

Wizard Series ND/1520 Casket Lift



Project: Bussell Funeral Home Carmel, Indiana

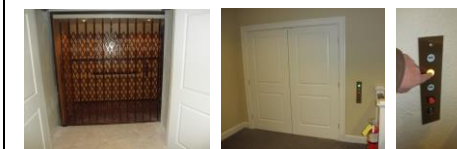
Contractor: Prolift Industrial Equipment



Trap Door Casket Lift at Full Raised Position

Please visit our Web Site (wizardmfg.com) to see this Lift in Motion

Installation of the Lift and Lower Level Enclosure



Handicap/Casket Lift When properly equipped and generally, with a code Variance, the Wizard Series ND/1000 can be designed for Dual-purpose use. Platform size is 42" x 96" wide, with full Cab and folding gates. All controls are Constant Pressure (Deadman).

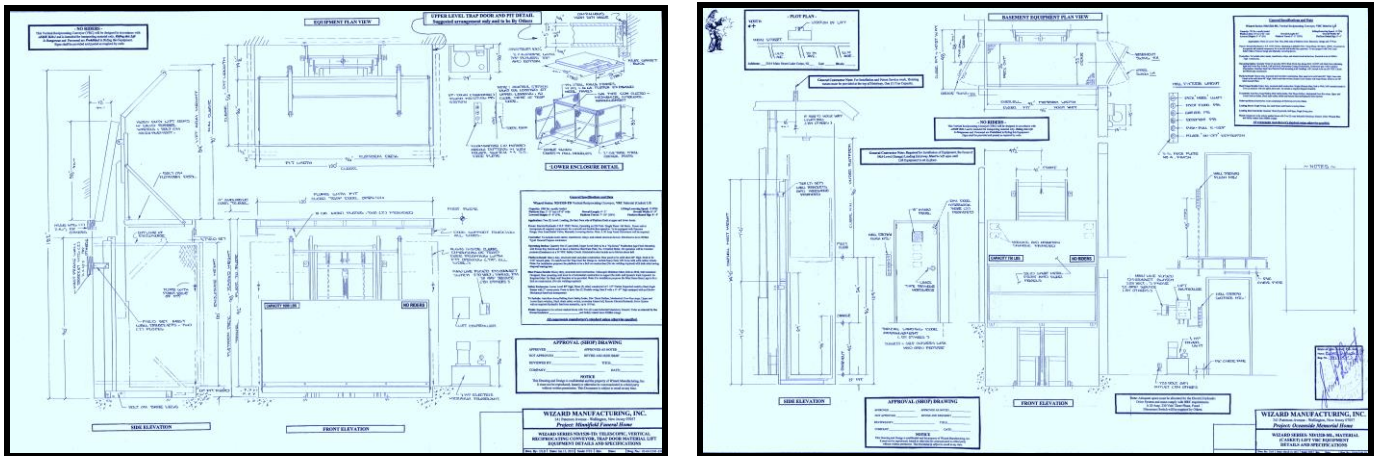


The Control of the Wizard Series ND/1520 Trap Door Casket Lift is via a Constant Pressure (Deadman) Up-Down Pushbutton Station at the Upper level only. The Operator will have a clear and unobstructed view of the Lift movement and surrounding area. While during operation, the In-Motion Alarm Bell will sound giving added protection and awareness. The fixture is flush mounting with a Stainless-Steel faceplate and illuminated Buttons. **For Authorized Use Only** the station comes standard with a Power On-Off Key Switch. For added Safety, a Push/Pull Stop is optional.

General Equipment Specifications

Capacity: 750 lbs. equally loaded
Platform Size: 36" out x 96" wide
Lowered Height: 6" (Pit)
Application: Two (2) Level: In-line (C Loading) Front Side of Platform Deck.
Power: Electric/Hydraulic 2 H.P. TEFC Motor, Operating on 208-230 Volt / Three Phase / 60 Hertz. Powerunit to incorporate all required components for a smooth and trouble-free operation. To be equipped with Pressure Gauge, Over Load Relief Valve and Manually Lowering device.
Controller: To include motor starter, power supply, relays, and related electrical devices. Electrical to be in NEMA type 1 and 12 Commercial Purpose Enclosures.
Operating Station: Quantity One (1) provided, "UP-DOWN" Pushbutton type with Power "On-Off" Key Switch, flush mounting with Stainless Steel faceplate and illuminated in motion buttons. Operation to be Constant Pressure (Deadman) Call and Send and Operated from the Upper Level Only. All Controls to be on a 24 VDC Safety Circuit and to include an In Motion Alarm Bell. All components to be NEMA type 1 General Purpose.
Platform Detail: Heavy duty, structural steel and plate construction. Rear panel to be solid sheet 48" High and to have side diagonal brace bars. Deck to be a 3/16" Steel (smooth) Plate. To Raise and Lower the Trap Door the design to include Heavy Duty Lift Arms with solid Rubber Wheels and provided Wear Plates. **Note:** For installation purposes the Platform Deck to be a Bolt-on-Construction. (No Site Welding will be required)
Mast Frame Details: Heavy duty, structural steel construction. Telescopic Minimum Mast, Bolt-to-Wall, Self-contained Design. Rear mounting wall must be of substantial construction to support the static and dynamic loads imposed. As required Mast tie back Wall Brackets to be provided. **Note:** For installation purposes the Mast Frame base Legs to be a Bolt-on-Construction. (No Site Welding will be required)
Safety Enclosure: Lower Level 96" high, Three (3) Sided, constructed of 1 1/2" Flattened Expanded Metal in Steel Angle Frames with 2" Corner posts. Front to have Double Swing gates equipped with an Electro-Mechanical Interlock arrangement.
To Include: Anti-Run-Away/Falling Deck Safety brake, Side Thrust Rollers, Mechanical Over-Run stops, Upper and Lower limit switches, Slack chain safety switch, in motion Alarm bell and Remote Electric/Hydraulic Drive System.
Trap Door: Upper Level Floor, single leaf **Hinged Door to be by Others.** Wizard will Trade coordinate the Design requirements and floor cut-out during the Approval phase.
Finish: Equipment to be solvent washed down with Two (2) Top Coat of Industrial Machinery Enamel, Color to be **as specified by the Owner/Architect.**

Approval (Shop) Drawing: Wizard provides complete Equipment layout and depicts surrounding Construction that can be typically used for a Permit Application.



Wizard Series ND/1320 Casket VRC Lift Installed within a Hoistway



The above Casket Lift was installed within a Hoistway and Fully Enclosed. The Lift Installation was then filed under **ASME B20.1 VRC**. Per code, "Riding this Equipment is Prohibited" However, at about 1/4 the cost of a Class "A" Freight Elevator without annual Inspections. Operator's control can then be Momentary Contact, self-maintained (Automatic)..... General Sequence of Operation: Load the Platform - Close the landing Door and if equipped Gate - Press a landing button and by the time the Operator get to that floor, the Load has arrived and ready to be removed.

Generally delivered to the Site knocked down, All Wizard Casket Lifts are pre-assembled and tested at the Factory to assure an easy and trouble-free assembly in the field. After set-up, the Hydraulic Ram can be temporary connected to the Powerunit and the Wizard Lift will be operational. If all Construction requirements are completed and the Main Line Fused Disconnect is in place and hot, for a Two Stop application, the remaining Installation would typically be an additional 2 to 3 days with a Two Man Team. Wizard Lift, LLC Factory Train Supervision of Installation is always available.

Whether your Application is New Construction or a complete replacement of an existing antiquated Casket Lift. Wizard will provide the Right **State of the Art** Casket Lift to suit your needs. With over 40 years of experience in the Application Sales, Design, Manufacturing and Installations, let Wizard Lift, LLC show you why we are the Best at what we do.

WHERE EXPERIENCE MAKES ALL THE DIFFERENCE

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