Set of 4 floor support adjustable feet M10
5 690130	Kit of 4 wheels with brake Ø 100 mm/3.94 Inch



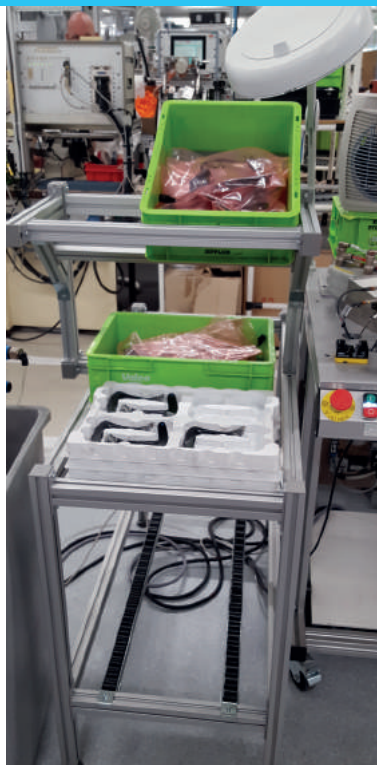
LEANDYNAMIC



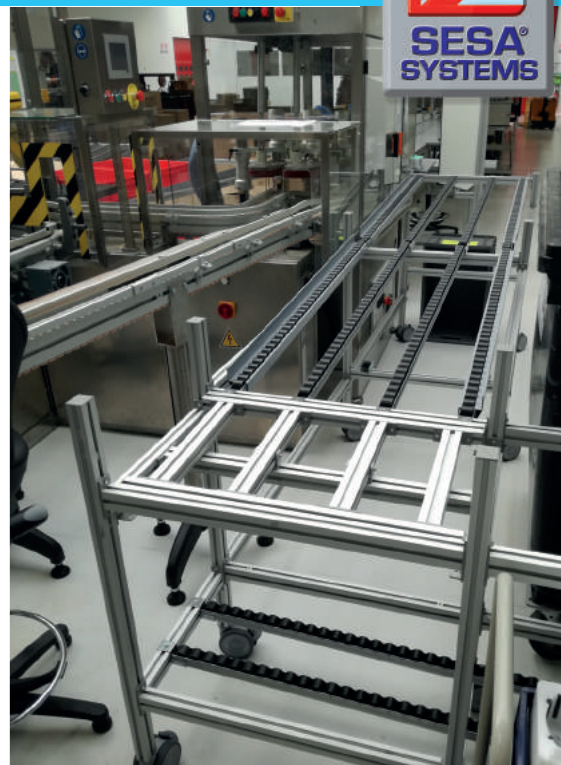
CODE	DESCRIPTION
13	690160 Height-adjustable stratified shelf L 700 x D 300 mm/L 27.55 x 11.81 Inch
13	690161 Height-adjustable stratified shelf L 1000 x D 300 mm/L 39.37 x 11.81 Inch
13	690162 Height-adjustable stratified shelf L 1370 x D 300 mm/L 53.93 x 11.81 Inch
13	690163 Height-adjustable stratified shelf L 1570 x D 300 mm/L 61.81 x 11.81 Inch
14	544064 Tilting shelf L 398 x D 400 mm/L 25.47 x D 15.66 Inch for picking
14	544071 Tilting shelf L 647 x D 400 mm/L 25.47 x D 15.75 Inch for picking
14	690180 Tilting shelf L 908 x D 400 mm/L 35.74 x D 15.75 Inch for picking
14	690181 Tilting shelf L 1309 x D 400 mm/L 51.53 x D 15.75 Inch for picking
14	690182 Tilting shelf L 1508 x D 400 mm/L 59.37 x D 15.75 Inch for picking
15	690164 Guide profile L 1500 mm/L 59.05 Inch for sliding of KANBAN badge
15	690165 Guide profile L 2200 mm/L 86.61 Inch for sliding of KANBAN badge
16	124461 PRODOC CASE A4 white with 2 straps
17	690170 Mounting bracket for board (3 straps and alu section L 398 mm)
18	690210 Towing drawbar L 450 mm with rear wheel locking kit
19	690211 Link for next trolley



Approvisionnement des composants sur ligne de production
 Supply of components on production line
 Lieferung von Komponenten für die Produktionslinie



Approvisionnement des composants sur ligne de production
 Supply of components on production line
 Lieferung von Komponenten für die Produktionslinie



Evacuation des emballages, cartons et bacs vides associée à la machine ou au poste de travail
 Removal of packaging, cartons and empty trays associated with the machine or work station
 Entsorgung von leeren Verpackungen, Kartons und Behältern in Zusammenhang mit der Maschine oder dem Arbeitsplatz



Gare approvisionnement des composants sur ligne de production
 Station Supply of components on production line
 Verteilerstation der Komponenten für die Produktionslinie



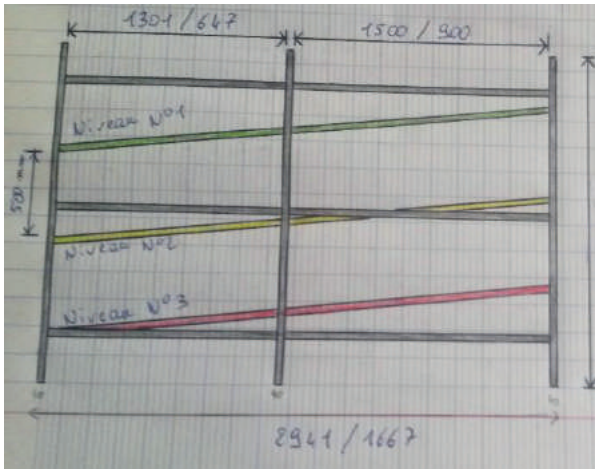
Approvisionnement des composants de conditionnement
 Supply of components on packaging line
 Lieferung von Verpackungskomponenten



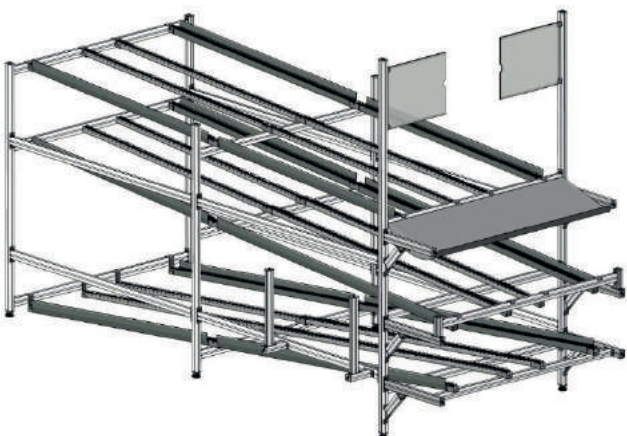
Approvisionnement des composants sur ligne de production
 Supply of components on production line
 Lieferung von Verpackungskomponenten

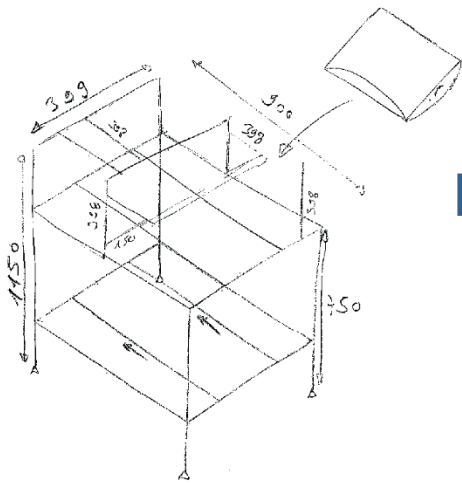
LEANDYNAMIC

Applications - Anwendungen



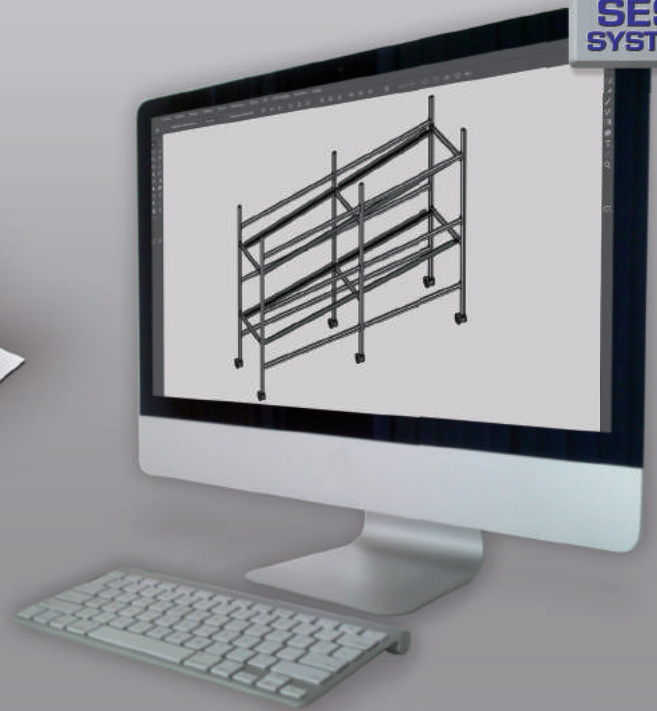
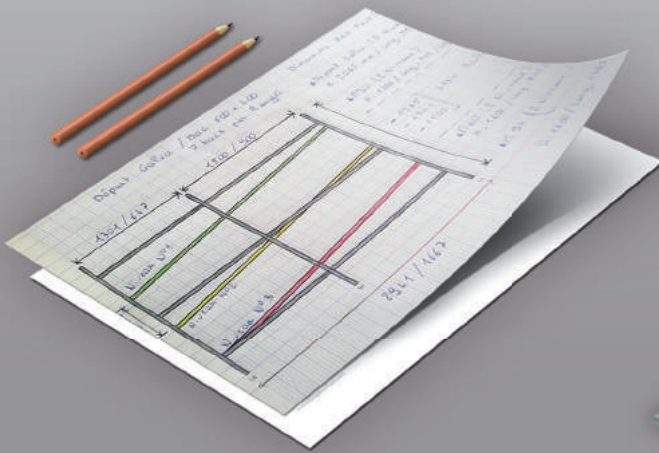
Développement des projets
Projects development
Entwicklung der Projekte



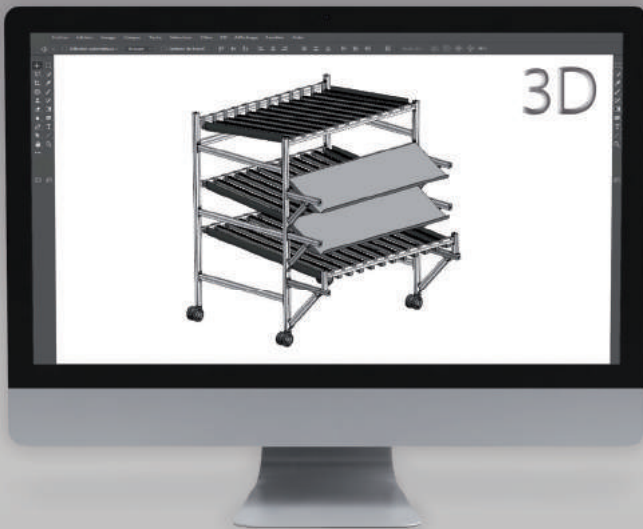


Développement des projets
Projects development
Entwicklung der Projekte





From conception ...



Leandynamic in action

... to implementation

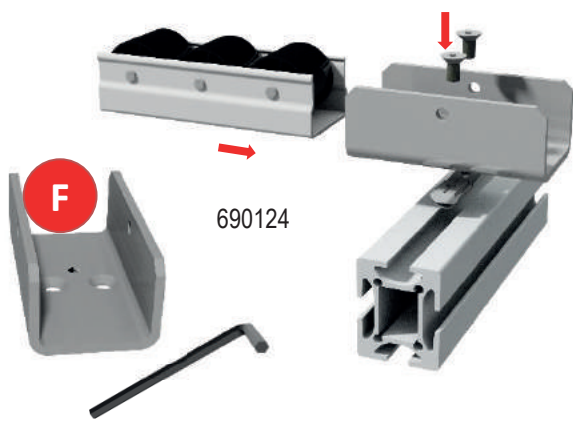


LEANDYNAMIC

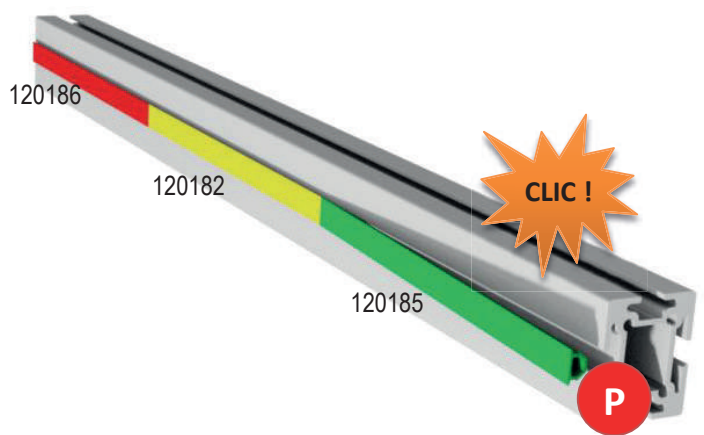
Composants-Components
Komponenten



690125



690124



120186

120182

120185

CLIC!

P



690168

690167

690166

690166 = 556 x 500 mm
690167 = 900 x 500 mm
690168 = 1200 x 500 mm



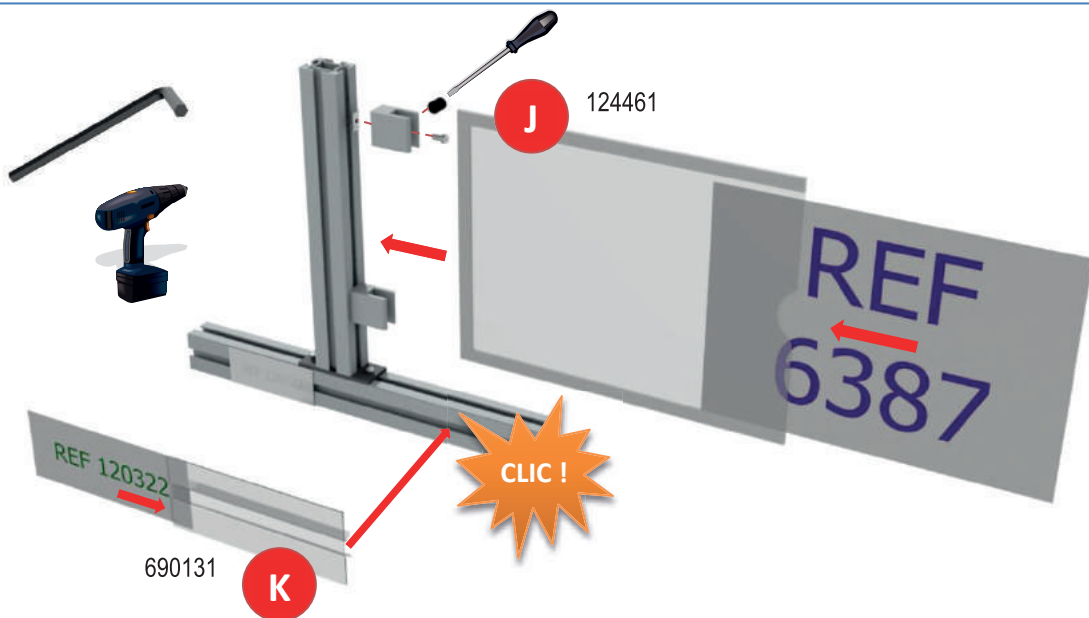
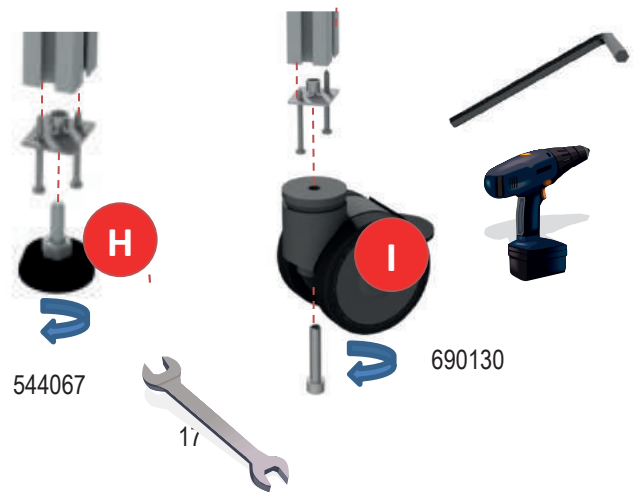
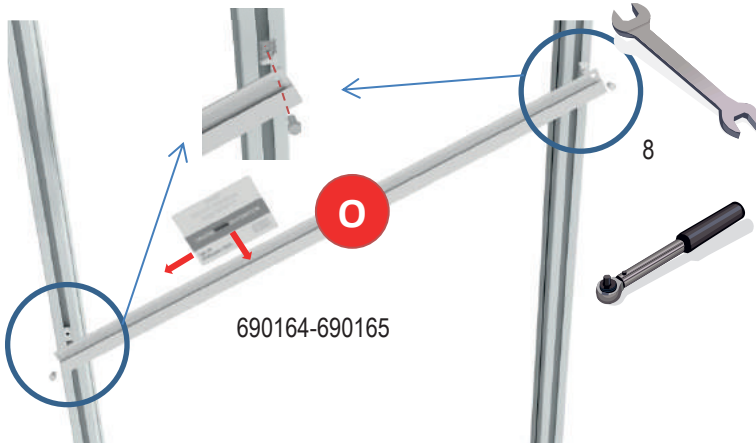
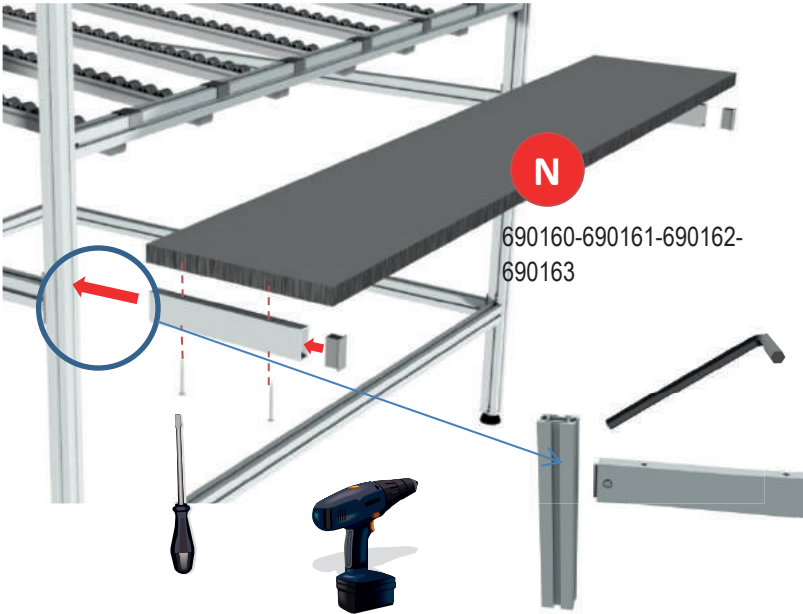
690210

- 645610 = L655 x P400 mm
- 690180 = L908 x P400 mm
- 690181 = L1309 x P400 mm
- 690182 = L1508 x P400mm



LEANDYNAMIC

Composants - Components
Komponenten



DOCAFLEX (voir catalogue – See catalogue - Siehe Katalog LEAN MANUFACTURING)



Bandeau bombé personnalisable (fixation par étriers) – Sign convexe to personalise (fixing by straps) - Bezeichnungsschild gewölbt personalisierbar (Befestigung mit Bügel)

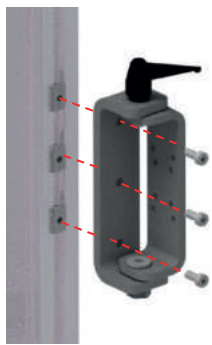
L 300 x H 200 : 141202

L 600 x H 200 : 141415

L 1000 x H 200 : 141405



BRAS PIVOTANT – SWIVELLING ARM - DREHARM



Montage –
Assembly



Code 541211 : 500 x P360



Code 180222 avec-with-mit :

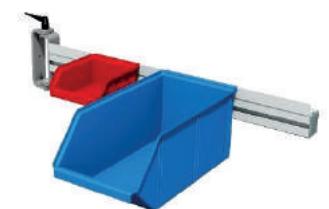
- 180110
- 180100
- 180120



Code 211270



Code 670123



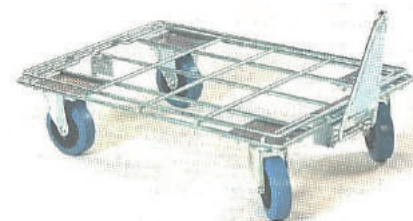
Code 670121

Eclairage LED – LED Lighting LED- Beleuchtung, 220 V.

L620 (400 lux) : 551241
L1220 (600 lux) : 551242



L 620 (800 lux) : 551243
L 1220 (1200lux) : 551244



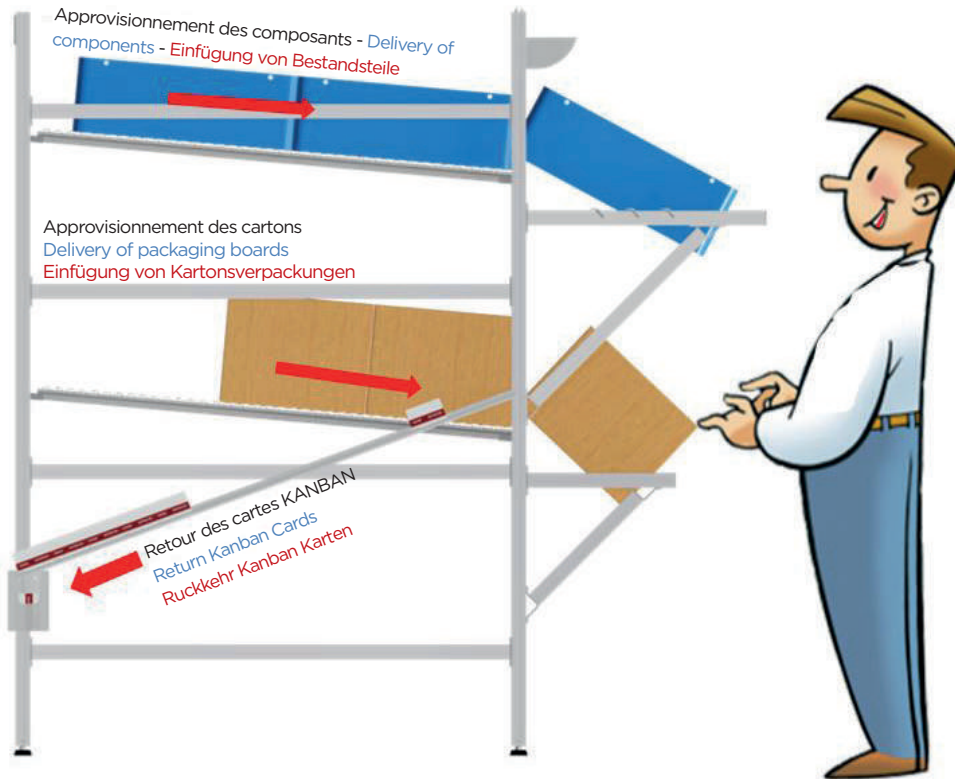
Code 690200
(L 600 x l 400 x H 153)

LEANDYNAMIC

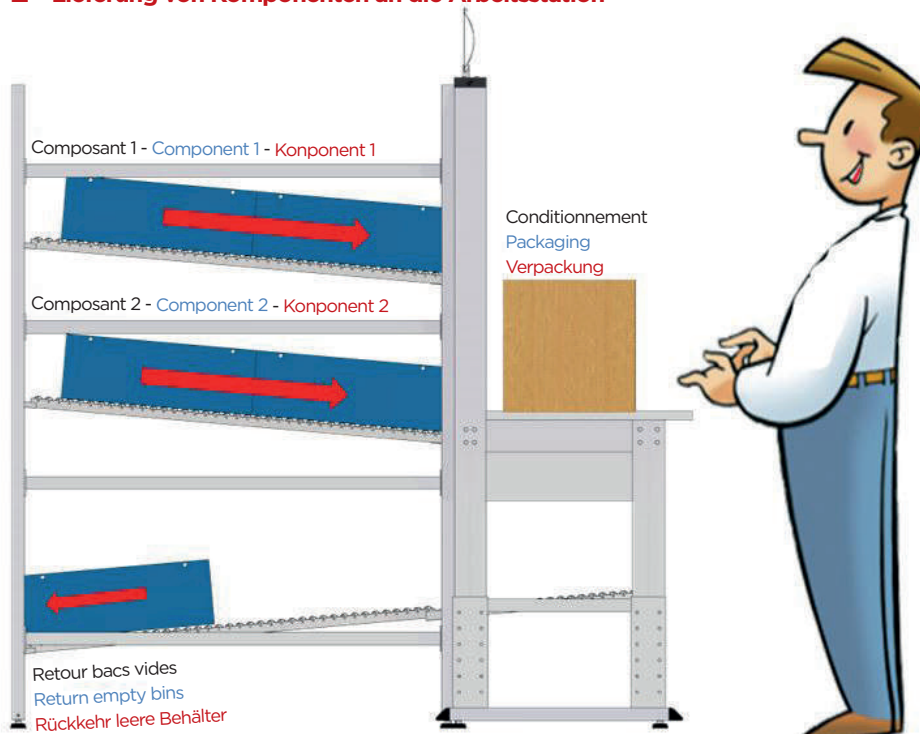
Principe de fonctionnement –
operating principle -
Funktionsweise



- **Approvisionnement supermarché composant en bord de ligne**
- **Component supply at line side**
- **Lieferung von Komponenten an die Linienseite**

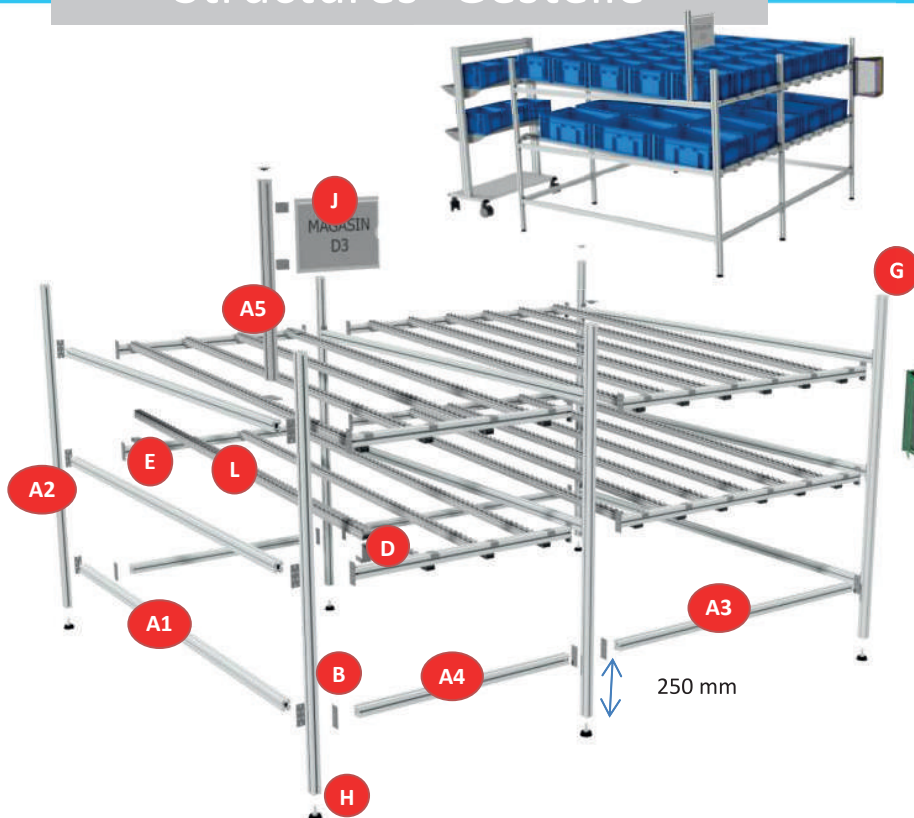


- **Approvisionnement des composants au poste de travail**
- **Supply of components to the work station**
- **Lieferung von Komponenten an die Arbeitsstation**



LEANDYNAMIC

Structures - Gestelle



- A1** 8 x L1925 mm - 690106
- A2** 6 x L1500 mm - 690105
- A3** 6 x L1301 mm - 690104
- A4** 6 x L 900 mm - 690103
- A5** 1 x L 647 mm - 690102
- B** 11 x 690120
- H** 2 x 544067
- L** 20 x L1980 mm - 690142
- E** 5 x 690122
- D** 5 x 690123
- G** 1 x 544060
- J** 1 PRODOC - 124461
- 1 kit DOCAFLEX - 301101

- A1** 4 x L1925 mm - 690106
- A2** 5 x L1500 mm - 690105
- A3** 8 x L1301 mm - 690104
- B** 7 x 690120
- H** 1 x 544067
- L** 16 x L1310 mm - 690141
- E** 4 x 690122
- D** 4 x 690123
- G** 1 x 544060
- J** 1 PRODOC -124461
- K** 8 x 690131
- 1x 211564
- 1 x 117340
- 1 x 541211
- 1 kit DOCAFLEX -301101

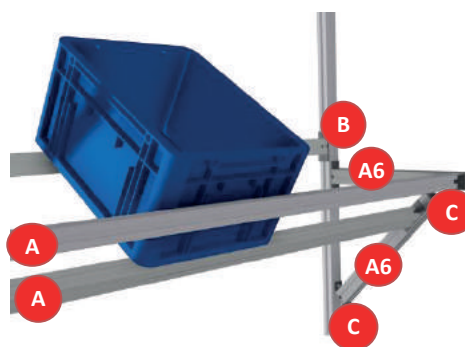
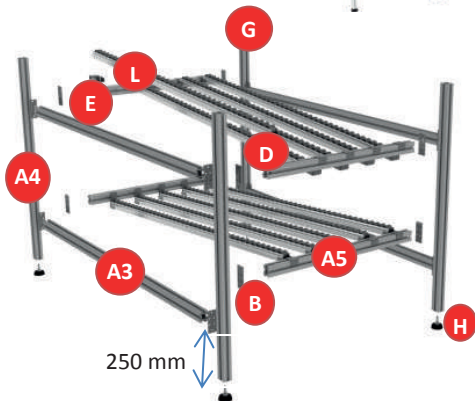


LEANDYNAMIC

Structures - Gestelle

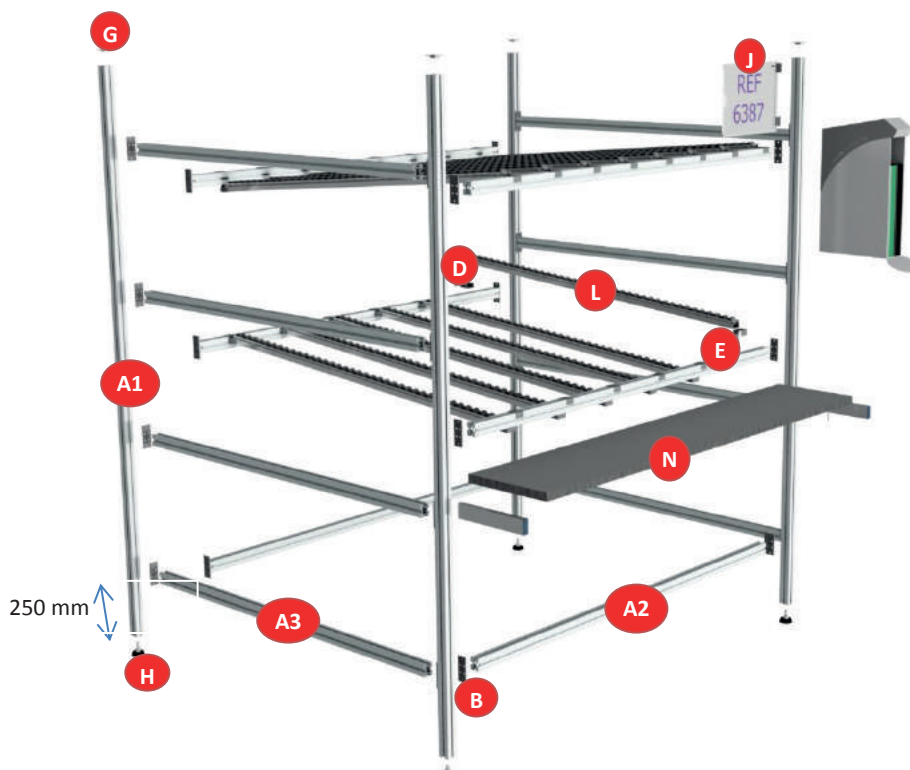


- A3** 4 x L1301 mm - 690104
- A4** 4 x L 900 mm - 690103
- A5** 4 x L 647 mm - 690102
- B** 4 x 690120
- H** 1 x 544067
- L** 10 x L1310 mm - 690141
- E** 3 x 690122
- D** 3 lx 690123
- G** 1 x 544060



- B** 2 x 690120
- A6** 4 x L398 mm 690101
- A** 2 x profiles (Longueur à déterminer – Length to define – Länge zu festlegen)
- C** Length to define – Länge zu festlegen)
- G** 1 x 690121
- 1 x 544060

- A1** 4 x L1965 mm - 690106
- A2** 6 x L 1500 mm - 690104
- A3** 8 x L1301 mm - 690103
- B** 7 x 690120
- H** 1 x 544067
- L** 13 x 1310 mm - 690141
- E** 4 x 690122
- D** 4 x 690123
- G** 1 x 544067
- J** 1 PRODOC 124461
- N** 1 x 1570 x 300 mm - 690163
- 1 DOCAPOST 200 réf 117300

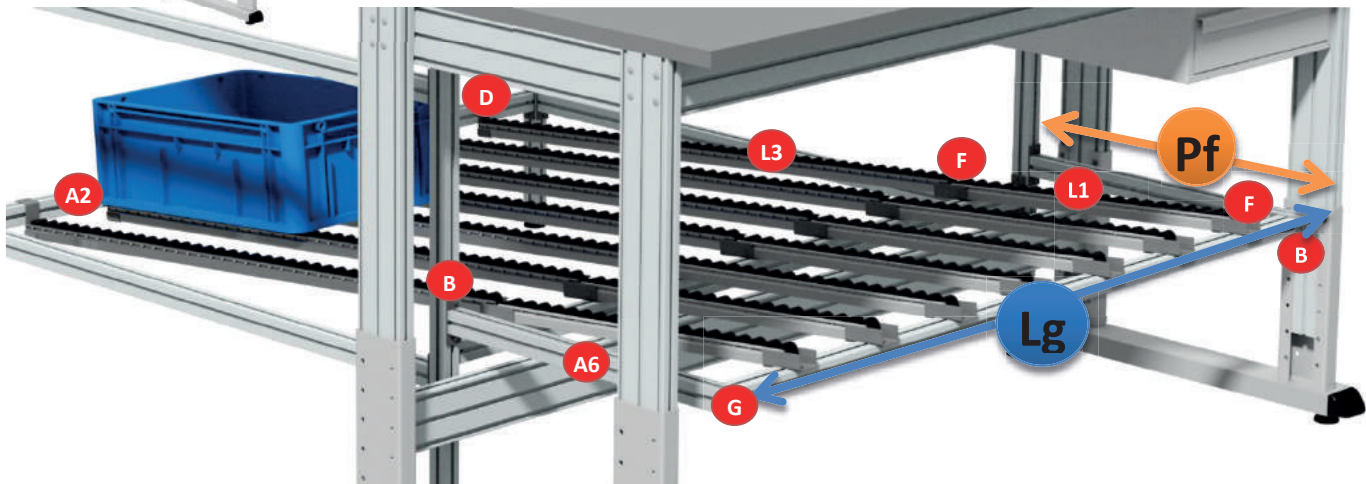


LEANDYNAMIC

Structures - Gestelle



- A2** 3 profils aluminium lg 1500 mm (code 690105)
- A6** 2 profils aluminium lg 647 mm (code 690102)
- B** 2 lots de 4 connecteurs universels (code 690120)
- L3** 7 rails à galets lg 1310 mm (code 690141)
- L1** 7 rails à galets lg 657 mm code (690140)
- F** 4 lots de 4 fixations doubles rails à galets (code 690124)
- F** 2 lots de 4 fixations butées rails à galets (code 690122)
- F** 1 lot de 8 bouchons plastique emboîtables (code 544060)



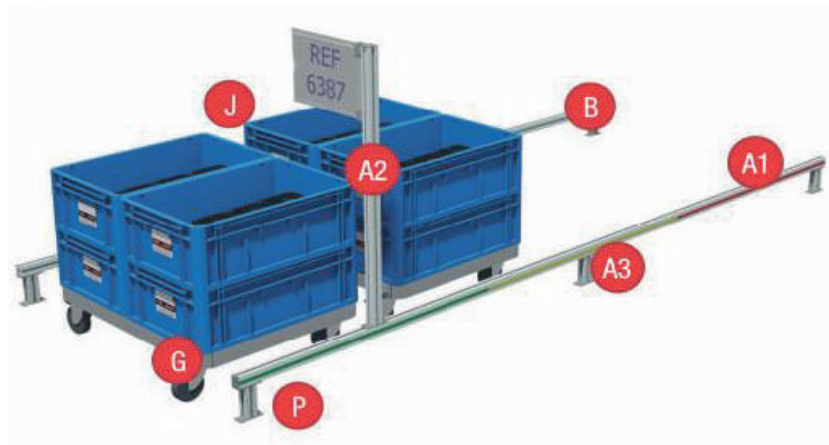
Compatibilité- Compatibility - **Kompatibilität** LEANDYNAMIC / QUALIPOST 3000 (retour bacs – Return empty bins- **Rückkehr leere Behälter**)

	QUALIPOST 3000 L 800 P 750 - code 511360	QUALIPOST 3000 L 1000 P 750 code 511361	QUALIPOST 3000 L 1200 P 750 511362	QUALIPOST 3000 L 1500 P 750 511363	QUALIPOST 3000 L 1800 P 750 511364	QUALIPOST 3000 L 2000 P 750 511365	QUALIPOST 3000 L 1500 P 1000 511366	QUALIPOST 3000 L 2000 P1000 511367
Lg Lg = 647 (code 690102)	•	•	•	•	•	•	•	•
Lg = 900 (code 690103)			•	•	•	•	•	•
Lg = 1301 (code 690104)				•	•	•	•	•
Pf Lg = 1500 (code 690105)					•	•		•
Pf = 647 (code 690102)	•	•	•	•	•	•		
Pf = 900 (code 690103)							•	•



Gare FIFO sur rembarde

- A1** 1 Profilé 40 x 32 lg 3000 mm - code 690107
- A2** 3 Profilé 40 x 32 lg 900 mm - code 690103
- B** 1 Lot de 4 connecteurs universels - code 690120
- G** 1 lot de 8 Bouchon pour profilé 32 x 40 mm - code 544060
- J** 3 PRODOC ETUI + étriers de fixation - code 124461
- P** 1 Kit bouche rainure jaune - code 120182
- P** 1 Kit bouche rainure vert - code 120185
- P** 1 Kit bouche rainure rouge - code 120186



Gare FIFO au sol

- A1** 2 Profilé 40 x 32 lg 3000 mm - code 690107
- A2** 1 Profil 40 x 32 lg 900 mm - code 690103
- A3** 6 profil aluminium lg 150 mm - code 690100
- B** 4 lot de 4 Connecteurs universels - code 690120
- G** 1 Lot de 8 bouchons 40 x 32 mm - code 544060
- J** 1 PRODOC ETUI + étrier de fixation - code 124461
- P** 1 bouche rainure rouge - code 120186
- P** 1 bouche rainure jaune - code 120182
- P** 1 bouche rainure vert - code 120185

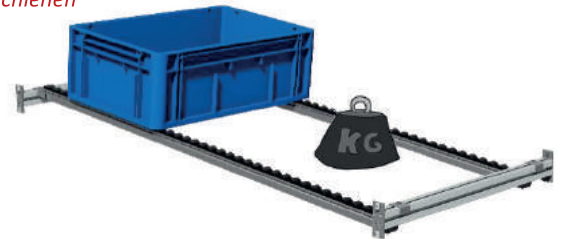
Rails à galets-Roller tracks-Laufschiene :

- Galets- Rollers- Rollen diam 28 mm (1.10 Inch) -axes sertis-crimped assembly- Gekrimpt Achse
- Charge admissible par galet -Safe working load per roller- Zulässigen Last auf die Rolle 8 kg (17.63 lb)
- Entre 2 galets - Between 2 rollers- Zwischen 2 Rollen 33 mm (1.29 Inch)
- Couleur noire - Black color - Schwarze Farbe
- Profilé en tôle galvanisée- Galvanised sheet steel profiles - Profilen aus verzinktem Blech 8/10 (0.03 Inch)



Charge admissible sur deux rails - Permissible load for 2 tracks - Zulässige Last für 2 Schienen

- 90 kg (198.41 lb) / profondeur-Depth- Tiefe 657 mm (25.86 Inch)
- 82 kg (180.78 lb) / profondeur-Depth- Tiefe 910 mm (35.82 Inch)
- 75 kg (165.34 lb) / profondeur-Depth- Tiefe 1310 mm (51.57 Inch)
- 68 kg (149.91 lb) / profondeur-Depth- Tiefe 1510 mm (59.45 Inch)
- 50 kg (110.23 lb) / profondeur-Depth- Tiefe 1975 mm (77.75 Inch)



Inclinaison de la pente - Slope steepness - Gefälle :

- 3 à 5 % pour les bacs plastiques (selon charges) -for plastic bins- für Plastikbehälter
- 4 à 5,5 % pour les cartons - for cardboard packaging - für Kartonverpackungen
- 5 à 7 % pour le retour de bacs vides - for empty bins return -für leere Behälter Rückkehr

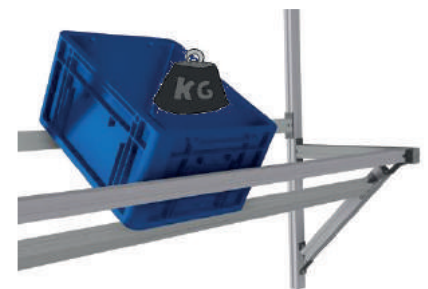
Support bacs-Bin Rest-Behälter Träger :

L 398 mm

- Charge admissible-Safe working load- Zulässige Last : 60 kg (132.27 lb)
- Pour bacs -For bins -Für Behälter L 400 mm (15.74 Inch) max.

L 647 mm

- Charge admissible-Safe working load- Zulässige Last : 60 kg (132.27 lb)
- Pour bacs -For bins -Für Behälter L 600 mm (15.74 Inch) max.



Etagère profondeur - Shelf depth- Regalboden Tiefe 300 mm (11.81 Inch) ep 19 mm (0.74 Inch)

Charge uniformément répartie admissible - Permissible uniformly distributed load - Zulässigen Gleichlast

- L 700 (27.55 Inch) : 40 kg (88.18 lb)
- L 1000 (39.37 Inch) : 35 kg (77.16 lb)
- L 1370 (53.93 Inch) : 25 kg (55.11 Lb)
- L 1570 (61.81 Inch) : 20 kg (44.09 lb)



Caractéristiques des bacs-Bins features - Merkmale der Behälter

Bac plastique à bec bleu Blue open front plastic bin Plastikbehälter blau	L103 x P90 x H55	L 4.05 x D 3.54 x H 2.16 Inch	542111
	L103 x P165 x H83	L 4.05 x D 6.49 x H 3.26 Inch	542112
	L145 x P240 x H125	L 5.70 x D 9.44 x H 4.92 Inch	542113
Bac plastique à bec rouge Red open front plastic bin Plastikbehälter rot	L103 x P90 x H55	L 4.05 x D 3.54 x H 2.16 Inch	542121
	L103 x P165 x H83	L 4.05 x D 6.49 x H 3.26 Inch	542122
	L145 x P240 x H125	L 5.70 x D 9.44 x H 4.92 Inch	542123
Bac plastique à bec gris Grey open front plastic bin Plastikbehälter grau	L103 x P90 x H55	L 4.05 x D 3.54 x H 2.16 Inch	542131
	L103 x P165 x H83	L 4.05 x D 6.49 x H 3.26 Inch	542132
	L145 x P240 x H125	L 5.70 x D 9.44 x H 4.92 Inch	542133
Bac plastique bleu Blue plastic bin Plastikbehälter blau	L400 x P300 x H220	L 15.74 x D 11.81 x H 86.61 Inch	542143
	L600 x P400 x H220	L 23.62 x D 15.74 x H 86.61 Inch	542153
Bac plastique à bec rouge Red plastic bin Plastikbehälter rot	L400 x P300 x H220	L 15.74 x D 11.81 x H 86.61 Inch	542146
	L600 x P400 x H220	L 23.62 x D 15.74 x H 86.61 Inch	542156
Bac plastique à bec gris Grey plastic bin Plastikbehälter grau	L400 x P300 x H220	L 15.74 x D 11.81 x H 86.61 Inch	542148
	L600 x P400 x H220	L 23.62 x D 15.74 x H 86.61 Inch	542158



Ensure visual monitoring of real-time events

Modular LED light column | LEANANDON



CHARACTERISTICS

Modular LED light column | LEANANDON light columns come in a wide range of optical and acoustic combinations and are totally modular. Starting with a simple stand enabling the modules to be cabled up, the column is assembled quickly and easily. Using these modular columns, several states can be highlighted in a machine, installation, or process.

- Diameter: 72 mm/1.57 Inch
- Electric voltage: 24V AC/DC
- Signal mode: steady light
- Colours: green/yellow/red/blue
- Protection rating: IP66.



APPLICATION

Circuit production • Light alert • Identification and resolution of problems



GUARANTEE
2 YEARS



ACCESSORIES to complete the product



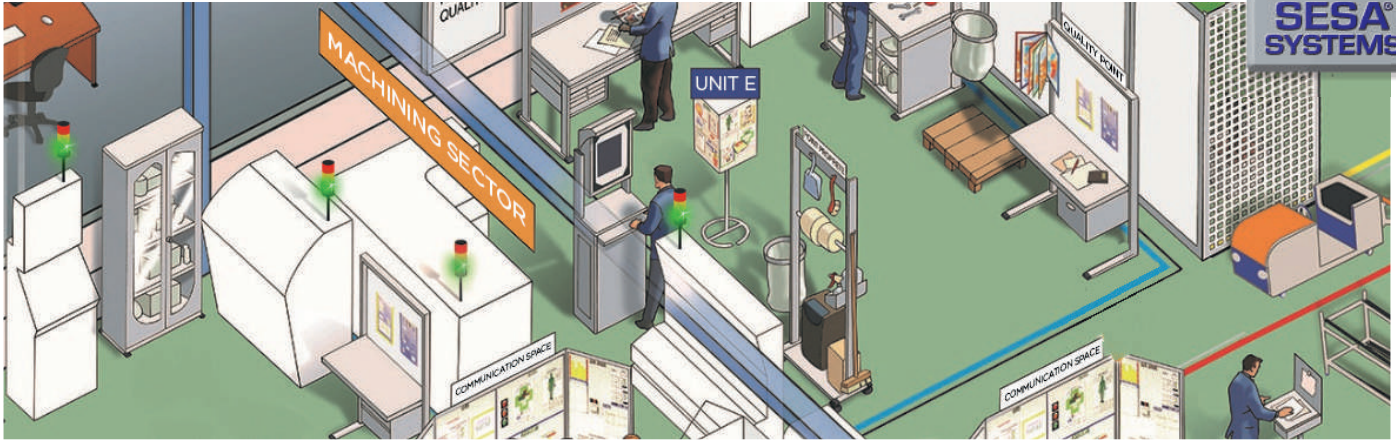
1

2

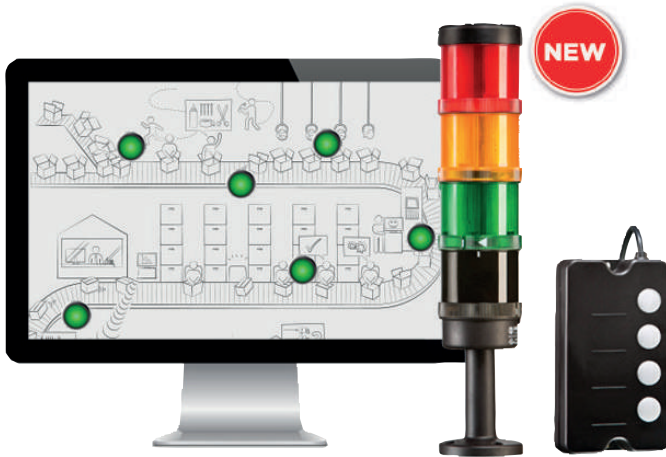
CODE	DESCRIPTION	DELIVERY	PACKING
551222	LEANANDON LED yellow Ø 72 mm/1.58 Inch H 58,6 mm/H 2.28 Inch 24V AC/DC IP66	15 days	Delivered in kit
551223	LEANANDON LED blue Ø 72 mm/1.58 Inch H 58,6 mm/H 2.28 Inch 24V AC/DC IP66	15 days	Delivered in kit
551225	LEANANDON LED green Ø 72 mm/1.58 Inch H 58,6 mm/H 2.28 Inch 24V AC/DC IP66	15 days	Delivered in kit
551226	LEANANDON LED red Ø 72 mm/1.58 Inch H 58,6 mm/H 2.28 Inch 24V AC/DC IP66	15 days	Delivered in kit
1 551228	LEANANDON plug-in socket black Ø 72 mm/1.58 Inch H 44 mm/H 1.73 Inch 24V AC/DC IP66	15 days	Delivered in kit
2 551229	LEANANDON black control box Ø136 mm Height 19 mm 100 - 272V AC	15 days	Delivered in kit



LEANANDON



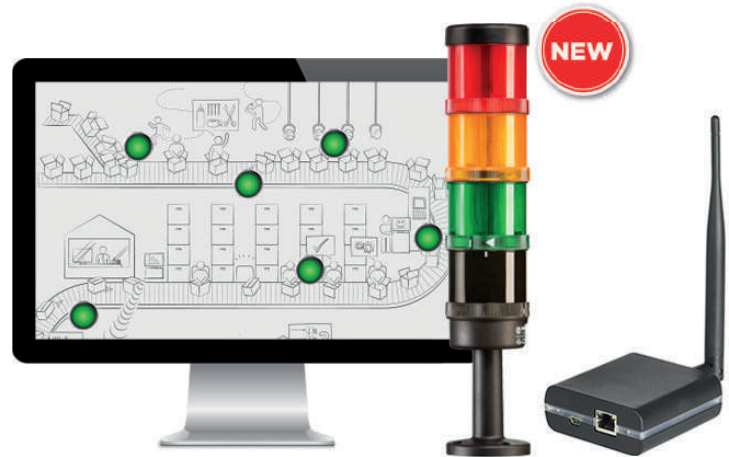
Leading industrial and logistics companies count on LEANANDON light columns. This product indeed offers greater flexibility (modular Twin elements), better visibility from any position (OmniVIEW) and simple assembly (Poka Yoke). Equipped for the future, the light columns can be networked easily. This makes it possible to save time and money: from when the product is acquired to when it is commissioned for daily service and as it is being assembled.



Manual control box and emission of the results thanks to the included software.

The solution for packaging and dispatch stations

- Documentation and analysis of unproductive idle time
- A reduction in sending process fees
- A Call-for-Action system for permanent time savings
- Complement to the products on page 57
- Downloadable no-license software



Radio module that can be connected to your production workshop, without being connected to a PC.

The smart MDE alternative [machine parameter collection] for producing companies..

- Fast and reliable data for optimising the production process
- Visible pertinent data with one press of a button
- A complementary wireless solution for signalling and analysing all production
- Complement to the products on page 57
- Downloadable no-license software (status of the light columns connected to the networks, analysis of productivity, search for sources of error, etc.)

+ ACCESSORIES to complete this product



1



2



3

	CODE	DESCRIPTION	DELIVERY	PACKING
1	551229	LEANANDON black control box Ø136 mm Height 19 mm 100 - 272V AC	15 days	Delivered in kit
2	551232	LEANANDON base Ø72mm for radio connection	15 days	Delivered in kit
3	551233	Ethernet network and antenna case with operating software	15 days	Delivered in kit

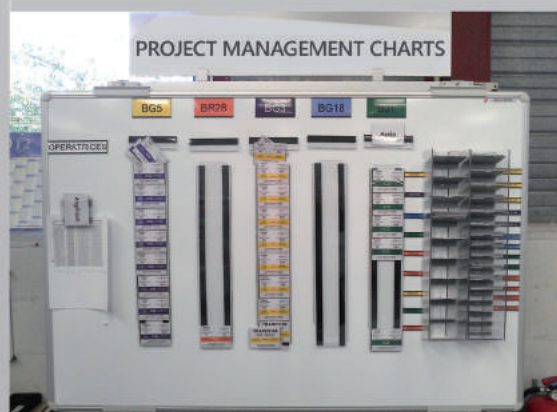
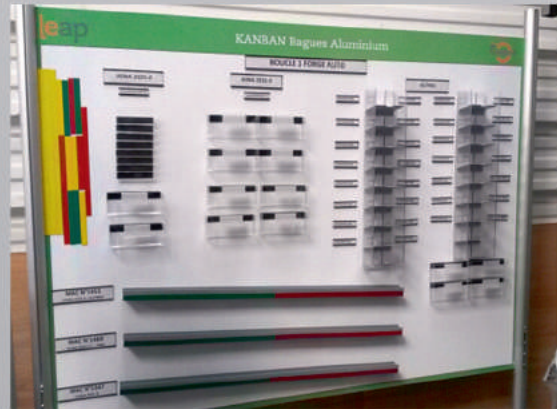
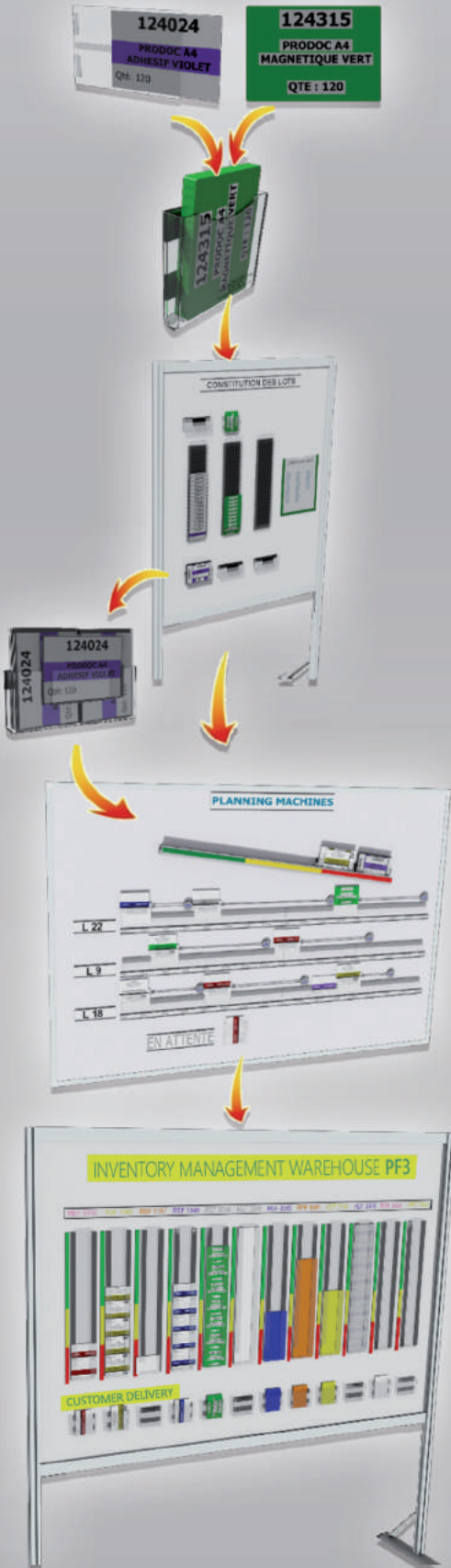


LEANFLASH

KANBAN in action



KANBAN in action



GAMME LEANFLASH

Universal, flexible, customisable



Trolley on wheels with rubber coating



CHARACTERISTICS

- Chassis in metal sheet (grey epoxy paint) on 4 wheels Ø 100 mm/3.93 Inch (with brake)
- Grooved anodised vertical pillars
- Provided with 2 tops (of which one is height adjustable) with a rubber coating and fall arresters (permissible load of 140 kg per level)



GUARANTEE
2 YEARS

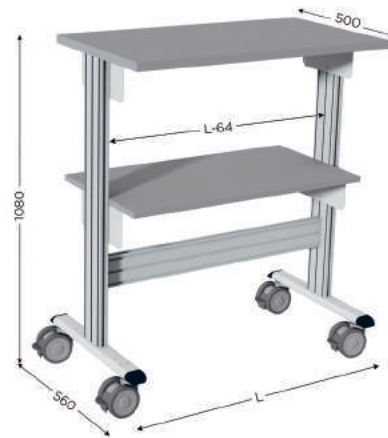
CODE	DESCRIPTION	DELIVERY	PACKING
645100	Trolley L 647 × D 400 mm/L 24.4 × D 19.69 Inch on wheels with rubber coating	5 days	Delivered in kit

Mobile service trolley for workshops PICKING TROLLEY



CHARACTERISTICS

- Chassis in metal sheet (grey epoxy paint) on 4 wheels Ø 100 mm/3.93 Inch (with brake)
- Grooved anodised vertical pillars
- 2 shelves (140 kg admissible charge each)



GUARANTEE
2 YEARS

CODE	DESCRIPTION	DELIVERY	PACKING
645310	PICKING TROLLEY L 620 mm/L 24.41 Inch on wheels Ø 100 mm/3.94 Inch, 2 shelves	5 days	Delivered in kit
645320	PICKING TROLLEY L 900 mm/L 35.43 Inch on wheels Ø 100 mm/3.94 Inch, 2 shelves	5 days	Delivered in kit
645330	PICKING TROLLEY L 1200 mm/L 47.24 Inch on wheels Ø 100 mm/3.94 Inch, 2 shelves	5 days	Delivered in kit

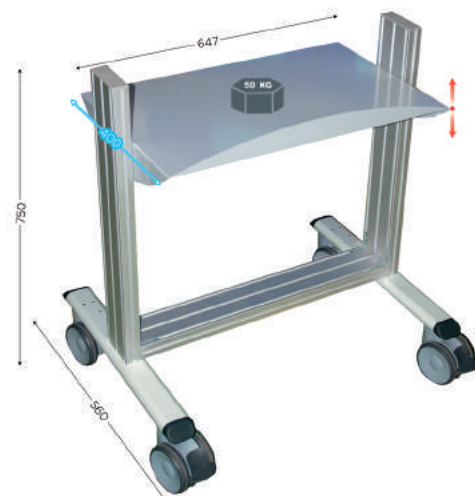
Mobile trolley for bins |LEANPOST 100



CHARACTERISTICS

The **mobile trolley for bins** |LEANPOST 100 is essential to lose the production flow within the framework of LEAN MANUFACTURING and integrates all the components for the operators, this improves working conditions and the ergonomic at the workstation for better efficiency of the supply chain

- Chassis in metal sheet (grey epoxy paint) on 4 wheels Ø 100 mm/3.93 Inch (with brake)
- Grooved anodised vertical pillars



GUARANTEE
2 YEARS

REGISTERED
MODEL

CODE	DESCRIPTION	DELIVERY	PACKING
645105	LEANPOST 100 for storage boxes L 647 × D 400 mm/L 25.47 × H 15.75 Inch, 1 height-adjustable and inclined level	5 days	Delivered in kit



GUARANTEE
2 YEARS

REGISTERED
MODEL

BEST
SELLER



APPLICATION

Picking • Logistics • Workshop • Assembly • Maintenance



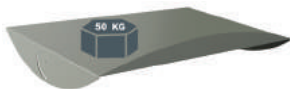
CHARACTERISTICS

The **mobile trolley for bins** |LEANPOST 600 is essential to lose the production flow within the framework of LEAN MANUFACTURING and integrates all the components for the operators, this improves working conditions and the ergonomic at the workstation for better efficiency of the supply chain

- Chassis in metal sheet (grey epoxy paint) on 4 wheels Ø 100 mm/3.93 Inch (with brake)
- Grooved anodised vertical pillars



ACCESSORIES to complete the product



1

2

3

4

CODE	DESCRIPTION	DELIVERY	PACKING
645600	LEANPOST 600A Basic version To equip with the accessories	5 days	Delivered in kit
645603	LEANPOST 600B for storage boxes 600 × 400 mm/23.62 × 15.75 Inch on 3 adaptable levels	5 days	Delivered in kit
645606	LEANPOST 600C for storage boxes with grip at the back, 5 adjustable levels and 5 rails for boxes	5 days	Delivered in kit
1 645610	Plates inclinable in the height adjustable L 647 mm/L 25.47 Inch	5 days	Per unit
2 516407	Attaching rail L 647 mm/L 25.47 Inch for plastic bins	5 days	Per unit
3 690211	Link for next trolley for LEANPOST 100/600/900	5 days	Per unit
4 690210	Towing drawbar L 450 mm with rear wheel locking kit	5 days	Per unit



THE EXCELLENCE OF THE LEAN STATION

Customization according to your imagination



+ ACCESSORIES





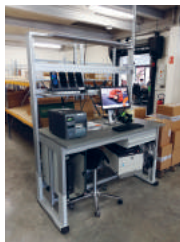
GUARANTEE
2 YEARS

REGISTERED
MODEL



APPLICATION

Final control • Test bench • Assembly • Packaging • Maintenance



CHARACTERISTICS

The Modular Control Workstation | QUALIPOST 3000B is universal and allows you to meet several requirements. Complete opening on the rear side of the station for a global vision of the area.

- Chassis with a grooved anodised aluminium structure for the fastening of accessories
- Solid steel base (grey epoxy colour) on four feet
- Stratified plate, 27 mm/1.10 Inch wide with PVC anti-shock edges
- 1 multifunction rail supplied with the station
- *Kit of 4 wheels Ø 100 mm/3.94 Inch with brake sold separately*



ACCESSORIES to complete the product



1

2

CODE	DESCRIPTION	DELIVERY	PACKING
511360	QUALIPOST 3000B L 800 × D 750 mm/L 31.49 × D 29.52 Inch open back panel with stratified desk	5 days	Pre-mounted
511361	QUALIPOST 3000B L 1000 × D 750 mm/L 39.37 × D 29.52 Inch open back panel with stratified desk	5 days	Pre-mounted
511362	QUALIPOST 3000B L 1200 × D 750 mm/L 47.24 × D 29.52 Inch open back panel with stratified desk	5 days	Pre-mounted
511363	QUALIPOST 3000B L 1500 × D 750 mm/L 59.05 × D 29.52 Inch open back panel with stratified desk	5 days	Pre-mounted
511364	QUALIPOST 3000B L 1800 × D 750 mm/L 70.86 × D 29.52 Inch open back panel with stratified desk	5 days	Pre-mounted
511365	QUALIPOST 3000B L 2000 × D 750 mm/L 78.74 × D 29.52 Inch open back panel with stratified desk	5 days	Pre-mounted
511366	QUALIPOST 3000B L 1500 × D 1000 mm/L 59.05 × D 39.37 Inch open back panel with stratified desk	5 days	Pre-mounted
511367	QUALIPOST 3000B L 2000 × D 1000 mm/L 78.74 × D 39.37 Inch open back panel with stratified desk	5 days	Pre-mounted
1 670311	Upper frame, attaching for hooks L 1000 × D 400 mm/L 39.37 × D 15.74 Inch	5 days	Delivered in kit
1 670312	Upper frame, attaching for hooks L 1200 × D 400 mm/L 47.24 × D 15.74 Inch	5 days	Delivered in kit
1 670313	Upper frame, attaching for hooks L 1500 × D 400 mm/L 59.05 × D 15.74 Inch	5 days	Delivered in kit
1 670315	Upper frame, attaching for hooks L 2000 × D 400 mm/L 78.74 × D 15.74 Inch	5 days	Delivered in kit
2 670115	Sliding hook	5 days	Per unit



The customisable workstation
QUALIPOST 3000

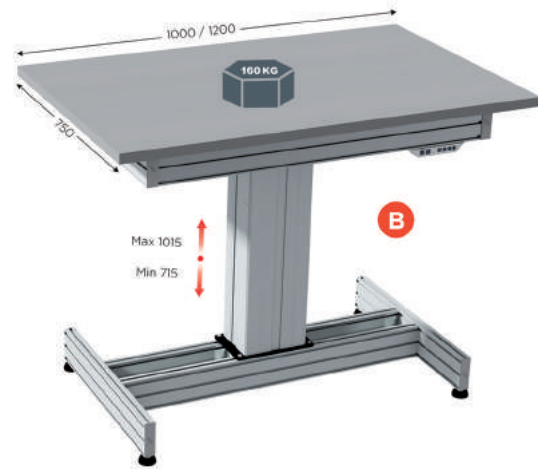
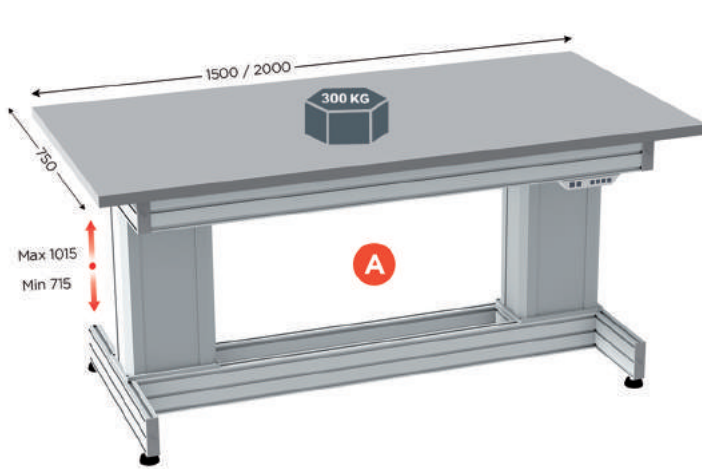


+ **ACCESSORIES**
 to complete this product



The workstation with electric height adjustment

Electrically adjustable workstation |QUALIPOST 3000 ELECTRIC



GUARANTEE
2 YEARS

REGISTERED
MODEL

APPLICATION

Final control • Test bench • Assembly • Packaging • Maintenance



CHARACTERISTICS

The **electrically adjustable workstation** |QUALIPOST 3000 ELECTRIC is situated in the center of the production facilities and integrates all the tools selected and intended for a multifunctional station within the Lean Manufacturing framework.

A wide range of accessories allows you to personalise your station according to your project by improving the work conditions (tiredness, excessive efforts, wasting of energy).

- Adjustable in the height thanks to a 220 V control unit
- L 1000 and 1200 mm: 160 kg distributed/L 39.37 and 47.24 Inch: 352.73 lb distributed
- L 1500 and 2000 mm: 300 kg distributed/L 59.05 and 78.74 Inch: 661.38 lb distributed
- On 4 vertically adjustable feet

+ ACCESSORIES to complete the product



1

CODE	DESCRIPTION	DELIVERY	PACKING
670043	QUALIPOST 3000 ELECTRIC B L 1500 × D 750 mm/L 59.05 × D 29.52 Inch chassis 2 lateral columns and plate stratified	25 days	Pre-mounted
670053	QUALIPOST 3000 ELECTRIC B L 1500 × D 750 mm/L 59.05 × D 29.52 Inch chassis 2 lateral columns and rubber plate	25 days	Pre-mounted
670045	QUALIPOST 3000 ELECTRIC B L 2000 × D 750 mm/L 78.74 × D 29.52 Inch chassis 2 lateral columns and plate stratified	25 days	Pre-mounted
670055	QUALIPOST 3000 ELECTRIC B L 2000 × D 750 mm/L 78.74 × D 29.52 Inch chassis 2 lateral columns and rubber plate	25 days	Pre-mounted
670041	QUALIPOST 3000 ELECTRIC A L 1000 × D 750 mm/L 39.37 × D 29.52 Inch chassis 1 central column and plate stratified	25 days	Pre-mounted
670051	QUALIPOST 3000 ELECTRIC A L 1000 × D 750 mm/L 39.37 × D 29.52 Inch chassis 1 central column and rubber plate	25 days	Pre-mounted
670042	QUALIPOST 3000 ELECTRIC A L 1200 × D 750 mm/L 47.24 × D 29.52 Inch chassis 1 central column and plate stratified	25 days	Pre-mounted
670052	QUALIPOST 3000 ELECTRIC A L 1200 × D 750 mm/L 47.24 × D 29.52 Inch chassis 1 central column and rubber plate	25 days	Pre-mounted
1	171101 Vertikal uprights L 860 × H 1200 mm/L 33.85 × H 47.24 Inch for QUALIPOST 3000 electric	3 days	Delivered in kit
1	171102 Vertikal uprights L 1260 × H 1200 mm/L 49.60 × H 47.24 Inch for QUALIPOST 3000 electric	3 days	Delivered in kit



Seats and Stools



1



High STOOL black polyurethane seat on glides, adjustable height H 600 - 820 mm
CODE : 571102 3 days

2



ANTI-FATIGUE STOOL in black polyurethane on glides, adjustable height H 600 - 820 mm
CODE : 571103 3 days

3



Adjustable STOOL with black polyurethane seat and grip adjustable height H 600 - 820 mm
CODE : 571104 3 days

4



Adjustable SEAT and back rest in polyurethane, adjustable height adjustable height H 600 - 820 mm
CODE : 571105 3 days

5



SEAT in polyurethane kit E adjustable height H 600 - 820 mm
CODE : 571106 3 days

6



SEAT in polyurethane kit F adjustable height H 600 - 820 mm
CODE : 571107 3 days

7



Telescopic OFFICE SEAT with perforated seat and black polyurethane backrest on gliders, height adjustable 600 - 820 mm
CODE : 571109 3 days

8



Foot rest, circular, chromium plated, adjustable
CODE : 572001 3 days
Pack of 5 wheels
CODE : 571055 3 days

9



Kit of 2 quick adjust height adjustable arm rests, compatible with models 571106, 571107
CODE : 572005 3 days

An original design
Workshop stand & sit stool, contemporary design

CHARACTERISTICS

The user's legs are naturally in tension, so the operator can stand up without straining. The body weight is supported on both the seat and the feet

- The height has a 350 mm/13.78 Inch adjustment
- The base does not impair movement
- The upright position preserves total mobility
- Polyurethane seat (washable, withstands oil, solvents, shock, and tool slashes)
- An original, elegant design
- Authorized weight load approximately 120 kg/264.55 lb

APPLICATION

The ideal work position: the «seated-standing» position.



CODE	DESCRIPTION	DELIVERY	PACKING
571110	"Aluminium design" ANTI-FATIGUE STOOL with polyurethan poseat, adjustable over 15° without back rest	3 days	Delivered in kit

An original design
Workshop stand & sit stool, contemporary design

CHARACTERISTICS

The user's legs are naturally in tension, so the operator can stand up without straining.

The body weight is supported on both the seat and the feet

- The height has a 350 mm/13.78 Inch adjustment
- The base does not impair movement
- The upright position preserves total mobility
- Polyurethane seat (washable, withstands oil, solvents, shock, and tool slashes)
- An original, elegant design
- Authorized weight load approximately 120 kg/264.55 lb

APPLICATION

The ideal work position: the «seated-standing» position



CODE	DESCRIPTION	DELIVERY	PACKING
571112	"Aluminium design" ANTI-FATIGUE STOOL with polyurethan seat Ø 320 mm/12.6 Inch, with adjustable backres	3 days	Delivered in kit

An original design
Workshop stand & sit stool, contemporary design

CHARACTERISTICS

The user's legs are naturally in tension, so the operator can stand up without straining. The body weight is supported on both the seat and the feet

- The height has a 350 mm/13.78 Inch adjustment
- The base does not impair movement
- The upright position preserves total mobility
- Polyurethane seat (washable, withstands oil, solvents, shock, and tool slashes)
- An original, elegant design
- Authorized weight load approximately 120 kg/264.55 lb

APPLICATION

The ideal work position: the «seated-standing» position



CODE	DESCRIPTION	DELIVERY	PACKING
571111	"Aluminium design" ANTI-FATIGUE STOOL with polyurethan seat and adjustable back rest	3 days	Delivered in kit
571120	Footrest chrome-plated, adjustable height	3 days	Delivered in kit

An original design
Workshop contemporary chair

CHARACTERISTICS

The user's legs are naturally in tension, so the operator can stand up without straining.

The body weight is supported on both the seat and the feet

- The height has a 350 mm/13.78 Inch adjustment
- The base does not impair movement
- The upright position preserves total mobility
- Polyurethane seat (washable, withstands oil, solvents, shock, and tool slashes)
- An original, elegant design
- Authorized weight load approximately 120 kg/264.55 lb

APPLICATION






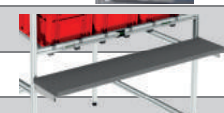






The ideal work position: the «seated-standing» position



CODE	DESCRIPTION	DELIVERY	PACKING
571114	design SEAT new seat	3 days	Delivered in kit
571120	Footrest chrome-plated, adjustable height	3 days	Delivered in kit



Liste des articles -Articles List- Artikelliste LEANDYNAMIC

Code	Dessin-drawing- Zeichnung	Désignation- Range-Produkt	Qté -Qty Menge
690100		Profile 40 x 32 L150 mm (5.90 Inch)	
690101		Profile 40 x 32 L398 mm (15.66 Inch)	
690102		Profile 40 x 32 L647 mm (25.47 Inch)	
690103		Profile 40 x 32 L900 mm (35.43 Inch)	
690104		Profile 40 x 32 L1301mm (51.22 Inch)	
690105		Profile 40 x 32 L1500 mm (59.05 Inch)	
690106		Profile 40 x 32 L1965 mm (77.36 Inch)	
690107		Profile 40 x 32 L3000 mm (118.11 Inch)	
690120		Lot de 4 connecteurs universels -Set of 4 universal connectors - Satz mit 4 Universalsteckverbinder	
690121		Lot de 4 connecteurs angulaires - Set of 4 angle connectors - Satz mit 4 Winkelsteckverbinder	
690126		Lot de 4 fixations rail REVERSO - Set of 4 roller track fasteners REVERSO - Satz mit 4 Laufschiene-Befestigungen REVERSO	
690124		Lot de 4 fixations rail à galets d'extrémité -Set of 4 end roller track fasteners - Satz mit 4 Endbefestigungen für Laufschiene	
690125		Lot de 4 fixations rail à galets médian avec rouleau - Set of 4 median roller track fasteners with PVC wedge - Satz mit 4 Mittelbefestigungen für Laufschiene mit PVC-Klotz	
544060		Lot de 8 bouchons plastiques emboîtables -Set of 8 stackable plastic caps - Satz mit 8 steckbare Kunststoffverschlüsse	
544067		Lot de 4 pieds vérins - Set of 4 floor support adjustable feet - Satz mit 4 Bodenstützylinder-Füße	
690130		Lot de 4 roulettes pivotantes avec frein - Kit of 4 caster wheels with brake - Bausatz mit 4 Schwenkrollen mit Bremse	
124461		PRODOC ETUI A4 blanc - PRODOC CASE A4 white with fastening braces - PRODOC ETUI A4 weiß mit Befestigungsbügeln	
690131		Etiquette de repérage à clipser sur profil - Identification label to clip to aluminium profil Beschriftung zum Clipsen auf das Aluminiumprofil	
690140		Rail à galet - roller track - Laufschiene L657 mm (25.86 Inch)	
690143		Rail à galet - roller track- Laufschiene L910 mm (35.82 Inch)	
690141		Rail à galet - roller track - Laufschiene L1310 mm (51.57 Inch)	
690144		Rail à galet - roller track - Laufschiene L1510 mm (59.44 Inch)	
690142		Rail à galet - roller track - Laufschiene L1975 mm (77.95 Inch)	
690150		Profil de guidage - guide profile - Führungsprofil L580 mm (5.90 Inch)	
690153		Profil de guidage - guide profile - Führungsprofil L840 mm (5.90 Inch)	
690151		Profil de guidage - guide profile - Führungsprofil L1240 mm (5.90 Inch)	
690154		Profil de guidage - guide profile - Führungsprofil L1540 mm (5.90 Inch)	
690152		Profil de guidage - guide profile- Führungsprofil L1900 mm (22.83 Inch)	
690170		Support de fixation pour tableau - Mounting bracket for board - Tafelklammer	
690160		Etagère stratifiée - Height-adjustable stratified shelf - Schichtstoff-Regalboden, höhenverstellbar 300 x 700 mm (11.81 x 32.67 Inch)	
690161		Etagère stratifiée - Height-adjustable stratified shelf - Schichtstoff-Regalboden, höhenverstellbar 300 x 1000 mm (11.81 x 48.81 Inch)	
690162		Etagère stratifiée - Height-adjustable stratified shelf - Schichtstoff-Regalboden, höhenverstellbar 300 x 1370 mm (11.81 x 56.69 Inch)	
690163		Etagère stratifiée - Height-adjustable stratified shelf - Schichtstoff-Regalboden, höhenverstellbar 300 x 1570 mm (11.81 x 74.80 Inch)	
690166		Plateau stratifié - Laminated top - Schichtstoffplatte 556 x 500 mm (21.89 x 19.68 Inch)	
690167		Plateau stratifié - Laminated top - Schichtstoffplatte 900 x 500 (35.43 x 19.68 Inch)	
690168		Plateau stratifié - Laminated top - Schichtstoffplatte 1200 x 500 (47.24 x 19.68 Inch)	
544068		Set of 4 steel fastening brackets -Satz mit 4 Befestigungswinkeln aus Stahl	
		Etagère inclinable - Tilting shelf - 398 x 400 (15.66 x 15.74 Inch)	
645610		Etagère inclinable - Tilting shelf - 647 x 400 (25.47 x 15.74 Inch)	
690180		Etagère inclinable - Tilting shelf - 900 x 400 (35.74 x 15.74 Inch)	
690181		Etagère inclinable - Tilting shelf - 1300 x 400 (51.53 x 15.74 Inch)	
690182		Etagère inclinable - Tilting shelf - 1500 x 400 (59.37 x 15.74 Inch)	
690164		Rail de guidage (retour cartes Kanban)- Guide rail for sliding of KANBAN cards - Führungsschiene zum Verschieben der KANBAN: L1500 mm (59.05 Inch)	
690165		Rail de guidage (retour cartes Kanban) - Guide rail for sliding of KANBAN cards - Führungsschiene zum Verschieben der KANBAN : L2200 mm (86.61 Inch)	
690210		Timon de tractage L450 - Towing drawbar L 450 mm with rear wheel locking kit - Zugdeichsel L 450 mm mit Feststellsatz für die Hinterräder	
690211		Liaison pour chariot suivant - Link for next trolley - Verbindungsstück für nächsten Rollwagen für LEANPOST 100/600/900	
120182		Bouche rainure - Set slot filling -Satz Fugenfüllungen L 12 m (472.44 Inch)	
120185		Bouche rainure - Set slot filling -Satz Fugenfüllungen L 12 m (472.44 Inch)	
120186		Bouche rainure - Set slot filling -Satz Fugenfüllungen L 12 m (472.44 Inch)	
140702		Bande magnétique - Magnetic tape - Magnetbänder L5 m x H 15 mm (L 196.85 x H 0.59 Inch)	
140705		Bande magnétique - Magnetic tape - Magnetbänder L5 m x H 15 mm (L 196.85 x H 0.59 Inch)	
140706		Bande magnétique - Magnetic tape - Magnetbänder L5 m x H 15 mm (L 196.85 x H 0.59 Inch)	
140802		Bande adhésive - Adhesive tape - Klebandband L25 m x H 12,5 mm (L 984.25 x H 0.47 Inch)	
140805		Bande adhésive - Adhesive tape - Klebandband L25 m x H 12,5 mm (L 984.25 x H 0.47 Inch)	
140806		Bande adhésive - Adhesive tape - Klebandband L25 m x H 12,5 mm (L 984.25 x H 0.47 Inch)	



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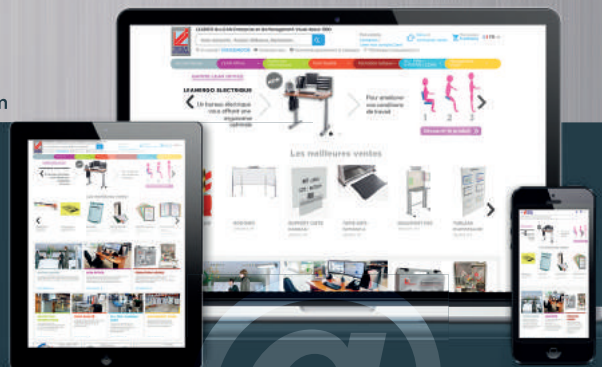


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