

CANRACK

METAL CENTER SYSTEMS

VERTICAL PLATE RACK FOR MAGNET HANDLING



SAFETY

QUALITY

PRODUCTIVITY

A new design of vertical plate racks for use with crane mounted magnets eliminates the need for walkways and improves safety and productivity. Operators handle large plates in and out of the racks using crane remote controls while standing clear of the plates or racks. Special connections on the magnet allow for lifting from the flat position and then transition to vertical for placing into the racks. Conversely, plates can be picked in the vertical position and then return to the flat position for feeding lasers or burning tables. The new racks offer more space efficiency and offer less cost per pocket than conventional racks with walkways.

Upon request, Canrack sales engineers will analyse any operation and make recommendations for installation of a vertical plate storage system using proprietary lifters from Walker Magnetics and Canrack's custom designed rack systems.

Canrack Storage Systems Inc.
5048 Dundas St West, Toronto, ON M9A 1B9
Tel: (905) 564-6250
E-mail: info@canrack.com Website: www.canrack.com

Sequence Of Operation

Plates can be picked from the flat condition off a receiving truck or floor pile. The specially designed magnets automatically switch to vertical for placement into vertical plate racks. They also can switch from vertical to flat for machine loading.



Plates are securely held by the magnets with control from the operator using his crane remote control. At no time is the operator near the plate or racks for improved operator safety.



Plates are lowered into the racks while the operator is standing clear. The racks use a specially designed base plate to force the plates close stacked to the other plates in the pocket.



The magnets are released from the plate with a discharge switch on the remote control. A fanning switch on the control also controls the depth of magnetic field to allow picking one plate at a time.

