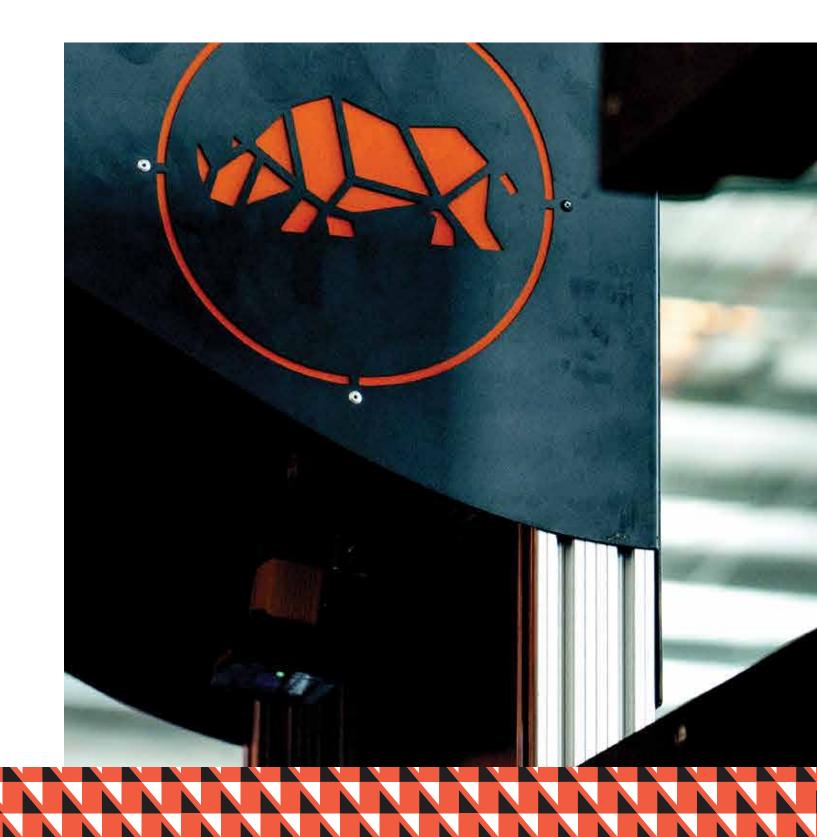


Smart
Intralogistics
Material
Movement

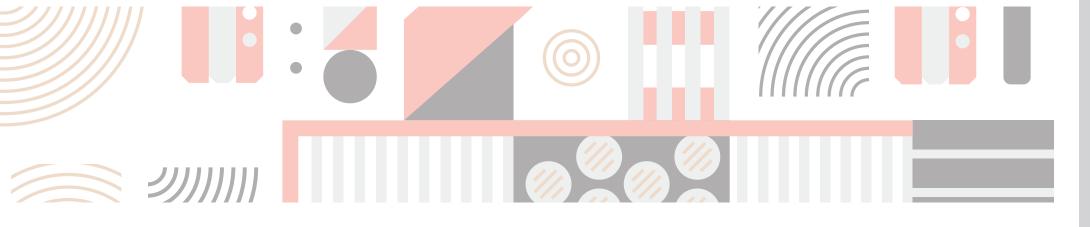


WHAT WE DO (in a nutshell)

We aid companies to move material and packages within a warehouse or factory

We design solutions that are:

- I. Focusing on small and mid size automation
- 2. Scalable and Modular
- 3. Easy to use
- 4. Customer Centric
- 5. Quick to deploy
- 6. With low operations and maintenance cost





MISSION

- Simplify Automation
- Make it accessible to all
- Make Intralogistics Material & Data flow more efficient, optimized and visible
- New Product Development focusing on small and medium sized automation

Intralogistics

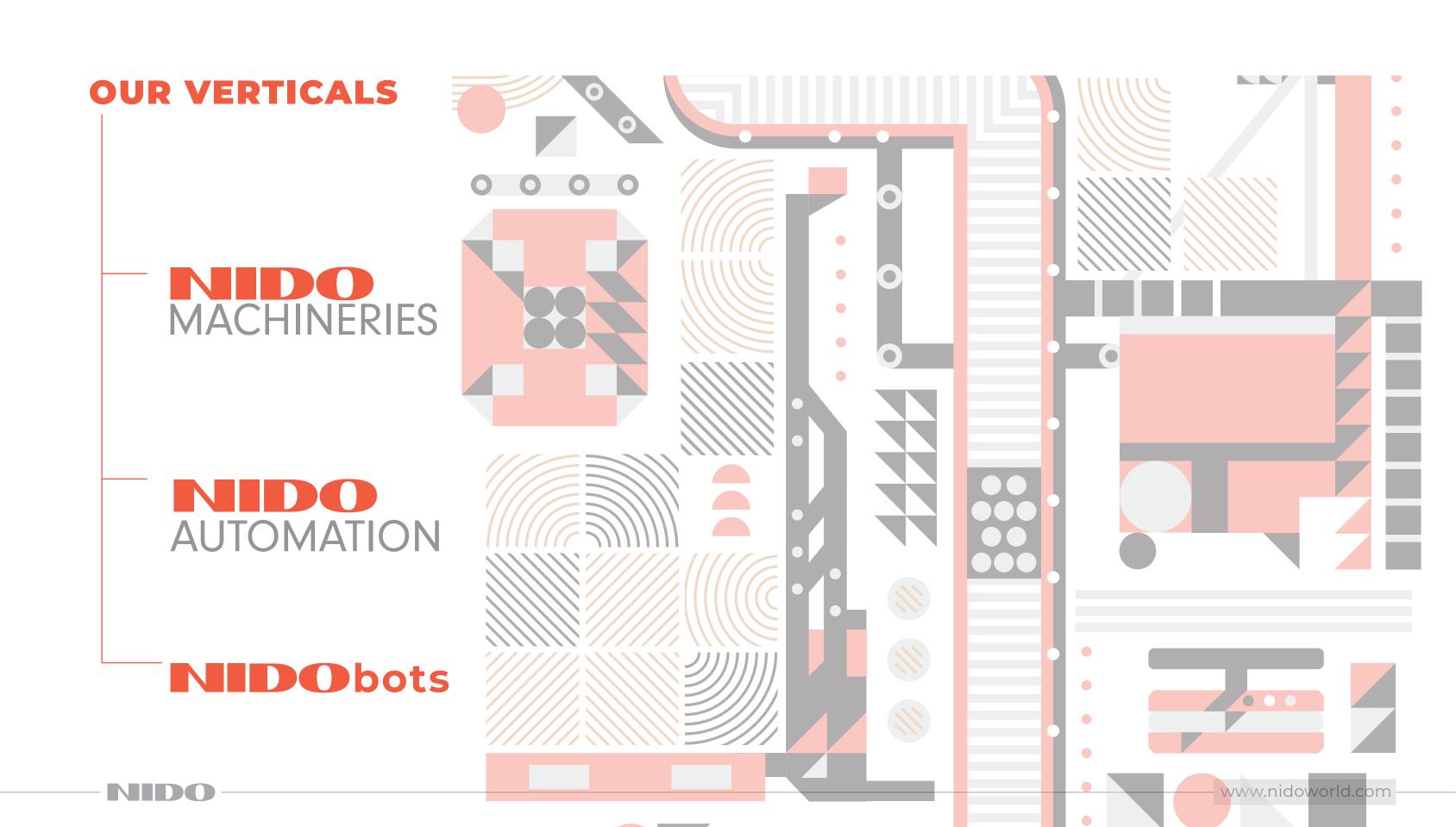
Material Flow

Mechanization

Automation

Robotic Solutions





NACHINERIES

Comprehensive Industrial Equipment & Solutions



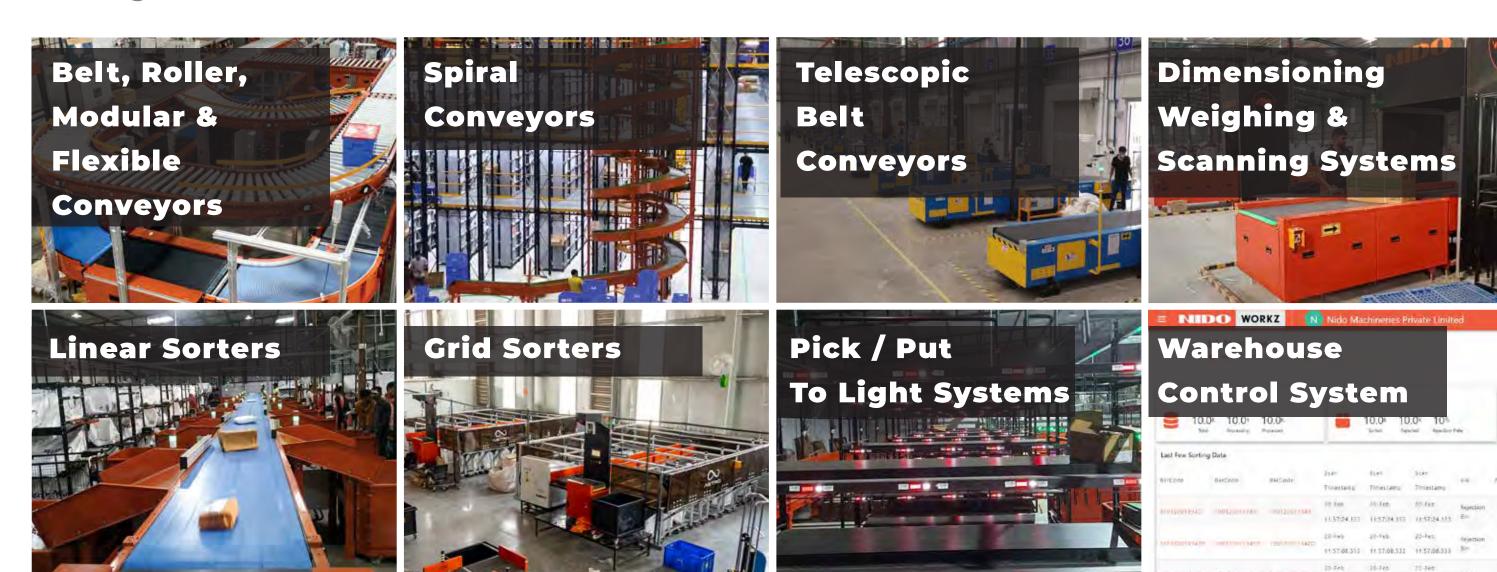






AUTOMATION

Intralogistics Material Flow Automation Solutions



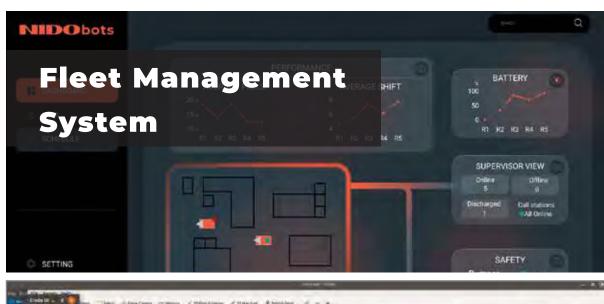
NIDObots

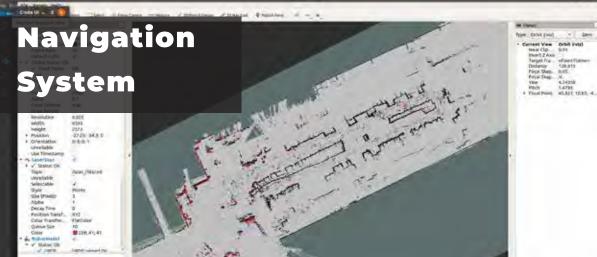
Practical, Modular and Integrated Mobile Robots



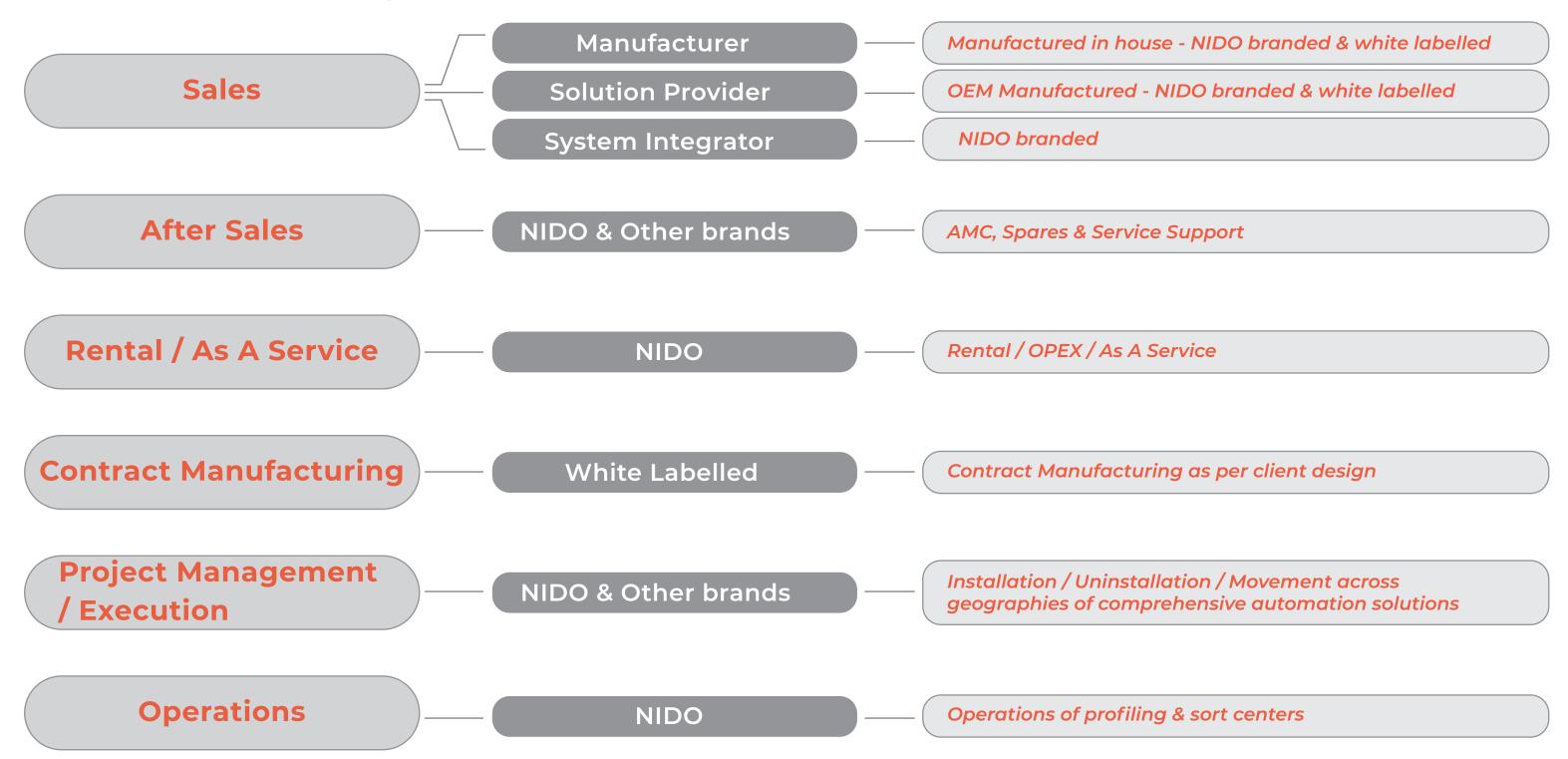








WHAT WE OFFER

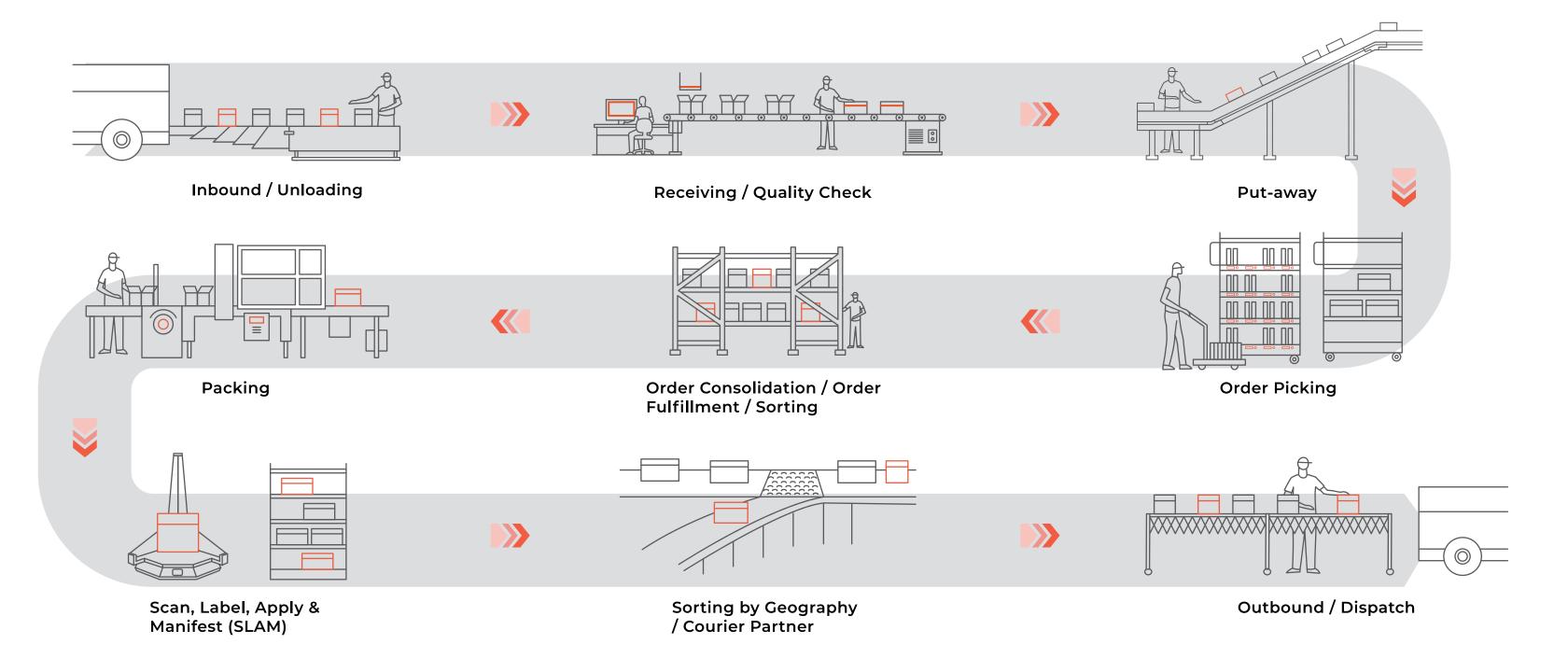


WHAT WE OFFER

	NI	DO GROUP	P - Intralog	istics Mater	ial Flow Aut	omation		
	Sales			After Sales	Rental / As A Service	Contract Manufacturing	Project Management / Execution	Operations
	Manufacturer	Solution Provider	System Integrator	Nido & Other Brands	Nido	White Labelled	Nido & Others Brands	Nido
MACHINERIES								
Material Handling Equipment - Standard	0	•	•	•	•	0	0	0
Material Handling Equipment - Customized	0	•	•	•	0	0	0	0
End of Line Packing Machines	0	•	•	•	0	0	0	0
Industrial Cleaning Equipment	0	•	•	•	•	0	0	0
Aerial Work Platforms	0	•	•	•	0	0	0	0
AUTOMATION								
Conveyors	•	•	•	•	0	•	•	•
Vertical Conveyors	•	•	•	•	0	•	•	0
Telescopic Belt Conveyors	•	•	•	•	0	•	•	0
DWS / Profilers	•	•	•	•	•	•	•	•
Linear Sorters	•	•	•	•	0	•	•	0
Carriage Belt Sorters	•	•	•	•	•	•	•	•
Grid Sorters	•	•	•	•	•	•	•	•
Consolidation / Fulfillment Automation	•	•	•	•	0	•	•	0
Pick / Put To Light Systems	•	•	•	•	0	•	•	0
WCS Software	•	•	•	•	0	\circ	0	0
ROBOTICS								
Autonomous Mobile Robot	•	•	0	•	0	•	0	0
Autonomous Pallet Handler	•	•	0	•	•	•	0	0
Autonomous Case Handling Robot	0	0	•	•	0	0	0	0

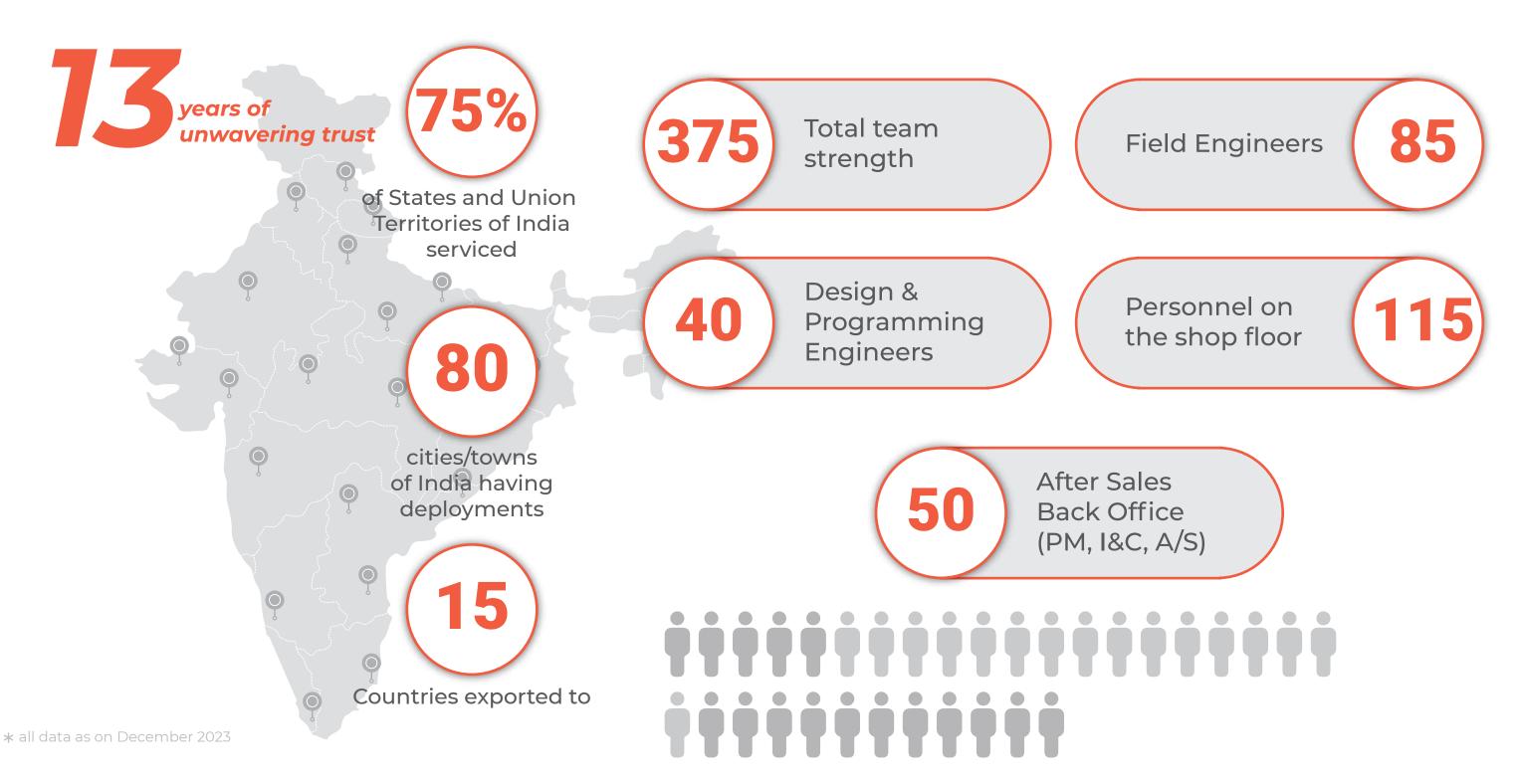


SOLUTIONS BY PROCESS





NIDO IN NUMBERS

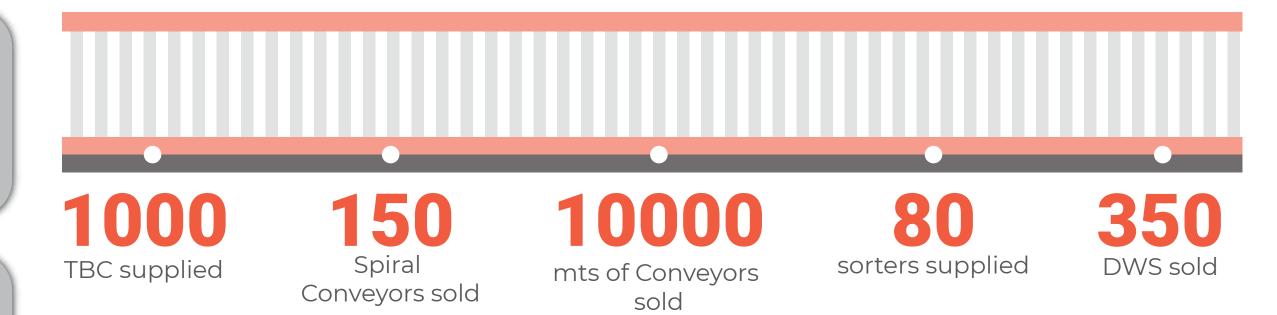


NIDO IN NUMBERS

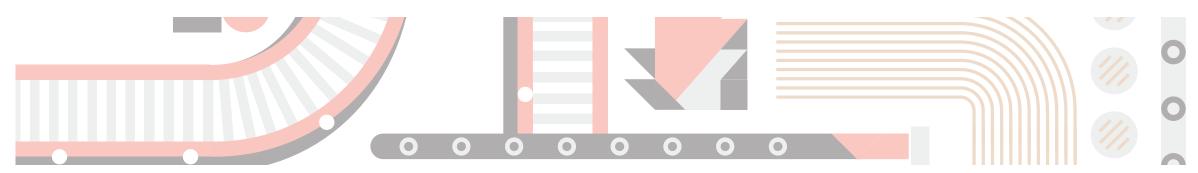
4500 unique customers

g ticket customers mn USD cum. sales)

1400 active customers in 2023

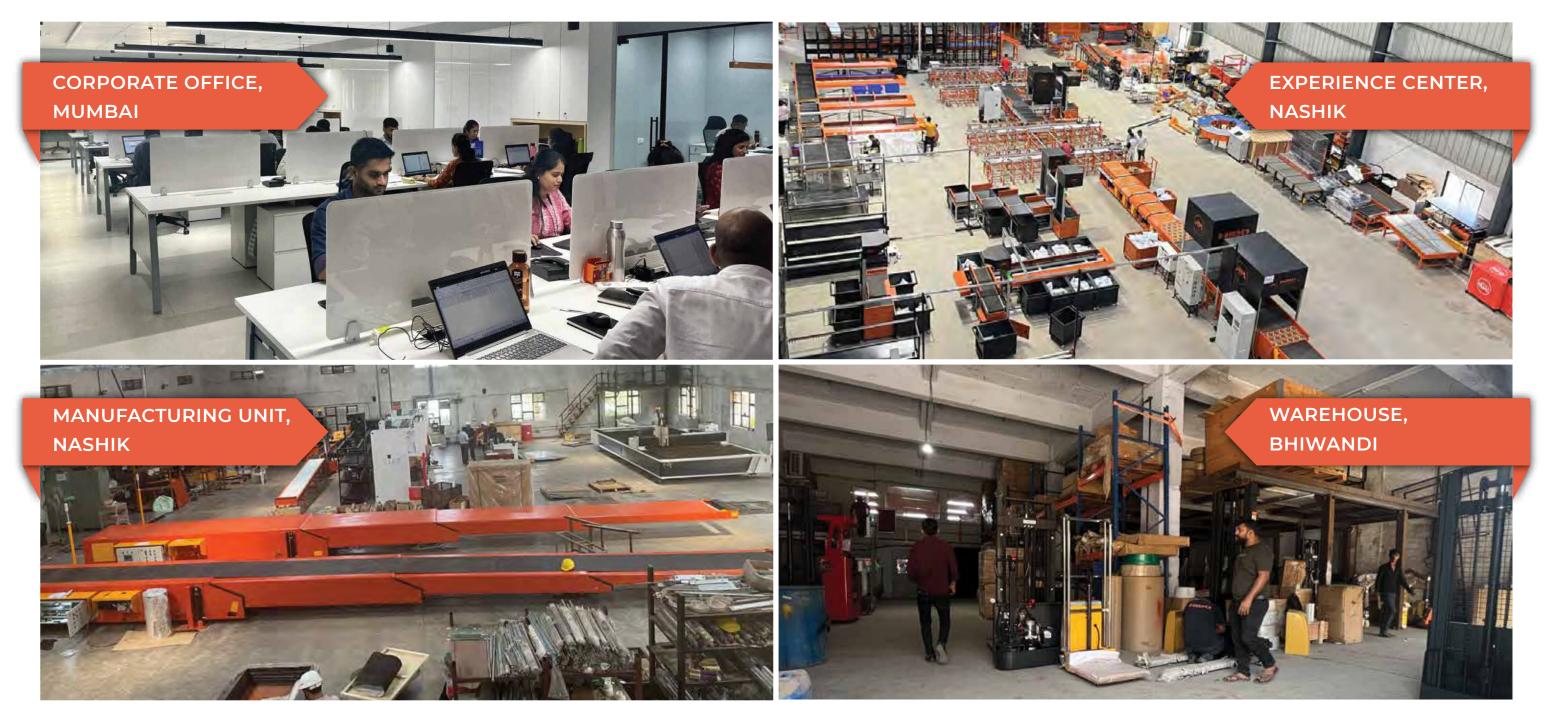


	Design	Development	Manufacturing	Testing	Deployment
Electrical - Controls Programming (PLC + HMI)	•		0	•	•
Electrical - Wiring & Control Panel		•	•	•	•
Mechanical		•	•		•
Software	•	•	0		•



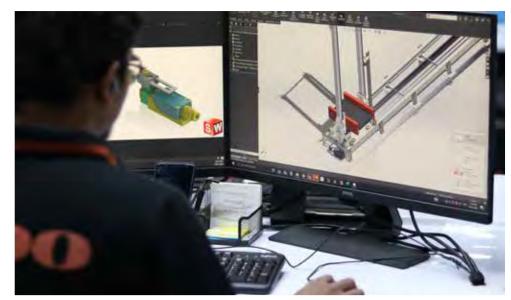
INFRASTRUCTURE

Our workspaces collectively encompass a space of **100,000 sq ft.** Our headquarters in Mumbai serves as the nerve centre of our operations. Additionally, we have strategically located **service centres in Bhiwandi, a manufacturing unit and experience centre in Nashik, and a satellite office in Gurgaon.**



IN-HOUSE MANUFACTURING PROCESSES

By leveraging these in-house manufacturing processes, we have the **flexibility**, **control**, **and capability** to deliver **custom solutions of the highest quality** to our customers. From concept to completion, we oversee every aspect of production to ensure **excellence in craftsmanship and customer satisfaction**.





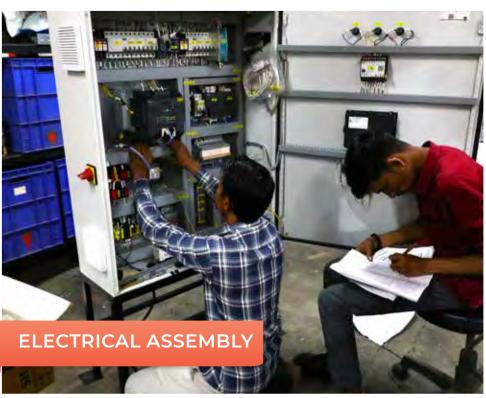


















MONTHLY MANUFACTURING CAPACITY



10000 mtrs of belt, roller or plastic Modular Conveyors

6 Telescopic Belt Conveyors

200 mtrs Flexible Motorized Conveyors

5 Power Spiral Conveyors

Oravity Spiral Conveyors

16 Astro Sorters

20 Capella Profilers (In Motion)

60 Capella / Cubiscan Profilers (Static)

20 Deneb Sorters upto 3000 pph

300 Astro Carts

6 AMRs

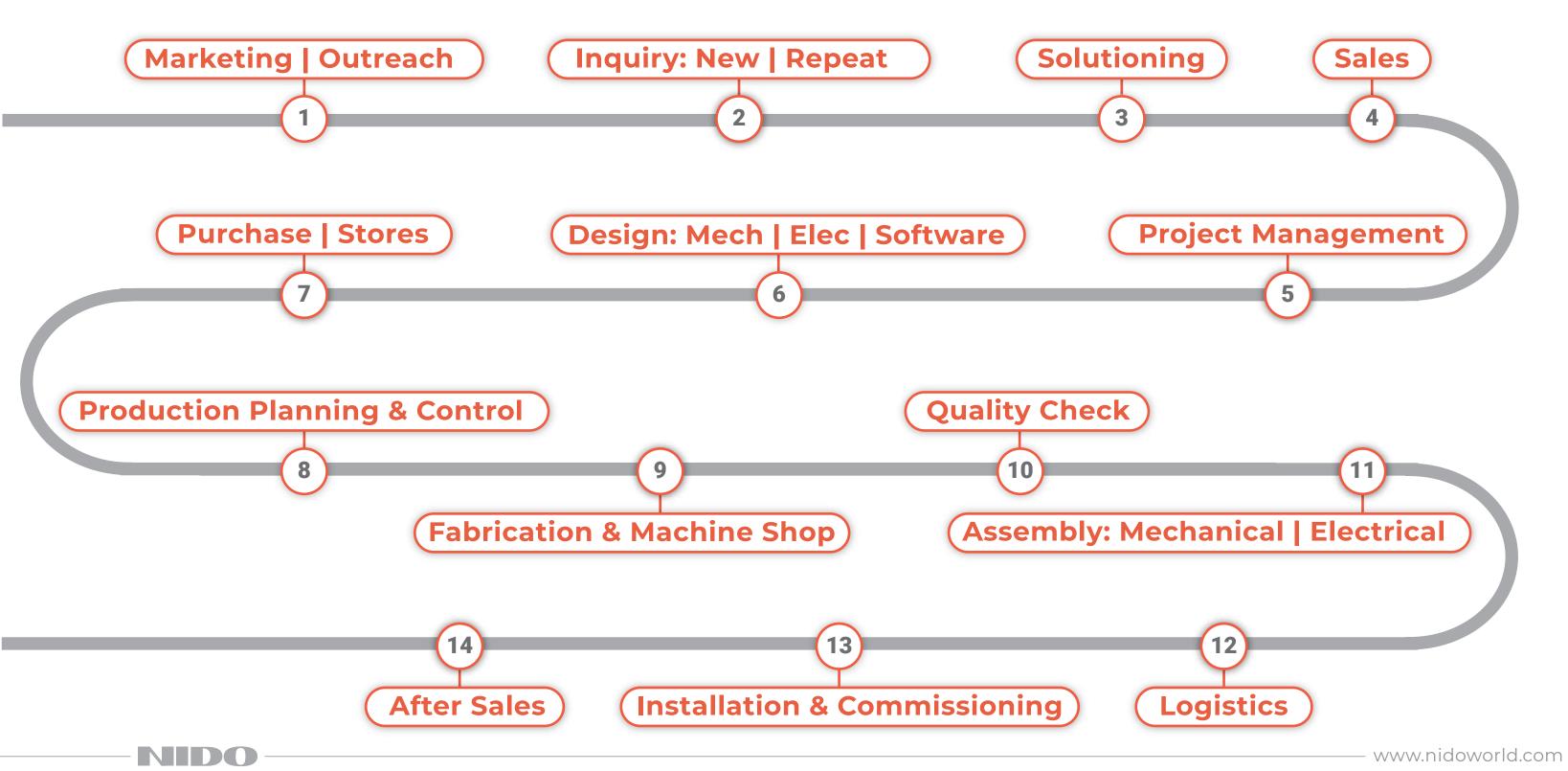
20 tons of Metal fabrication







HOW WE DO IT



OUR USP

Speed, Innovation. Flexibility. People. Prompt response to requests Designing pathbreaking client focused solutions Readiness to quickly adapt to situations to make things happen

Client first attitude and the willingness to go the extra mile to ensure customer satisfaction

NIDO

INDUSTRIES

E-commerce

Logistics & Freight

Courier, Express & Parcel

Cross Border Express

Grocery

Quick Commerce

Modern Retail

Merchandise & Apparel

Food & Beverages

Consumer Packaged Goods

Pharmaceutical & Beauty

Electronics & Appliances

Automotive















APPLICATIONS

Micro-Fulfillment Solutions

E-Commerce Operations

Order Consolidation / Order Fulfillment

Store Replenishment

Pharmaceutical / Retail Fulfillment

3rd Party Logistics and Fulfillment

Postal and Parcel Sortation

Package Putaway & Picking

Inbound Package Sortation

Returns Sortation















CLIENTS





































































































Intralogistics Material Flow Automation Solutions



Belt Conveyor

Roller Conveyor

Plastic Modular Conveyor

Flexible Conveyor



Sensor Based DWS Systems

CS 110 ND CS 25

CS 150 ND CS 325



Vertical Conveyors

Spiral Conveyor

Vertical Reciprocating Conveyor

Continuous Vertical Lifting Conveyor

Vertical Tote Lifter

FRP Gravity Chute



2 Stage 3 Stage 4 Stage



Sortation Systems

Linear Arm Sorter

Pop Up Sorter

Tote Diverter

Universal Roller Ball Sorter

Steerable Wheel

Sorter

Narrow Belt Sorter



PTL Systems

Pick To Light Systems

Put to Light Systems

Replenishment & Fulfillment Systems

Kitting Systems





Intralogistics Material Flow Automation Solutions



Vision Based DWS Systems

Mini Platform

Mini IPS

Mini Dual Induct

Midi Static On Conveyor

Midi Dynamic

Midi TBC



Carriage Belt Sorter

Mini IPS 4 Way

Mini 4 Way

Mini Dual Induct 4 Way

Mini Dual Induct 8 Way

Mini Dual Induct 8 Way DD

Mini IPS Z Type

Mini Dual Induct Z Type

Putaway, Consolidation, Fulfillment & Sortation Automation

AstroSort H - T

AstroSort H - H

AstroSort H - Cube

AstroSort V - T

AstroSort V - H

AstroFulfill V - T

AstroFulfill V - H

canopus Belt Conveyor



- Horizontal Belt Conveyor
- Inclined Belt Conveyor
- Declined Belt Conveyor
- Gooseneck Inclined Belt Conveyor
- Curve Belt Conveyor
- Spacing Belt Conveyor
- Z Type Belt Conveyor
- Weighing Belt Conveyor
- Loading Unloading Conveyor





















canopus Roller Conveyor



- Curve Taper Roller Conveyor
- Gravity Roller Conveyor
- Aligner Roller Conveyor
- AC Motor Power Roller Conveyor
- AC Motor Accumulation Roller Conveyor
- MDR Roller Conveyor (ZPA)
- MDR Roller Conveyor 30/45/60/900 Curve
- MDR Roller Merge Conveyor 30/45/600
- Telescopic Gravity Roller Conveyor













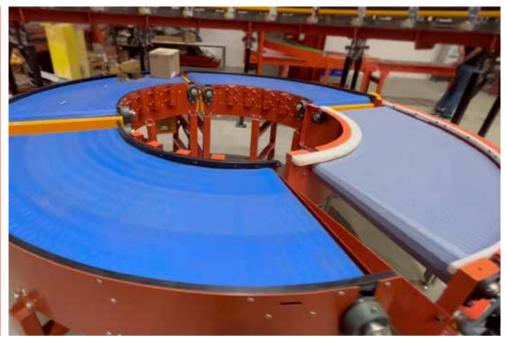




canopus Plastic Modular Conveyor



- Straight Plastic Modular Conveyor
- Curve Plastic Modular
 Conveyor 90/1800
- Cleat Belt Merger Conveyor
- Ball Top Plastic Modular













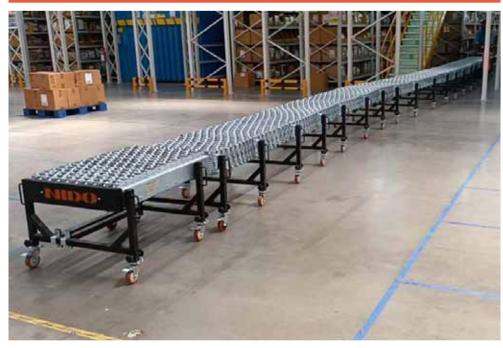
canopus Flexible Conveyor



- Flexible MotorizedRoller Conveyor O Ring
- Flexible Gravity Roller Conveyor
- Flexible Skate WheelConveyor











canopus Vertical Conveyor VERT



- Gravity Spiral Conveyors
- Motorized Spiral Conveyors
- Vertical Reciprocating Conveyors (VRC)
- Continuous Vertical Lifting
 Conveyors (CVLC)
- Vertical Tote Lifters
- FRP Gravity Chutes













regulus Telescopic Belt Conveyor



- 2 Stage Telescopic Belt Conveyor
- 3 Stage Telescopic Belt Conveyor
- 4 Stage Telescopic Belt Conveyor















LUBISCAN Dimensioning & Weighing System (sensor based)



- Cubiscan 110 ND
- Cubiscan 150 ND
- Cubiscan 25
- Cubiscan 325















Capella Dimensioning & Weighing System (camera based)



- Mini Platform
- Mini IPS
- Mini Dual Induct
- Midi Static On Conveyor
- Midi Dynamic
- Midi TBC



Auto

Manual Induction

Conveyor Induction

Single Induct

Dual Induct













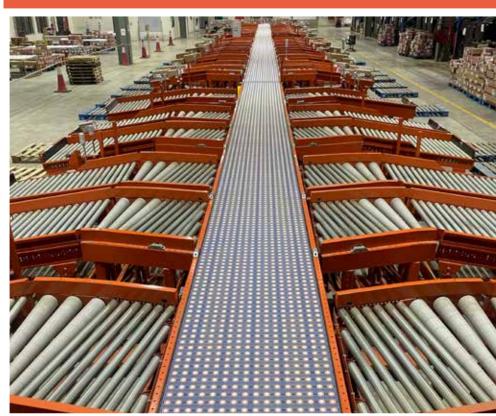








- Popup Sorter
- Tote Diverter
- Linear Arm Sorter
- Steerable Wheel Sorter
- Universal Roller Ball Sorter
- Narrow Belt Sorter













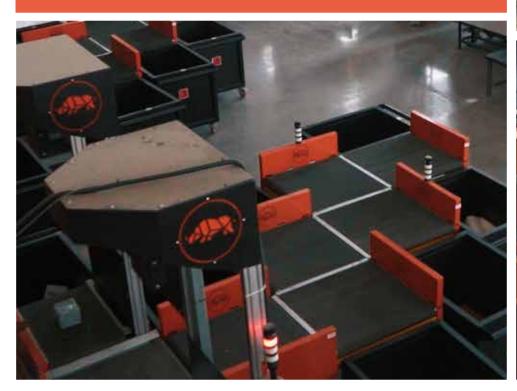




deneb Carriage Belt Sorter



- Mini IPS 4 Way
- Mini 4 Way
- Mini Dual Induct 4 Way
- Mini Dual Induct 8 Way
- Mini Dual Induct 8 Way DD
- Mini IPS Z Type
- Mini Dual Induct Z Type

















- AstroSort H T
- AstroSort H H
- AstroSort H Cube
- AstroSort V T
- AstroSort V H
- AstroFulfill V T
- AstroFulfill V H



















antares Pick / Put to Light Automation



- Order Picking
- Secondary Sorting
- Retail Store Replenishment
- Kitting















NIDObots

Practical, Modular & Integrated Mobile Robots



Pallet Handler

Pallet Stacker



Autonomous Mobile Robots

100 / 500 / 1000kg Material Handler With Attachments

HAIROBOTICS

Autonomous Case-handling Robot

NIDObots assists in unmanning the material handling, movement and transfer of goods with the help of our fully indigenously designed SIRIUS and IZAR series bots which are powered by our NIDONav navigation and NIDOFleet fleet management software.









NIDObots Autonomous Industrial Vehicle



- IZAR Pallet Handler
- IZAR Pallet Stacker
- SIRIUS 100/500/1000 Material
 Handler
- Software Solutions

Conveyor Transfer

Tugging

Lifting

Fixed Path

Flexible Path

QR Code















NIDObots Autonomous Case-handling Robot



Highly efficient Goods-to-Person solution designed for totes & cartons transportation and process optimization, providing efficient, intelligent, flexible, and cost-effective warehouse automation solutions through robotics technology.

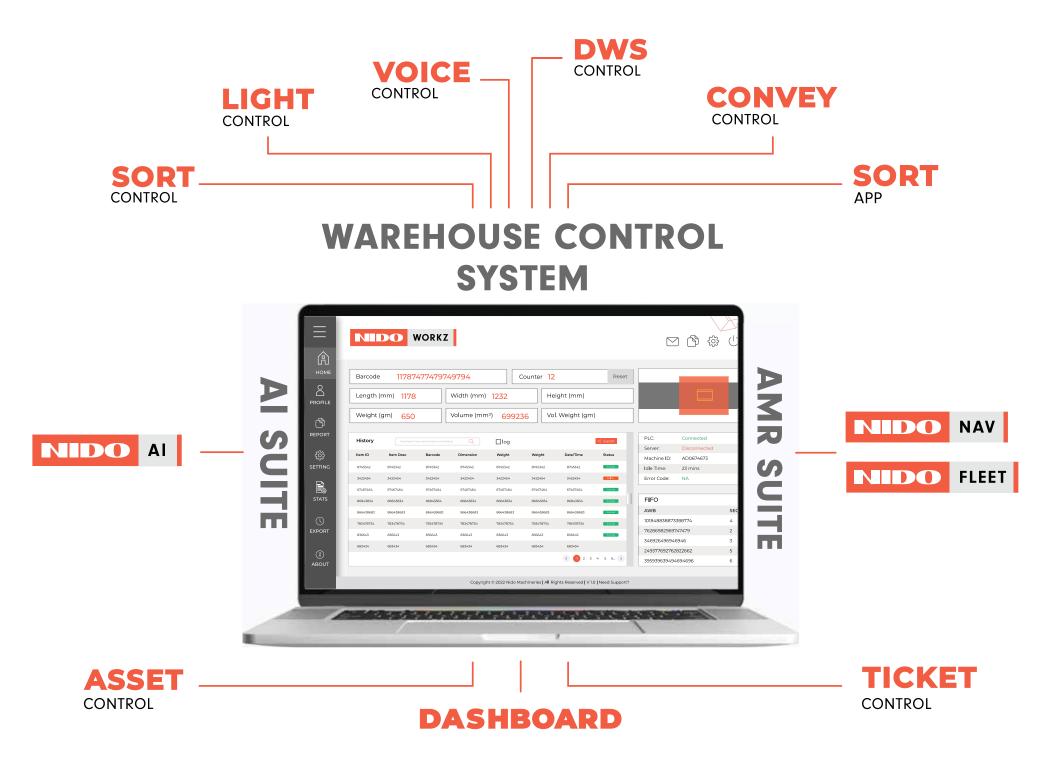
Manual Picking	ASRS	ACR System
Efficiency: 50-80 pcs/hr	Efficiency: 200-300 pcs/hr	Efficiency: 400-800 pcs/hr
Flexibility: High	Flexibility: Low	Flexibility: Very High
Cost: High Operator Cost	Cost: Very High / Long Payback	Cost: Economical / Short Payback



NIDO WORKZ Software Solution

SOFTWARE FEATURES

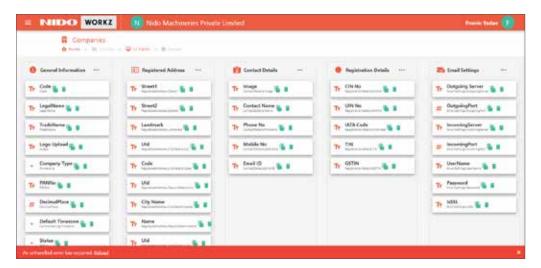
- Advanced Search & Filters
- Interactive tables, graphs & reports
- Flexible Configuration
- Login & User Management
- Real time notifications & alarm
- Seamless Integration with ERP
- Android Based App Control



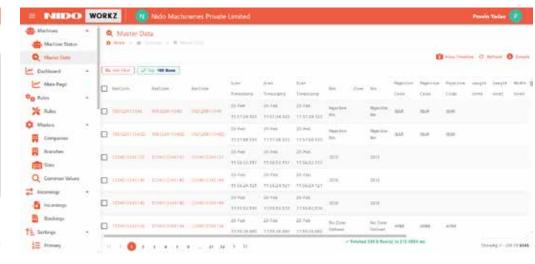




NIDO WORKZ Software Solution



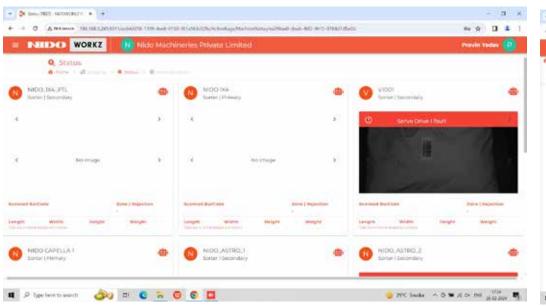
NIID WORKZ Nido Machinenes Frivate Limited 1.0 10.0 10.0 10.0 10.0 10.0 A Active Name



Rules and Logics

Dashboard

00 th 13 4 1



= NIIDO WORKZ Nido Mischin 100120011163 (NIDO, ASTRO, 2) Second. 🔳 👂 Type Ferre to search 🔊 🗯 😨 🛜 🔞 🙃 🛄 The state of the section of the state of the state of the section of the section

Equipment Status

AWB Detailed View

Master Data



Image with Embedded Details



NIDO WORKZ Software Solution

Data Handling and Processing

- Dynamic Data Type Recognition (mapping client data to ours)
- Multi-Key Sorting
- Custom Sorting Rules
- · File Format Compatibility
- Batch Processing (download, process and upload data in batches)
- API Integration (services mentioned below)
- · Reports: Filter download Options for CSV, Excel

Analysis and Visualization

- · Real time Dashboard
- · Bell Curve Analysis
- Graphical Analytics
- Statistical Analysis (range,standard deviation,variance)
- Outlier Detection (IP)
- · Pattern Recognition (IP)
- Correlation Analysis (done while pre-processing client validation)

System Health

- System Health Monitoring (up-time,down-time)
- Notification System
- Alarms

Integration and Communication Protocols

- HTTP/HTTPS
- FTP (File Transfer Protocol)
- MQTT (Message Queuing Telemetry Transport)
- SMTP (Simple Mail Transfer Protocol)
- TCP (Transmission Control Protocol)
- UDP (User Datagram Protocol)
- REST (Representational State Transfer)
- Modbus

Supported Data Formats

- · CSV
- Excel
- · XML
- · JSON

Security

- · Role-Based Access Control (RBAC)
- Data Anonymization (Client data is saved in codes)
- Detailed Logging (eg:- session tracking for changes made)

Advanced Features

- · Configurable Modes (semi,auto)
- Controlled Validations (min,max according to machine tolerance)
- · Calibration for Accuracy (data integrity)
- Event Uploads (can be Scheduled or Dynamic)

Service Integrations

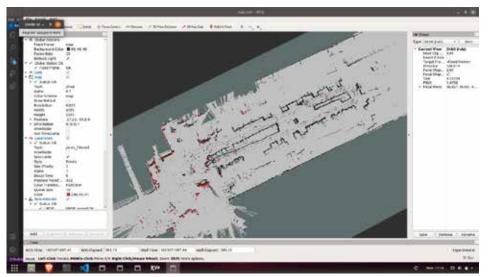
- Express
- · SOAP
- · TIBCO
- · REST





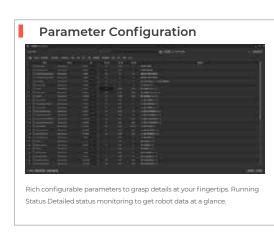
One-stop Implementation Tool: Roboshop Pro

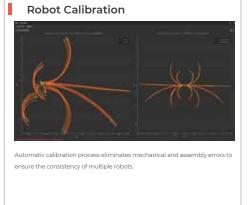
Roboshop Pro is a simple but strong one-stop implementation tool which can uniformly manage and configure all intelligent devices.



Navigation Management



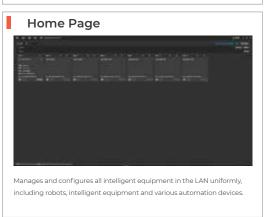






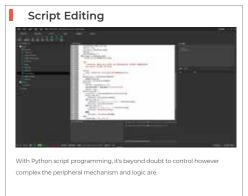




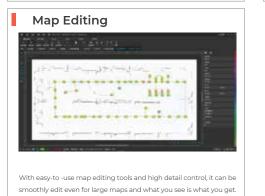








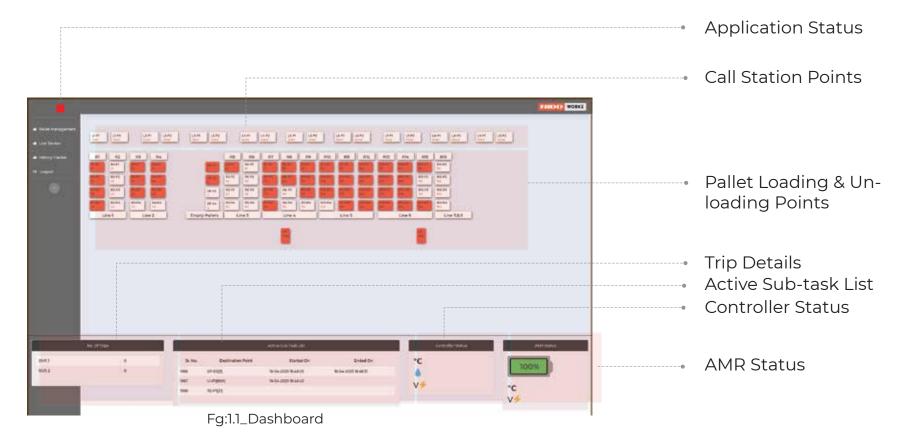






PalletControl - Pallet Management System (PMS)





PalletControl Pallet Management System (PMS) collects data from the mobile robots & commands them to pick / drop the pallets withing the zones. It provides a complete visibility of the empty and filled pallets and communicates with the Roboshop pro application to manage the fleet of robots.

- Task scheduling, monitoring and management
- Parking and auto-charging of taskless robots
- Robot monitoring and management
- Workshop equipment management

- Route Arranging and Traffic Control
- Users and Roles
- Reports & statistics





Linear arm sorter with put to light system
Primary and secondary sorting | Industry: 3PL



Universal ball sorter | Sorting of fragile items Industry: Apparel



Carriage belt sorter, Astro sortation system, PTL system, belt conveyor | Conveying, primary, secondary sorting and direct bagging | Industry: Cross border logistics



Carriage belt sorter | Dual induction with 8 way sorting | Industry: 3PL



Telescopic belt conveyor (bulk supply) | Loading and unloading automation | Industry: E-commerce



Solution: Tote handling and sorting | Conveying, colour based sorting, traffic management | Industry: E-commerce





Telescopic belt conveyor with dimensioning and weighing Loading and unloading, scanning, weighing and dimensioning | Industry: 3PL



Solution: Pallet handling autonomous mobile robot | Unmanned material handling with pallet management application | Industry: Sports retail



Camera based DWS System, Carriage belt sorter Scanning, weighing, dimensioning and sorting Industry: Courier express parcel



Put to light system | Retail store replenishment using light module | Industry: Quick commerce



Motorized spiral conveyor Vertical transport of items Industry: E-commerce





Flexible conveyor, steerable wheel sorter, Astro sortation system | Scanning, weighing, dimensioning and sorting | Industry: Courier express parcel



Motorized spiral conveyor, linear arm sorter\ | Vertical transport and sorting | Industry: Courier express parcel



Steerable wheel sorter, PTL system, Carriage belt sorter | Scanning, weighing, dimensioning and sorting | Industry: Courier express parcel



Conveyor, DWS system, Linear arm sorter | Scanning, weighing, dimensioning and sorting | Industry: Cosmetics



Gravity spiral conveyor | Downward transport with multiple inductions | Industry: Logistics



Pallet handling autonomous mobile robot | Unmanned movement of palletized loads | Industry: Appliances





Volume distribution sysem | Conveying, sorting and volume distribution system | Industry: E-commerce



Conveyor automation | Conveyor automation with traffic management | Industry: Courier express parcel (Location: Bahrain)



Astro Sort V | Vertical sortation of items to chutes | Industry: Courier express parcel/ 3PL

LANDMARK PROJECTS: PROJECT MANAGEMENT & EXECUTION









NIDO IN THE MEDIA























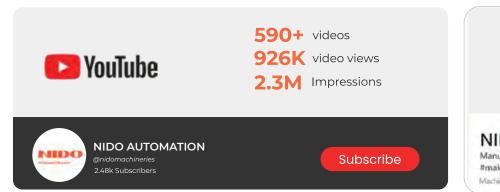


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Stock & Service Center:

Gala No. 4 & 5, Building No. E15, Harihar Complex, Mankoli Naka, Dapoda, Bhiwandi, Thane – 421302.

Manufacturing Unit:

Gat No. 216 to 222, Seagull Industries Gonde, Igatpuri, Wadivarhe, NH-3, Nashik, Maharashtra 422403.

Experience Center:

Plot No. 04, S No. 157/3, Ray construction, Near Pearl Plast, Gajanan Complex, At. Post – Vilholi, Nashik Maharashtra – 422010. INCREDIBLE THINGS
CAN BE DONE SIMPLY
IF WE ARE COMMITTED TO

MAKING THAPPEN"

-SADHGURU

#makingthingshappen

