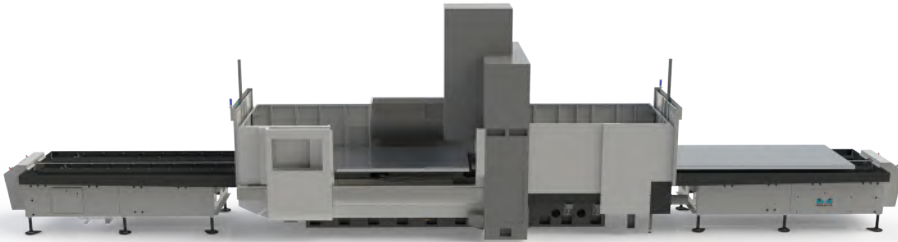




Automatic Single/Dual Pallet Changer

One shuttle on each side of the machine - One pallet per shuttle.
For VMCs and Bridge Mills which do not move in Y-Axis.



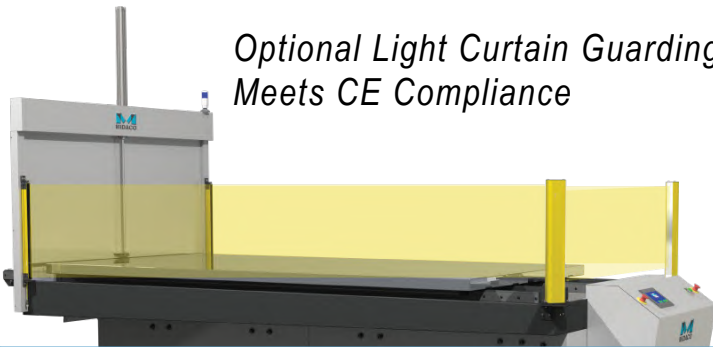
A120SD S/D series shown on machine tool

No overhead obstruction
for large-part crane loading

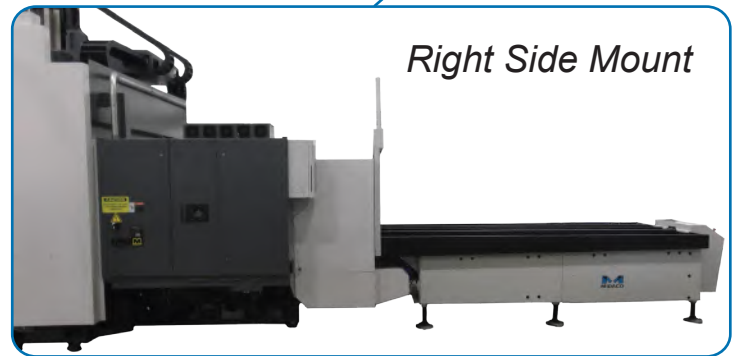
Left Side Mount



Optional Light Curtain Guarding
Meets CE Compliance

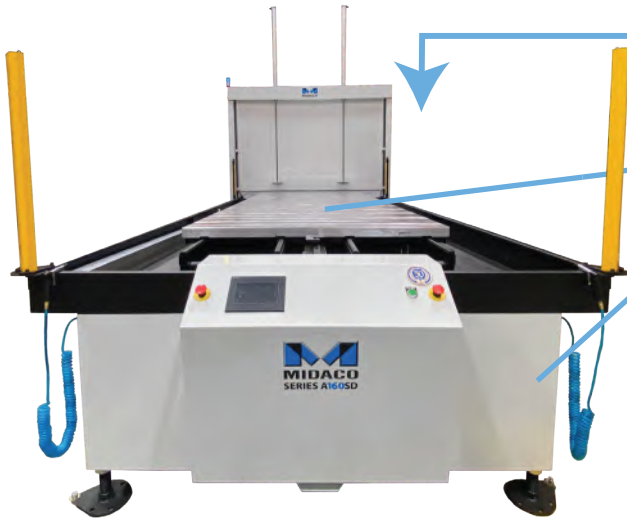


Right Side Mount



Keep the spindle on your large VMC or Bridge Mill turning by loading/unloading heavy workpieces **OUTSIDE** the machine tool while it's cutting. Once a cycle is complete, the servo driven shuttles mounted on each end of the machine automatically transfer the part loaded pallets onto a receiver mounted directly to the machine table. Save valuable machining time and increase productivity.

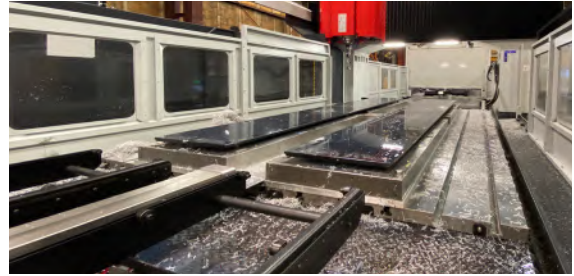
Automatic Single/Dual Pallet Changer



A160SD S/D series shown with 160" x 63" (4064mm x 1600mm) cast aluminum pallet and CE Light Curtain guarding.



- Easily load and unload parts onto pallets with a crane without any overhead obstruction.
- System includes two (2) end load shuttles (one on each side of the machine, with one (1) pallet on each shuttle).
- Cast iron pneumatic receiver(s), with hardened and ground locating pins, mount directly onto the machining center table.



- Once a job cycle is complete, the shuttle's servo drive automatically transfers the pallet from the other end of the machine onto the receiver(s).
- Cast aluminum pallets, with durable precision ground steel rails and hardened bushings, assure +/- 0.0001" (0.0025mm) repeatability.

A120SD S/D series shown with 120" x 60" (3050mm x 1524mm) cast aluminum pallet.



Specifications:

- 2 - end load servo drive shuttle systems with automatic doors (one on each side of VMC). Optional CE Light Curtain guarding.
- 2 - cast aluminum pallets. Sizes range from 30" x 20" (762mm x 508mm) up to 190" x 72" (4826mm x 1829mm).
- Cast iron pneumatic receiver(s). Weight capacity from 1,000 lb (454kg) up to 32,000 lb (14,528 kg) per pallet on largest model. {with weight evenly distributed on pallet}.
- Control panel is fully integrated with the VMC via M-codes.

MIDACO pallet systems are designed for machines with stationary guarding. Some machines require options or customization. Patent pending. Contact your sales representative to confirm model and specifications for all applications. Machinery subject to modifications and amendments.



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