

Beech Materialift®

Vertical Reciprocating Conveyors



Cut your Lifting Cost 75% . . .

Now you can save up to 75% of a freight elevator's cost with a MATERIALIFT® Vertical Reciprocating Conveyor (VRC) from Beech Design and Manufacturing.

Space-efficient, versatile and easy-to-install MATERIALIFT® VRCs offer virtually unlimited vertical travel, speeds up to 80 FPM for fast cycle times, and standard capacities to 20,000 lbs. – even more with a custom engineered unit.

Put it almost anywhere

You can install a MATERIALIFT® VRC nearly anywhere in your building: indoors or out, from main floor to mezzanine, or from bottom floor to top with multiple stops in between. A VRC is ideal for older facilities where space is at a premium and freight elevator installation is out of the question. And you can even integrate it with your horizontal conveying system.

The Beech choice

Beech Design & Manufacturing gives you a choice of systems, accessories and custom engineered options to suit hundreds of different applications. They are available with mechanical drives and are safe for material loads. Only MATERIALIFT® VRCs from Beech give you the kind of durability and reliable service that comes from decades of experience in lifting and material handling systems; scissor lifts, cranes and stackers.



Custom designing

Beech MATERIALIFT® VRCs are remarkably versatile, with standard models able to handle hundreds of different applications with no modification whatsoever. But if your application has its own special requirements, you'll get all the help you need to assure a vertical conveying system that works just the way you want. We are ready, willing and uniquely able to help you design an economical, space-efficient vertical conveyor that works exactly the way you want. You'll get vertical travel per your requirements, your choice of controls, loading configurations and structure modifications to suit and many other integrated options and accessories – all engineered to the highest industry standards.

Control options

All systems offer three-button momentary contact (up, down and emergency stop) or deadman-type, two button control stations (standard) at both levels. Mechanical units feature controls for as many multi-level stops as required, with call and send capability at all levels. A complete spectrum of control options are available to provide any level of automation you need. And Beech can help integrate your new MATERIALIFT® VRC with the rest of your conveyor system.



Comprehensive safety systems



All Beech MATERIALIFT® VRCs meet the ANSI/ASME B20.1-2000 safety standard for conveyors. We can supply all required safety enclosures and gates with interlocks, as well as further safeguards (such as automatic load stops to contain off-balance or rolling loads). Just ask your Beech representative for further details. And remember: MATERIALIFT® VRCs are for material loads only!

Easy installation

Unlike some others, your MATERIALIFT® VRC will be up and running quickly without costly site modifications and excessive man hours. All components are clearly identified for quick on-site installation. You just unpack your VRC, secure it into position, and wire it up. A MATERIALIFT® VRC is just as easy to move as it is to install the first time. This is especially important as your material flow or space requirement change, or if your current site is only temporary.



Safe rugged design

Beech MATERIALIFT® VRCs, are built well above industry safety factors, exceeding ANSI/ASME B20.1-2000 safety standards. You will get a full measure of genuine Beech Engineering quality, plus reliable service and durability.

Extensive product line

- Two-Post Hydraulic Drive (Cantilevered)
- Two-Post Hydraulic Drive (Straddle)
- Two-Post Mechanical Drive (Cantilevered)
- Two-Post Mechanical Drive (Straddle)
- Four-Post Mechanical Drive
- MATERIALIFT® Light Capacity (Up to 1000 lbs.)
- MATERIALIFT® LM (Up to 500 lbs.)

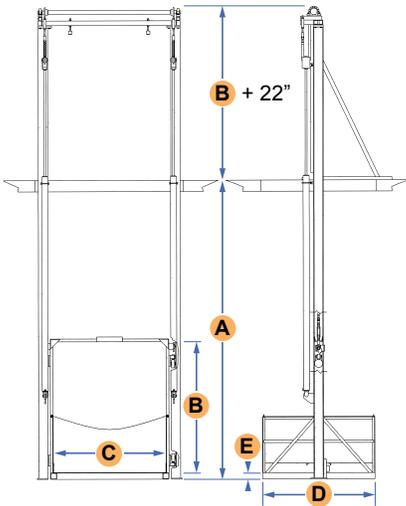


Call Us Today. . .

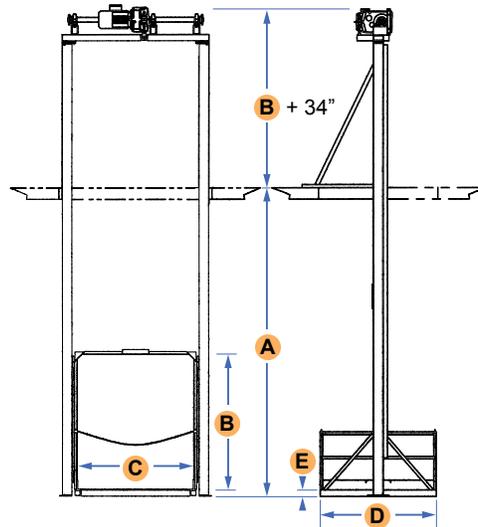
Get an immediate response to your vertical lifting questions or the name of your local MATERIALIFT® VRC representative. Call us today at 330-308-5934, fax 330-343-3037 or visit our web site www.beech-design.com

Beech . . . your single source for lifting equipment

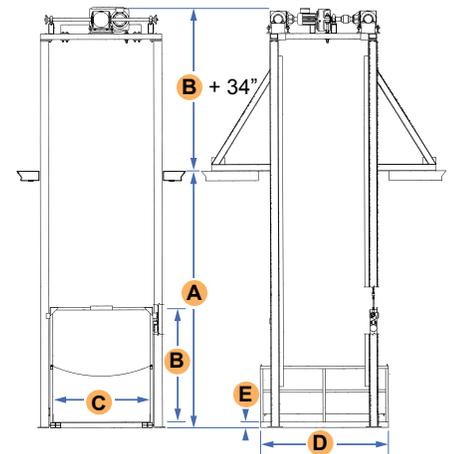
Two-Post Hydraulic Drive
Ideal for two-level service with up to 24 feet of vertical travel



Two-Post Mechanical Drive
Offers vertical travel up to 200'



Four-Post Mechanical Drive
Load handling capacity up to 20,000 or 30,000 lbs. on a carriage up to 16' x 16'



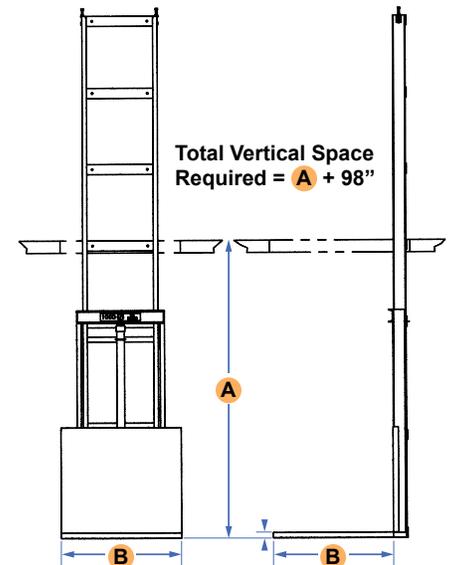
For Two-Post Hydraulic, Two-Post Mechanical and Four-Post Mechanical

- A** Vertical lift
- B** Carriage height (7' standard)
- C** Carriage width (up to 8')
- D** Carriage length (up to 10')
- E** Carriage thickness
2" (up to 3,000 lb. cap.), 4" (over 3,000 lb. cap.)
- Upper level opening, length (D plus 2")
- Upper level opening, width (C plus 22")
- Specify supplied voltage

For LC Series only

- A** Check the vertical travel you need:
8' 10' 12' 6"
- B** Check the platform size required:
3' x 3' 4' x 4'
- Specify supplied voltage

Materialift® LC Series
Ideal for lighter load-handling applications



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