



CTL productivity increases can be realized by increasing run time through efficient skid entry and removal from the stacker. Most CTL systems require packaging on line or removing skids and transporting them to a packaging station. This often leads to an accumulation of pallets to be banded and loss of efficient production.

Canrack in-line CTL packaging systems provide the equipment to allow one operator packaging that in most cases match the output of the line. This "machine paced" activity greatly increases CTL throughput and decreases labour costs.

Canrack CTL packaging systems include three major elements to achieve best results.

1. Interface Transfer Unit - This custom designed conveyor, in-line or right angle transfer conveyor, captures the skid from the CTL conveyor and begins the accumulation process under PLC control to feed the banding station. In some cases a pit may be

required based on the elevation of the CTL discharge conveyor.

2. Banding Station - This unit presents the skid to the operator at a proper elevation for banding. Complete access on all sides of the skid is provided for ease in banding ends and sides of the skid. Overhead pneumatic banding tools and strap delivery systems are also a part of this station along with access to top sheet protection for correct Ergonomic design.
3. Pick-Up Station - This unit provides immediate discharge and accumulation of a finished skid so that a new skid may be quickly entered onto the banding station. Fork truck or crane pick up from this station moves the finished skid to shipping.

Additional units may be added to the system to provide further accumulation of skids which can increase productivity. One operator can package a skid in three to four minutes which will exceed the output of most CTL lines.

Canrack Storage Systems Inc.
2077 Dundas St East Suite 201, Mississauga, Ont.
L4X 1M2 Tel: (905) 564-6250 Fax: (905) 564-6253
E-mail: info@canrack.com Website: www.canrack.com

Sequence of operation of CTL Packaging System



Pallets exit with CTL stacker and transfer to the interface unit of the packaging system. The pallet movement is now under computer control which accumulates several pallets to feed the banding station

Pneumatic overhead supported banders are used with paper covers fed by a roll to give fast and economically correct operation. When the package is finished, it is automatically conveyed to accumulation conveyors for crane or truck handling.



Most systems accumulate 3 to 4 finished skids for efficient pick up by crane or fork truck. Crane time and travel time is reduced by moving 3 or 4 skids at a time to the shipping dock. Productivity increases of 15 to 30 percent have been obtained in systems installed by Canrack