www.impelintra.com

IMPEL™
INTRALOGISTIC

LOGI
INTERNAL
STIC
SYSTEMS

GO, SHIFT, ESCALATE

Manufacturer

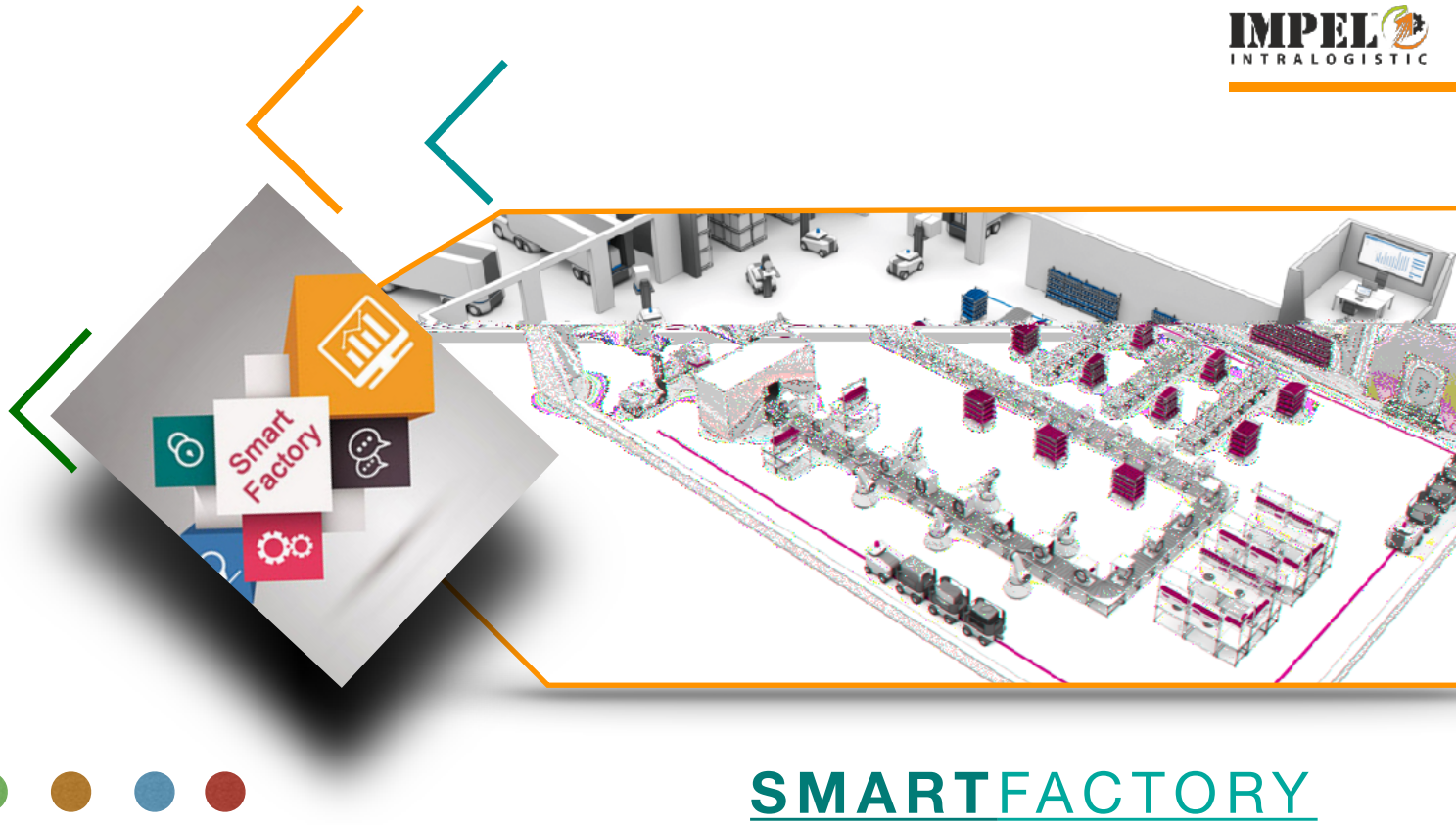
Impetus Prolific Private Limited

Impetus Prolific Pvt Ltd
C-1/55, Road - D, Phase - I,
Aji G.I.D.C., Rajkot - 360003
Gujarat (INDIA)

ajay@impelintra.com
info@impelintra.com
ajay@impelmotors.com

+91 (281) 2384198
+91 98795 99898

www.impelintra.com
www.impelmotors.com
www.impetix.com



SMARTFACTORY

Efficiency Through Innovation

Smart manufacturing and the Smart Factory is a broad category of manufacturing with the goal of optimising the manufacturing process. Smart manufacturing is the process that employs computer controls, modelling, big data and other automation to improve manufacturing efficiencies.

Smart manufacturing aims to take advantage of advanced information and manufacturing technologies to enable flexibility in physical processes to address a dynamic and global market. Smart Manufacturing is being predicted as the next Industrial Revolution or Industry 4.0. And, as with many other advances throughout recent years, it all has to do with technology connectivity and the advances in the contextualisation of data

The Definition of SMART FACTORY

The National Institute of Standards and Technology (NIST) defines Smart Manufacturing as systems that are “fully-integrated, collaborative manufacturing systems that respond in real time to meet changing demands and conditions in the factory, in the supply network, and in customer needs.”

The SMLC definition states, "Smart Manufacturing is the ability to solve existing and future problems via an open infrastructure that allows solutions to be implemented at the speed of business while creating advantaged value."

Introduction

Customised Conveying Systems

for Internal Material Flow

With a diversified product range of conveying system solutions in modular designs, IMPEL - Intralogistic reconciles the wide-ranging transport requirements within companies with high levels of efficiency and cost-effectiveness. The range of services encompasses a broad product portfolio of Carton, Katta, pallet, small parts, and tray conveying systems.

Our conveying systems keep your goods moving and form the basis for cost-effective processes in cases of recurring sequences of steps, which are always carried out on the same transport routes. The high quality and compatibility of all our components ensures that the entire system runs smoothly, meaning that your investment is secure.

Transporting, sorting, feeding in and rejecting, storing, stowing away – the diversity of the Intralogistics tasks is matched by the range of components and solutions. With our various conveying elements, we have the right conveying system range ready for any application.

Your Advantages

- Complete solution from a single Source
- Wide range of Solutions for almost all transport aids
- Long term productivity due to reliable component
- High Efficiency and Throughput, Thanks to the latest

Overview

What & why

Intralogistics

The growing demand for products and services puts great pressure on logistics performance and enhances the role that logistics plays in determining a company's competitiveness.

Today's technical development, expanding markets and growing population increase the demand for products and services. This demand requires an increased focus on logistics since it puts great pressure on the logistics performance in the form of, for example, just-in-time supply of material, efficient material handling within operations, and on-time delivery of finished products. Therefore, the role that logistics plays in companies' industrial performance and competitiveness is great.

FLEXIBILITY
AVAILIBILITY
PERFORMANCE

The internal logistics system (with the internal logistics activities) constitutes a necessary and vital part for the overall function of organisations in a wide spectrum of lines of business.

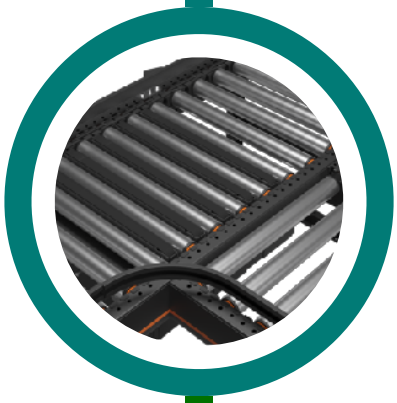
In the manufacturing industry, the main task of the internal logistics system is to provide necessary supplies to the company's operational units. A failure in the flow of materials or adherent information can result in costly downtime, which clarifies the significance of a well-functioning internal logistics system for the functioning of all operational units. In other lines of business, such as the healthcare sector, the need to have the right materials and information in the right place in the right time is even more critical since it can influence the possibilities to perform proper care.

Design details

Intelligent Conception, Sophisticated Design details and Advanced Technologies.

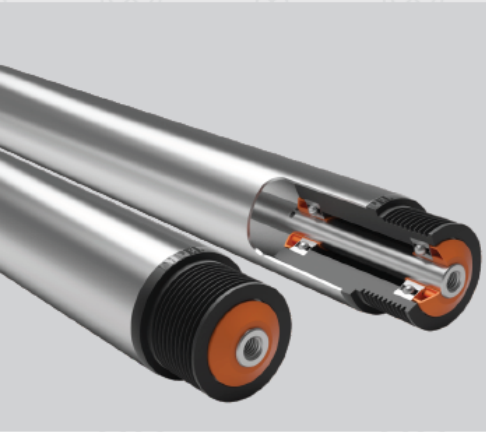
- Conveying System with solid C - Profile.
- Standardise profile for roller conveyor and belt conveyor
- Profile internal space usable as cable channel.
- Separating plate in profile serves as electrical shielding of data lines.
- Flexible Conveyor railing are clipped onto conveyor frame
- Shapely, homogenous characteristics, standardised for all conveyor element.
- Ergonomic design with rounded of edges.
- Easy accessibility for maintenance purpose also during operation.
- Uncomplicated spare parts management.

Our Technical innovation and state-of-the-art solutions ensure your leading role in order placing.



- Flexibility of use thanks to drive-roll technology in floor conveyors, curves which allow for accumulations etc.
- Modular construction of all components. (e.g. support legs, gates)
- Extremely long lifespan thanks to the application of enhances components (e.g. PolyVee belt instead of conventional belt).
- Component manufacture based on the latest production technologies.
- Systematic movements with your warehouse-reliable, fast and low noise transport of your goods.
- Perfectly tuned conveying system component offer highest flexibility.
- New conception, extension or modification -
- Anything is Possible.

GO. SHIFT. ESCALATE



MOD APPROCH ULAR

www.impelintra.com

IMPETUS PROLIFIC PVT. LTD.

C-1/55, Road - D, Phase - 1, Aji GIDC, Rajkot 360003, Gujarat, INDIA

phone: +91 (281) 2384198 | direct no: +91 98795 99898 | email: info@impelintra.com

www.tes-india.com +91 281 2463346