

Pallet Handling Systems

To optimize distribution and logistics



THANKS TO ITS EXPERIENCE IN BOTH CONVEYING AND LINE DESIGN, SIDEL DEVELOPS ITS PALLET HANDLING SOLUTIONS WITH THE AIM OF OPTIMIZING YOUR END-OF-LINE'S EFFICIENCY. SIDEL OFFERS YOU ITS EXTENSIVE KNOW-HOW IN MECHANICS, AUTOMATION AND CONTROLS FOR CONVEYING THAT IS PERFECTLY SUITED TO YOUR LINE.

Customized conveying solutions

UNIVERSAL RANGE

Thanks to their all-purpose design, Sidel pallet conveyors are suitable for use in various industries: food and beverage, chemical, glass, paper industry, cement works, etc.

Their mechanical engineering characteristics have been optimized to face the most demanding running conditions. Able to convey any kind of product, in any configuration (transport, orientation, pallet shop equipment, etc.), they are versatile and can easily adapt to any change in your production requirements.

CUSTOMIZED SOLUTIONS

The completeness of the Sidel range of pallet handling equipment makes it possible to build customized solutions adapted to both your product and layout.

A team of specialists analyses your need and produces a plant layout study complying with the requested performance and quality criteria. Our designers look into the parameters and constraints of your packaging or palletizing shop in order to improve the arrangement of your handling systems and achieve potential space savings, in full compliance with standards and regulations. They can also assist you when considering the organization and operation of your workshop.

FAST AND EASY RAMP-UP

The Sidel "Plug & Play" approach is based upon a modularity principle: each Sidel pallet conveyor is a networking but independent module. Each «conveyor module» has its own regulation program, which simply «plugs» onto the central automaton that is responsible for the line regulation. Conveyor pre-assembly and pre-wiring make the connection with the rest of the equipment easy. As a result, installation, integration and ramp-up are fast for a successful commissioning.

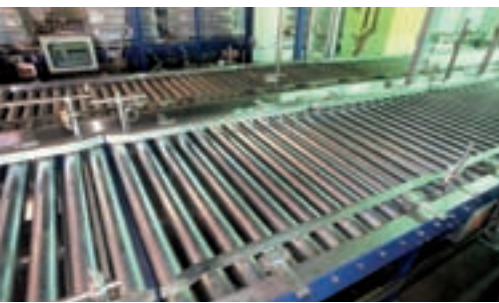
ERGONOMIC DESIGN

The presetting of control automation and the use of functional drives designed to handle multiple formats with minimum settings allow flexible and immediate format change.

An intuitive operator panel eases these format changes and makes our conveying systems user-friendly for daily use.



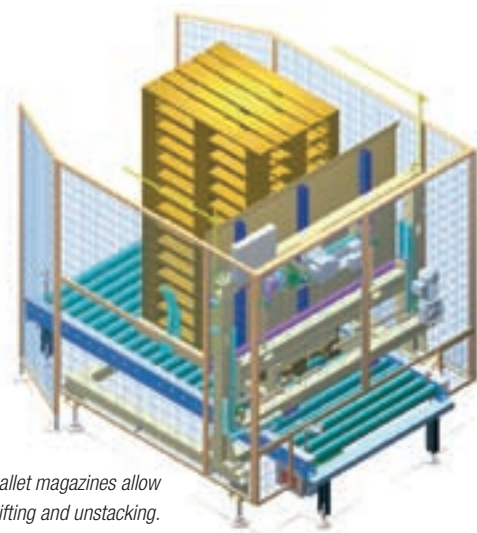
Sidel installs its pallet handling equipment to succeed in performance, saving in space and ergonomics.



Roller conveyors provide precision pallet transport.



Pallet transfer tables allow change in the orientation and direction of pallet transport.



Empty pallet magazines allow empty pallet lifting and unstacking.

	Equipment	Application	Width	Load (Kg)	Specific features
Transport					
	Chain conveyors	Transverse (crosswise) pallet transport or for unstable pallets	From ½ pallet to 1,200 mm	1,500	Modular - 2 to 4 chains. Security protections included.
	Roller conveyors (free / motorized)	Lengthwise pallet transport	From ½ pallet to 1,000 mm	1,500	Lateral pallet guidance. Security protections included.
	Modular belt conveyors	Transport of ¼ or unstable pallets	From ¼ pallet to 1,200 mm	1,500	Lateral pallet guidance. Security protections included.
Options					
	Transfer tables	Change in the direction of the pallet	From ½ pallet to 1,200 mm	1,500	Totally electromechanical. Security protections included.
	Rotary tables	Change in the direction but not in the conveying axis of the pallet	All pallet types	1,200	Progressive movement speed enabled by mobile arm. Totally electromechanical. Lateral pallet guidance.
	Dividing table	Pallet distribution (1/2 or 2/1)	All pallet types	1,200	Progressive movement speed enabled by mobile arm. Totally electromechanical. Lateral pallet guidance.
	Shuttles	Conveying axis change	All pallet types	1,500	Progressive approach speed. Reversible. Totally electromechanical.
Pallet shop equipment					
	Elevators / dischargers	Level change up to 10 m	From ¼ pallet to 1,200 mm	1,500	Progressive approach speed. Totally electromechanical. Lifting chain automatic tension.
	Consolidation / de-consolidation table	(De-)Consolidate pallets to allow use of double-fork lifting carts	from 800 mm to 1,000 mm	1,500 per pallet	Lower encumbrance. Totally electromechanical.
	Stacking / destacking tables	Stacking of ½ or ¼ pallets on a larger pallet	from 800 mm to 1,000 mm	1,500	Progressive fork speed enabled by mobile arm. Totally electromechanical.
	Empty pallet magazines	Electromechanical lifting: 15 empty prod. pallets	Up to 1,200 x 1,200 x 190 mm	150	Front or lateral supplying.



www.sidel.com

Sidel Blowing & Services, hereinafter "Sidel", - Avenue de la Patrouille de France - F-76930 Octeville-sur-mer - RCS Le Havre B 424 623 759 - EN - As we constantly strive to improve production, Sidel reserves the right to modify its equipment. Therefore, this document cannot be considered as contractually binding. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, without the previous written approval of Sidel. All intellectual property rights, including copyright, are reserved by Sidel Blowing & Services or its associated companies. - © comme € 02 35 73 15 - Printed on recycled paper.