

# COMBi-CSS CONTAINER LOADER

Load and unload containers quickly and safely with the Combi-CSS. Add loads of up to 30,000 kg in 6 minutes.

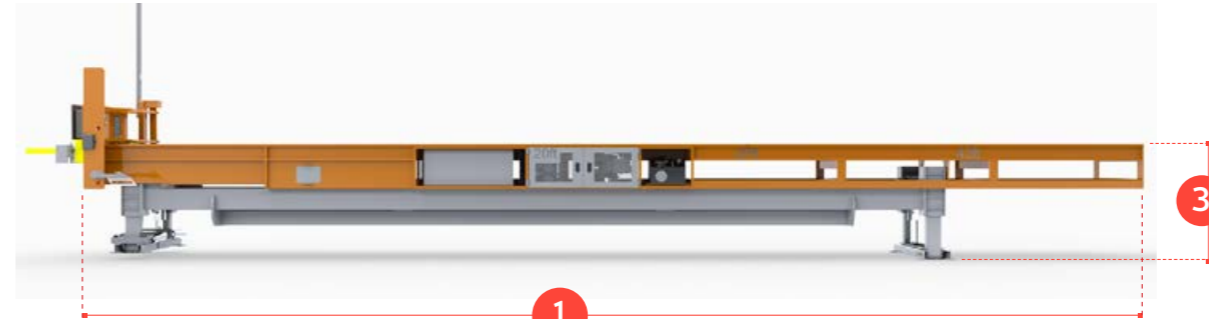


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## COMBi-CSS CONTAINER LOADER

### Super Fast Turn Around Times



Ref.	Description	Combi-CSS Slip-Sheet
1	Overall length	14700 mm
2	Width	3262 mm
3	Height	1253 - 1623 mm
A	Capacity	30,000 kg
B	Motor	37 kW 3 Phase
C	Hydraulic stroke mechanism	12160 mm
E	Container sizes	20'/30'/40'
F	Slip sheet Material	Hardox
G	Cycle Time	40' in 6 mins

#### Fast Load Cycle

- Load a 40' container in under 6 minutes
- Load a 20' container in under 3 minutes

#### Patent Application

PCT/EP2019/059638 - Pulling Transfer System

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**FASTEST & SAFEST WAY TO LOAD & UNLOAD A CONTAINER**

**COMBiLiFT**  
LIFTING INNOVATION

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# LOAD A CONTAINER IN UNDER 6 MINUTES

Loading containers can be a costly and time consuming process, often performed using unsafe procedures by multiple forklifts and many operators.

The Combi-CSS from Combilift, is the ultimate alternative to traditional container loading and unloading.

All loading is done outside the container. The load, weighing up to 65,000 lbs. can be safely and quickly formed on the platform, to optimum capacity, by one forklift and a single operator.

ROI will be achieved in a very short time and for this reason the Combi-CSS is the obvious choice for container loading.

## HOW THE COMBI-CSS WORKS

**2** The truck docks the container against the Combi-CSS via our proprietary **Guided Locking System**.

**1** The lumber is pre-loaded onto the **Hardox® 500 steel slip-sheet** platform.

**7** The **Load Retention Barrier** closes across the container, holding the load within the container while the Slip-Sheet hydraulically retracts.

**6** The load is conveyed into the container on a Hardox 500 steel Slip-Sheet by our **Patented Push-Pull Mechanism**, powered by a dual-directional **3 Phase Electric motor**.

**3** A **Laser Alignment System** provides the operator with a visual aid for alignment of the container to the combi-css. It also automatically detect the container length and sets the travel distance of the slip-sheet into the container

**4** **Hydraulic Pins** on either side engage the corner castings of the container to anchor the container to the Combi-CSS.

**5** A **Hydraulic Platform Leveling** system at the front and rear of the Combi-CSS automatically adjust the **Height and Pitch** of the Combi-CSS to precisely align with the container.



## SAFER, MORE EFFICIENT CONTAINER STUFFING

- Maximize safety by load forming outside the container.
- Optimize & standardize loading procedures.
- Reduce product damage.
- Damage from load binding is eliminated.
- Speed up turnaround times.
- Lower operating costs
- Requires one operator.
- Eliminates forklift damage from load pushing.
- Reduce forklift fleet size.
- No Emissions

