



Bar order filling and packaging can be strenuous and dangerous work. Heavy pieces are often lifted by one or two operators in an effort to quickly pick orders and make the next day delivery. Banding is often done with hand strappers moved around on reel trucks by hand. Finished bundles must be picked up and transported to lay down from packaging horses improperly located for good material flow.

Canrack's Bar Packaging Station is ergonomically designed to eliminate any heavy lifting and banding is done quickly with little effort from the operator.

Material stored in pans is moved from cantilever racks by sideloader or fork truck to the two-sided Bar Packaging Station. Pans are lowered between two stripper plates that bring the material to the top of the pan. Round products easily roll into bundling yokes to contain the order. Flat products and shapes can be pushed into the bundling yokes without heavy lifting by the operator. Small tubes and rounds are often flipped out of the pan into the bundling yokes.

When the order is complete, the Bar Packaging Station operator

bands the bundle with an overhead pneumatic strapper using straps from 3 floor reels mounted under the bundle. During the strapping process, the sideloader makes round trips from the cantilever racks and order selects the next order on the opposite side of the station ready for strapping.

The Bar Packaging Station can be operated with one or two sideloaders and one packaging operator to handle up to 80 lines per shift. Finished orders are removed from the bundling yokes by sideloader, fork truck or crane and placed on overhead arms to accumulate several orders or can be taken directly to laydown prior to truck loading.

A scale with digital readout and printer can be placed under one or both sides of the Bar Packaging Station. Delrin pads or rubber inserts can be added to the stripper plates and bundling yokes for surface critical material.

The Bar Packaging Station increases productivity along with improved quality of bundles and eliminates strenuous activity for the operator.

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

CANRACK BAR ORDER FILLING STATIONS

- **Bar packaging** stations with stripper arms to eliminate manual lifting of material from pan. Often stations are installed back to back to give sideloader 1 pan accumulation and increase throughput and scales can be added to 1 or both sides.
- **Over/under** stations with four to six pan powered chain accumulating conveyors to hold up to six 10,000 lb. pans complete with stripper arms, scale, bundling straps, overhead crane, run-out conveyors and finished order accumulation zones.
- **Pan Pick** Bar stations with hydraulic stripper plates to remove material from pans and transfer to inbound accumulation chains feeding bundling yokes and pneumatic strapping.
- **Direct Pick** bar station to process orders picked by a 2 man-up sideloader, pan pick sideloader or any items removed from the pans and directly loaded onto the inbound chains of the order filling station. Typically, pieces less than 100 lbs. are manually flipped out of the pan onto sideloader forks or holding stations. Heavy items are picked from the pan with overhead cranes.
- All stations suit cantilever bar rack storage with material stored in pans or on cantilever arms with removable pin stops. Canrack systems complete with 4D siders, cantilever racks, bar order filling stations and mechanized laydown zones offer maximum productivity with affordable capital investment.
- Canrack technical sales personnel are available to complete plant surveys to determine productivity and economic justification for all Bar Order Filling Stations. Analysis of a customers specific inventory and order models can allow accurate throughput guarantees with stated manpower and equipment requirements.