

Primary Tobacco Expertise — Principles



The tobacco industry has its own very typical and complex internal logistics, which CSI has mastered in every minute detail, the vital points being reliability and flexibility. In the meantime, leading tobacco producers like Philip Morris, British American Tobacco and Reemtsma have seen abundant proof of our expertise. That's why we are ready for the next producer who wants his internal tobacco transport to run like clockwork.



IMPROVING PERFORMANCE

The production of cigarettes is a complex matter. In many cases, different kinds of raw tobacco are mixed to be processed into a range of different brands of cigarettes. The innumerable individual brands often also have their own individual appearance in the form of their primary and secondary packing.

In order to be flexible in anticipating any sort of changes and guaranteeing a continuous operational safety, an excellent logistical system is absolutely pivotal to steering all internal production streams in the right direction.

CSI has completely mastered all internal logistical processes. On a world-wide scale, product streams are directed along the right lanes. And outside the tobacco industry, some global players like Unilever, Procter & Gamble and Mars have already been using our innovative system solutions on a wide scale.

We are one of the very few to be able to offer total concepts. And that's what counts in the end. When all's said and done, maximum efficiency, high operational safety, low maintenance costs, simple control and a top quality level are the unmistakable and inextricable features of CSI.



CSI • Lissenveld 41 • 4941 VL Raamsdonksveer • P.O. Box 70 • 4940 AB Raamsdonksveer, the Netherlands
Tel: +31 162 575 000 • Fax: +31 162 575 111 • e-mail: info@csiweb.nl • www.csiweb.nl

CSI, UK Office • Telephone: +44 1276 686 862 • Telefax: +44 1276 682 397

CSI GmbH Germany • Telephone: +49 2852 509 990 • Telefax: +49 2852 5099 91

IMPROVING PERFORMANCE

Primary Tobacco Expertise



Destacking and supply of empty bins

Empty bins are automatically destacked and transported to the stations where they are filled up with tobacco.



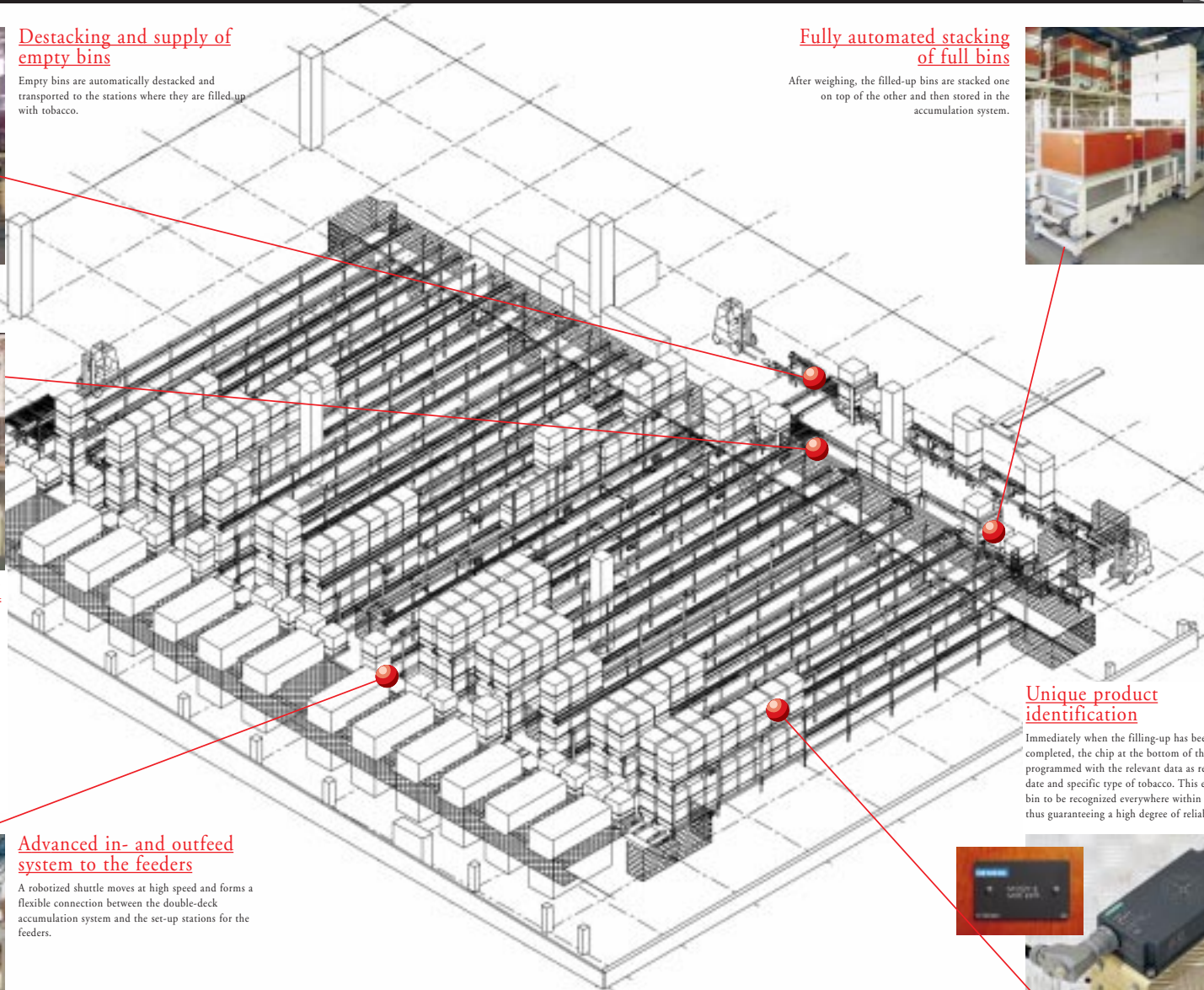
Continuous in- and outfeed of bins to the filling stations

An shuttle ensures the connection between the accumulation system and the filling-up stations. In order to perform at high capacity, the shuttles have been equipped with double telescopic forks.



Advanced in- and outfeed system to the feeders

A robotized shuttle moves at high speed and forms a flexible connection between the double-deck accumulation system and the set-up stations for the feeders.



Fully automated stacking of full bins

After weighing, the filled-up bins are stacked one on top of the other and then stored in the accumulation system.



Unique product identification

Immediately when the filling-up has been completed, the chip at the bottom of the bin is programmed with the relevant data as regards batch, date and specific type of tobacco. This enables the bin to be recognized everywhere within the system, thus guaranteeing a high degree of reliability.

