

# ACS ADVANTAGE: *AUTOMATED PALLET HANDLING* ELECTRIC PALLET HANDLER

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## DESCRIPTION

- The ACS Electric Pallet Handler is a self-contained fully automated device that is typically used to de-stack pallets at palletizing stations but can also be adapted for up-stacking pallets as well.
- Designed to be mounted above the infeed/outfeed conveyor, the Electric Pallet Handler can be used for wooden, plastic or composite pallets and can be used with existing or new ACS conveyors as well as with all competitor's conveyors.
- The steel forks can be manually adjusted to accommodate different width pallets and extend / retract from within the cabinet structure of the machine. Likewise, all drive components are contained within the cabinet limiting access to moving and/or rotating parts.
- The Electric Pallet Handler can be operated manually or integrated into an automatic conveyor system. A control console is provided for selection of manual or automatic modes of operation.

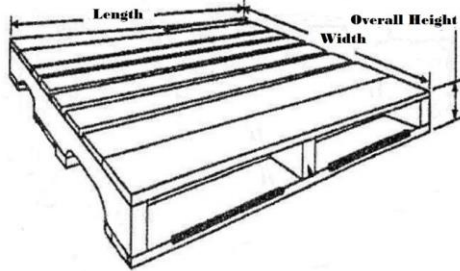
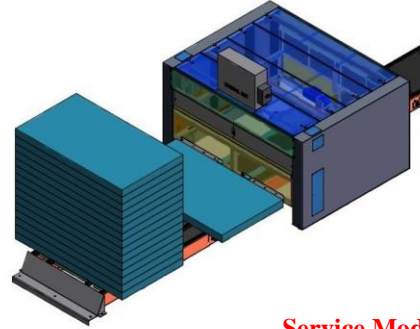
## FEATURES

- Standard 94" (238.76 cm) throat width.
- Fork width manually adjustable from 21" (53.34 cm) to 75" (190.5 cm) on-center and can extend up to 52" (132 cm) from the enclosure.
- Capable of handling pallets ranging from 24" Wide x 36" Long (60.96 cm x 91.44 cm) to 48" Wide x 84" Long (121.9 cm x 213.4 cm) and from 4" to 6" (10.16 cm to 15.24 cm) high (See illustration on following page).
- Lifting mechanism utilizes a 2HP brake motor. Maximum lifted load capacity of 1,000 lbs. (453.6 kg).
- A 1HP brake motor powers the fork carriage extend/retract function.
- Integrated Safety Circuit incorporates key-operated *Service Mode* switch to disable motors during servicing activities.
- Made with precision CNC laser cut and punched components.

**ACS**  
*Automated Conveyor Systems, Inc.*

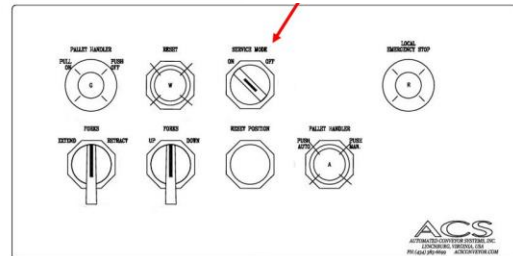
# ELECTRIC PALLET HANDLER

**TYPICAL APPLICATION LAYOUT**  
**W/ 48" WIDE x 84" LONG PALLETS**  
 (121.9cm x 213.4cm)



**THE STANDARD 94" (238.76 cm)**  
**THROAT IS DESIGNED TO EASILY**  
**ACCOMMODATE EITHER WOODEN,**  
**PLASTIC, OR COMPOSITE PALLETS.**

**Service Mode Switch**  
**(Key Required)**



## SPECIFICATIONS

**Standard Throat Width:** 94" (238.76 cm)

### Pallet Capacities:

**Pallet Height:** 4" to 6" (10.16 cm to 15.24 cm).

**Min / Max Pallet Size:** 24" Wide x 36" Long (60.96 cm x 91.44 cm) to 48" Wide x 84" Long (121.9cm x 213.4 cm)

**Maximum Stack Height:** 78" (198.12 cm)

**Maximum Lifted Load:** 1,000 lbs. (453.6 kg)

**Operating Speed:** Three (3) pallets per minute

### Motors:

**Lifting Mechanism:** Nord 2HP Brake Motor, 230Volt/460Volt/3PH/60Hz (575Volt/3PH/60Hz for Canadian Application)

**Fork Extend / Retract:** Nord 1HP Brake Motor, 230Volt/460Volt/3PH/60Hz (575Volt/3PH/60Hz for Canadian Application)

### Construction:

**Frame:** 3/16" (4.76 mm) Wall Tubing and 1/4" (6.35 mm) Steel Plate

**Elevator Chain Drive:** ANSI # 60 load-carrying chains electrically lifted and operated

**Lifting Forks:** Tapered Steel: 1" (2.54 cm) Thick @ 68- 3/8" (174.63 cm)

### Control Options:

**Manual:** Pushbutton operator actuated. Safety circuit Includes key-operated Service Mode.

**Automatic:** Electromechanical sensors (e.g.: Photo Eyes) may automatically actuate the conveyor and device to position and transfer pallets. 24VDC controls standard.