



AUTOMATIC TRAIN WAGONS LOADING & UNLOADING SOLUTION

UNIQUE & FLEXIBLE

ancra
LOADING+UNLOADING SOLUTIONS

In 2019 Ancra Systems, a global ATLS expert in the Automated Truck/Container Loading and Unloading Solutions developed a new rail transport solution for Automatic Train Wagons Loading and Unloading (AWLS).

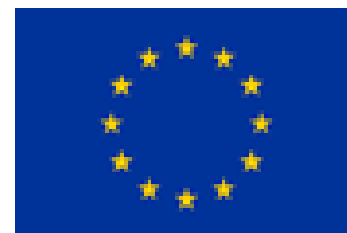
It officially entered the market in 2020.

The AWLS System can load and unload pallets into/out of a rail freight wagon in a safe, quick and easy way, with a few processes steps as possible, with optimal control of the pallet flow. At low cost and with high reliability.

As part of the grant agreement No 723274.

For more information please view:

www.lessthanwagonload.eu



ABOUT AWLS



Unique Customized

The AWLS system is a special design for Hiirrs or any other type of automatic train wagons automatically transported pallets in/out of the train wagons from/to an output conveyor via a specially designed Automated Guided Vehicle (AGV) System.

Load Preparation

The output conveyor (stationary system) a chain conveyor system and slat conveyor system (cross-section), which is connected to the warehouse and the truck. When the pallets are loaded onto the output conveyor and it's ready to be loaded.

Multi-Direction

Wheels installed under the AGV system, it can pick up the pallets from different places and load the cargo onto every wagon flexibly.

DESIGN & FUNCTIONALITY

THIS IS HOW IT WORKS



Load/Unload in
just 4 minutes



Reduce the labor
and forklift costs



Optimize the turnaround
time to reduce the forklift trucks



Higher Return On Investment
(ROI) in ONE year

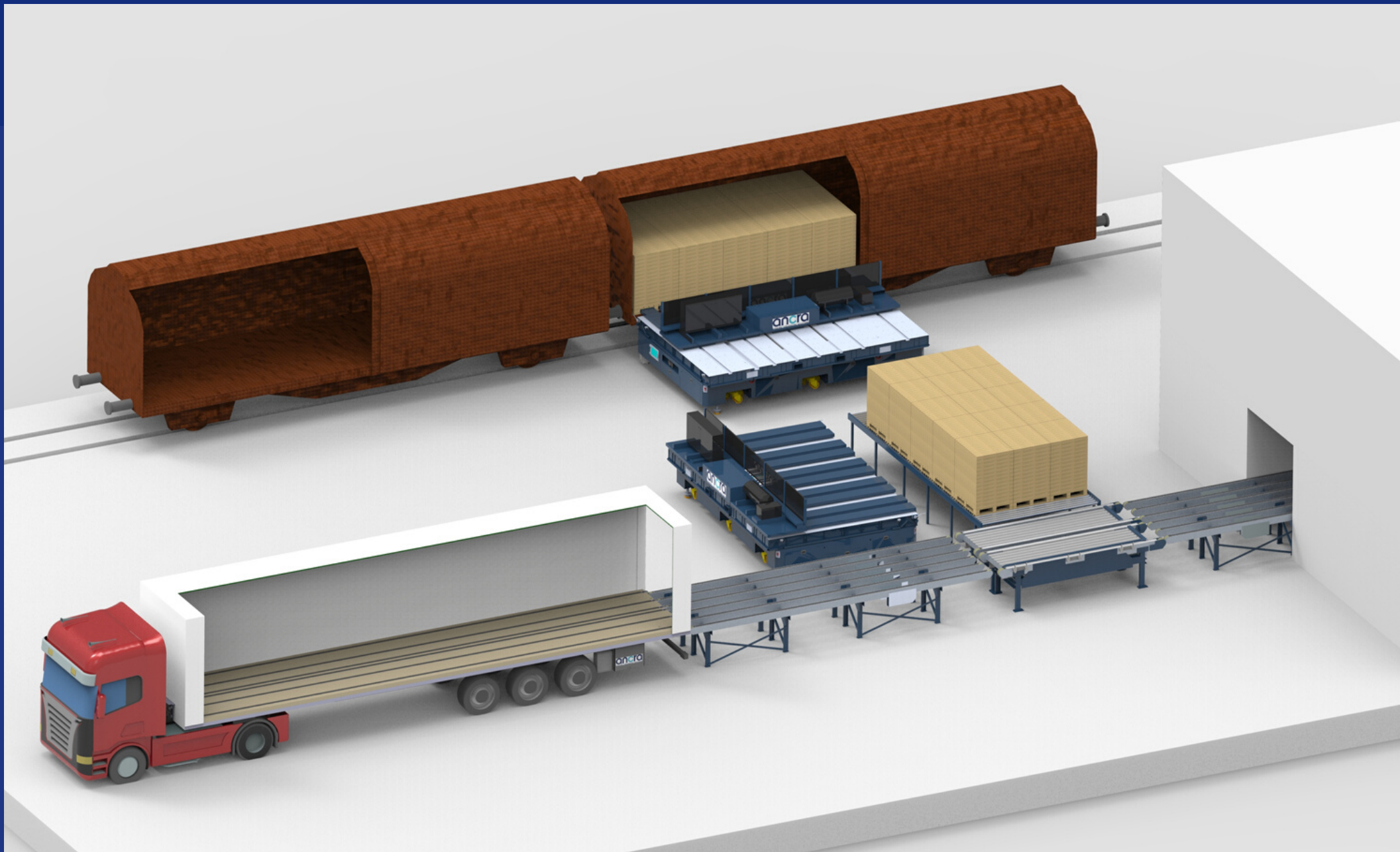
BENEFITS OF AWLS

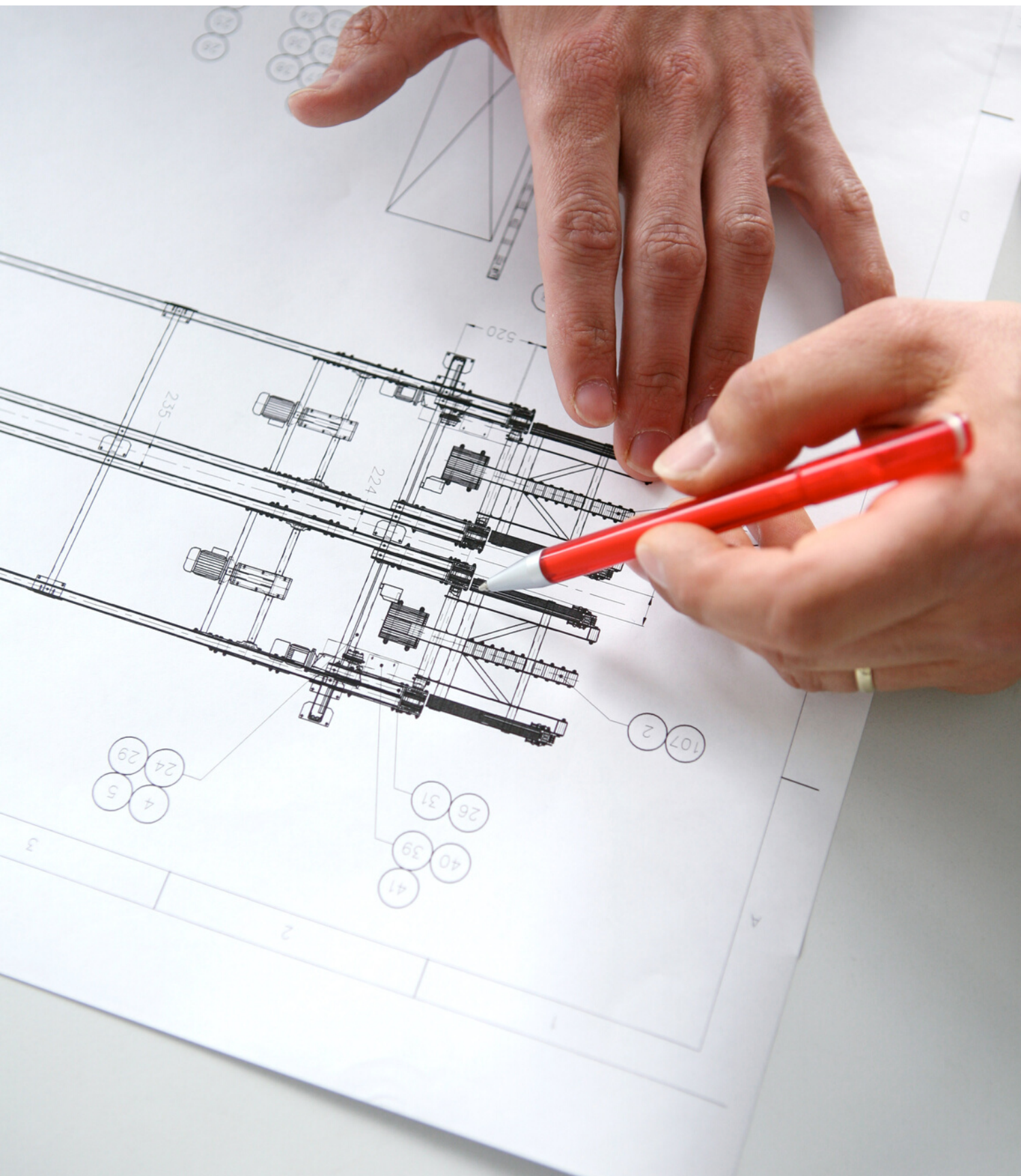
CASE STUDY

One train with 23 wagons in total 600m long, each wagon will be loaded 60 pallets. Total loading time is 4 hours 1380 pallets, 345 pallets/hour with 3 X AWLS.

It needs 17 forklifts trucks and operated by 17 workers and 17 additional workers inside the wagons for opening the doors and slide the pallets.

But use the output conveyor with the AWLS system, The number of forklift trucks from 17 reduce to 0, The workers from 34 persons reduce to 2 persons.





Ancra Systems

AUTOMATIC TRUCK/CONTAINER ONE-SHOT LOADING & UNLOADING SOLUTIONS

Ancra Systems B.V. is the worldwide leading specialist & manufacturer in the field of Automatic Truck/Container One-shot Loading & Unloading Solutions (ATLS).

With 30 years' experience, Ancra Systems has successfully installed more than ONE THOUSAND systems in a wide range of industries around the world—from standard systems to highly customized solutions, providing reliable, highly effective, and efficient loading and unloading solutions that can meet your exact requirements..



TIME TO TAKE ACTION

06

Meet the ATLS Experts

to find a best solution!



+31 (0)880 247 111



INFO@ANCRASYSTEMS.COM



ANCRA SYSTEMS B.V.

the Netherlands

www.ancrasystems.com

ANCRA SYSTEMS B.V. | AWLS