



Hollister-Whitney Elevator Corporation

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ESTIMATION AND ORDER FORM

Company:		Today's Date:	
Company Address:		Quote Due:	
Contact:		Job Name:	
Phone:		Job Address:	
Fax:		Your Job No.:	
Email:		H-W No.:	(for H-W use only)

I REQUEST THAT H-W USE THE FOLLOWING INFORMATION TO:

- Prepare a Price Quotation only
- Process my order using Purchase Order No. (attached): _____
- Prepare Hoistway Layout Drawings for submittal (Purchase Order required)

NOTE: This form and separate field survey forms can be printed and used for gathering information for quoting, ordering, and to assist with generating layout drawings. Use supplemental pages as needed. It is essential that the information be accurate and complete to ensure timely delivery and trouble-free installation. Non-responses will be construed as the item is non-applicable.

GENERAL DATA	
Type of Application:	<input type="checkbox"/> Geared Overhead <input type="checkbox"/> Geared Basement <input type="checkbox"/> Geared Offset at Overhead <input type="checkbox"/> Gearless Overhead <input type="checkbox"/> Gearless Basement <input type="checkbox"/> Hydraulic (Sling / Platform, Buffers, Rail Brackets only) <input type="checkbox"/> Machine-Room-Less (MRL) (No mounting hardware)
Elevator Quantity and ID:	Quantity of Elevators: _____ Car Number Designation(s): _____
Construction Type:	<input type="checkbox"/> New Building <input type="checkbox"/> Existing Building, New Shaft <input type="checkbox"/> Existing Empty Shaft <input type="checkbox"/> Modernization
Building Type:	<input type="checkbox"/> Residential <input type="checkbox"/> Office <input type="checkbox"/> Retail <input type="checkbox"/> Hotel <input type="checkbox"/> School or University <input type="checkbox"/> Hospital <input type="checkbox"/> Federal Gov't. <input type="checkbox"/> Other Gov't. <input type="checkbox"/> Other _____
Governing Codes:	<input type="checkbox"/> B44/ASME A17.1-_____ (year) <input type="checkbox"/> NYC APPENDIX "K" OTHER: _____
Loading Classification:	<input type="checkbox"/> Passenger (only) <input type="checkbox"/> Passenger/Class A <input type="checkbox"/> Passenger/Class C1 <input type="checkbox"/> Passenger/Class C2 <input type="checkbox"/> Passenger/Class C3 <input type="checkbox"/> Freight/Class A <input type="checkbox"/> Freight/Class B <input type="checkbox"/> Freight/Class C1 <input type="checkbox"/> Freight/Class C2 <input type="checkbox"/> Freight/Class C3
Seismic Requirements:	<input type="checkbox"/> Zone 0/1 (non-seismic) <input type="checkbox"/> Zone 2 <input type="checkbox"/> Zone 3 <input type="checkbox"/> Zone 4
Roping:	<input type="checkbox"/> 1:1 <input type="checkbox"/> 2:1 <input type="checkbox"/> Single-Wrapped <input type="checkbox"/> Double-Wrapped
Rail Arrangement:	<input type="checkbox"/> Sidepost <input type="checkbox"/> Cornerpost
Capacity:	<input type="checkbox"/> 1500 LBS [680 kg] <input type="checkbox"/> 2000 LBS [908 kg] <input type="checkbox"/> 2500 LBS [1134 kg] <input type="checkbox"/> 3000 LBS [1360 kg] <input type="checkbox"/> 3500 LBS [1588 kg] <input type="checkbox"/> 4000 LBS [1815 kg] <input type="checkbox"/> 4500 LBS [2041 kg] <input type="checkbox"/> 5000 LBS [2268 kg] <input type="checkbox"/> 6000 LBS [2721 kg] <input type="checkbox"/> 6500 LBS [2948 kg] <input type="checkbox"/> 7000 LBS [3175 kg] <input type="checkbox"/> 7500 LBS [3402 kg] <input type="checkbox"/> 8000 LBS [3629 kg] <input type="checkbox"/> 9000 LBS [4082 kg] <input type="checkbox"/> 10000 LBS [4536 kg] <input type="checkbox"/> 12000 LBS [5443 kg] <input type="checkbox"/> 15000 LBS [6804 kg] <input type="checkbox"/> 20000 LBS [9072 kg] <input type="checkbox"/> Other: _____
Speed:	<input type="checkbox"/> 50 FPM [0.25m/s, 15mpm] <input type="checkbox"/> 75 FPM [0.38m/s, 23mpm] <input type="checkbox"/> 100 FPM [0.5m/s, 30 mpm] <input type="checkbox"/> 125 FPM [0.63m/s, 38mpm] <input type="checkbox"/> 150 FPM [0.75m/s, 45mpm] <input type="checkbox"/> 200 FPM [1.0m/s, 60mpm] <input type="checkbox"/> 250 FPM [1.25m/s, 75mpm] <input type="checkbox"/> 300 FPM [1.5m/s, 90mpm] <input type="checkbox"/> 350 FPM [1.75m/s, 105mpm] <input type="checkbox"/> 400 FPM [2.0m/s, 120mpm] <input type="checkbox"/> 450 FPM [2.25m/s, 135mpm] <input type="checkbox"/> 500 FPM [2.5m/s, 150mpm] <input type="checkbox"/> 600 FPM [3.0m/s, 180mpm] <input type="checkbox"/> 700 FPM [3.50m/s, 210mpm] <input type="checkbox"/> Other: _____
Power Supply:	Voltage: <input type="checkbox"/> 208 V <input type="checkbox"/> 230 V <input type="checkbox"/> 460 V <input type="checkbox"/> 480 V <input type="checkbox"/> 575 V <input type="checkbox"/> Other: _____ Hertz: <input type="checkbox"/> 60 Hz <input type="checkbox"/> 50 Hz
NEMA Rating:	Hoistway <input type="checkbox"/> Class 1 (Std) <input type="checkbox"/> Class 4 <input type="checkbox"/> Class 4X <input type="checkbox"/> Class 7 <input type="checkbox"/> Class 12 <input type="checkbox"/> Other: _____ Machine Rm. <input type="checkbox"/> Class 1 (Std) <input type="checkbox"/> Class 4 <input type="checkbox"/> Class 4X <input type="checkbox"/> Class 7 <input type="checkbox"/> Class 12 <input type="checkbox"/> Other: _____ Description Class 4-Watertight (hose proof), Class 4X-Watertight (splash proof), Class 7-Explosion proof, Class 12-Dust & Drip proof
Cab + Door/Gate Weight: (Required by Sales Dept. & Engineering Dept.)	Car No.(s): _____ Weight: _____ Car No.(s): _____ Weight: _____ Car No.(s): _____ Weight: _____ Car No.(s): _____ Weight: _____

MACHINE ROOM AND HOISTWAY EQUIPMENT		
Rope Gripper Assembly:	<input type="checkbox"/> Rope Gripper (Not required on systems with emergency brake option.) <input type="checkbox"/> NEMA 4 Switch <input type="checkbox"/> Machine Mounting Provisions (available for new OH, BS, and OD machines) Specify length of hydraulic hose required (27" standard, up to 8'-0" max.): _____ For existing applications, verify the outside to outside dimension across the ropes: _____	
Sheaves:	<input type="checkbox"/> Deflector <input type="checkbox"/> With Guard <input type="checkbox"/> Secondary (Double-Wrapped) <input type="checkbox"/> With Guard <input type="checkbox"/> 2:1 Car (Overslung) <input type="checkbox"/> 2:1 Car (Underslung) <input type="checkbox"/> 2:1 (CWT.) <input type="checkbox"/> Overhead (B.S.) <input type="checkbox"/> Hanging Note: Guards not available for overhead shvs.	
Car Sling Assembly:	<input type="checkbox"/> Car Sling <input type="checkbox"/> Painted <input type="checkbox"/> Galvanized Overall Cab Height: _____	
Platform Assembly: (includes 1 toe guard for sidepost or 2 for cornerpost)	Platform Size:	<input type="checkbox"/> Platform Size: _____ Wide x _____ Deep
	Platform Type:	<input type="checkbox"/> Sidepost <input type="checkbox"/> Cornerpost
	Platform Material:	<input type="checkbox"/> Wood and Steel Construction (angle frame filled with layers of wood) <input type="checkbox"/> With Standard Plywood <input type="checkbox"/> 1 layer <input type="checkbox"/> 2 layers <input type="checkbox"/> 1/2" thk. <input type="checkbox"/> 5/8" thk. <input type="checkbox"/> 3/4" thk. <input type="checkbox"/> With Marine Plywood <input type="checkbox"/> 1 layer <input type="checkbox"/> 2 layers <input type="checkbox"/> 1/2" thk. <input type="checkbox"/> 3/4" thk.
		<input type="checkbox"/> All-Steel Construction (channel stringers) <input type="checkbox"/> With smooth steel floor plate to receive your finished flooring <input type="checkbox"/> With checkered steel floor plate as the finished flooring <input type="checkbox"/> With smooth steel floor plate + wood top subflooring to receive your finished flooring <input type="checkbox"/> Standard Plywood <input type="checkbox"/> 1 layer <input type="checkbox"/> 2 layers <input type="checkbox"/> 1/2" thk. <input type="checkbox"/> 3/4" thk. <input type="checkbox"/> Marine Plywood <input type="checkbox"/> 1 layer <input type="checkbox"/> 2 layers <input type="checkbox"/> 1/2" thk. <input type="checkbox"/> 3/4" thk
	Isolation:	<input type="checkbox"/> None <input type="checkbox"/> Isolation with balance weights <input type="checkbox"/> Isolation only, no balance weights
	Options:	<input type="checkbox"/> Painted <input type="checkbox"/> Galvanized <input type="checkbox"/> Stainless <input type="checkbox"/> Additional Toe Guard (rear or side opng.)
	Compensation Hitch:	<input type="checkbox"/> None <input type="checkbox"/> Chain <input type="checkbox"/> Rope
Counter-weight Assembly:	Options:	<input type="checkbox"/> CWT. Frame <input type="checkbox"/> Filler Weights <input type="checkbox"/> Pit Guard <input type="checkbox"/> Painted <input type="checkbox"/> Galvanized
	Compensation Hitch:	<input type="checkbox"/> None <input type="checkbox"/> Chain <input type="checkbox"/> Rope
Freight Cab Assembly: (Car station cut-out detail required)	<input type="checkbox"/> Freight Cab Assy. (solid steel top, 14 ga. sheet steel, spray enamel, air dried only) Height (8'-0" standard, 10'-0" max.): _____ <input type="checkbox"/> Manual Vertical Lift Gates by H-W <input type="checkbox"/> Front <input type="checkbox"/> Rear <input type="checkbox"/> Gate Switch <input type="checkbox"/> Power Vertical Lift Gates by Others Mfr: _____ (cab by others with power oper.)	
Safety Assembly:	<input type="checkbox"/> Car <input type="checkbox"/> CWT. <input type="checkbox"/> Type A Instantaneous <input type="checkbox"/> Type B Flexible Guide Clamp	
Governor Assembly:	<input type="checkbox"/> Car <input type="checkbox"/> CWT. <input type="checkbox"/> Non-resettable (std.) <input type="checkbox"/> Resettable <input type="checkbox"/> 12" sheave (3/8" dia. rope) <input type="checkbox"/> 16" sheave (3/8" or 1/2" dia. rope) <input type="checkbox"/> Speed Reducing Sw. (optional) <input type="checkbox"/> With live-shaft Specify Shaft Dia. <input type="checkbox"/> 12mm <input type="checkbox"/> .25" <input type="checkbox"/> .75" <input type="checkbox"/> 1.00"	
Tension Weight Assembly:	<input type="checkbox"/> Car <input type="checkbox"/> CWT. <input type="checkbox"/> Swing Arm Type <input type="checkbox"/> Frame Type <input type="checkbox"/> With Guard <input type="checkbox"/> 12" sheave (3/8" dia. rope) <input type="checkbox"/> 16" sheave (3/8" or 1/2" dia. rope)	
Car Guide Shoe Assembly:	<input type="checkbox"/> Rigid <input type="checkbox"/> Swivel <input type="checkbox"/> Roller with Guard <input type="checkbox"/> Roller without Guard <input type="checkbox"/> Retainer/Adapter Plates (Only with car sling)	
CWT. Guide Shoe Assembly:	<input type="checkbox"/> Rigid <input type="checkbox"/> Swivel <input type="checkbox"/> Roller with Guard <input type="checkbox"/> Roller without Guard <input type="checkbox"/> Retainer/Adapter Plates (Only with cwt. frame)	
Spring Buffer Assembly: (200 fpm or under)	<input type="checkbox"/> Car <input type="checkbox"/> CWT.	
Oil Buffer Assembly:	<input type="checkbox"/> Car <input type="checkbox"/> CWT. <input type="checkbox"/> With No Switch <input type="checkbox"/> Standard Switch <input type="checkbox"/> With NEMA 4 Switch <input type="checkbox"/> Car buffer Strut Strut height of: _____	
Rail Buffer Base Channels (Pit Channels):	<input type="checkbox"/> Car <input type="checkbox"/> CWT. Guide rails are: <input type="checkbox"/> New <input type="checkbox"/> Existing For existing guide rails: <input type="checkbox"/> Extend channels under rails <input type="checkbox"/> Cut channels short of rails	

MISCELLANEOUS		
2:1 Dead-End Hitch Plates:		<input type="checkbox"/> Car Dead-End Hitch Plates <input type="checkbox"/> CWT. Dead-End Hitch Plates
Limit Mounting Brackets And Cam:		<input type="checkbox"/> Mounting Brackets and Cam for G.A.L. Limit Switches Qty: _____ G.A.L. Switch Model: <input type="checkbox"/> Model L.S. <input type="checkbox"/> Model L.T. <input type="checkbox"/> Car Bracket and Cam Only
Guide Rails and Fishplates:	Car Rails:	<input type="checkbox"/> By H-W <input type="checkbox"/> By Others <input type="checkbox"/> 8# <input type="checkbox"/> 15# <input type="checkbox"/> 18.5# <input type="checkbox"/> 22.5# <input type="checkbox"/> 30# QTY: _____ of 16'-0" Lg. QTY: _____ of 8'-0" Lg.
	CWT. Rails:	<input type="checkbox"/> By H-W <input type="checkbox"/> By Others <input type="checkbox"/> 8# <input type="checkbox"/> 15# <input type="checkbox"/> 18.5# <input type="checkbox"/> 22.5# <input type="checkbox"/> 30# QTY: _____ of 16'-0" Lg. QTY: _____ of 8'-0" Lg.
	Fishplates:	<input type="checkbox"/> Standard <input type="checkbox"/> Seismic Tee-Section <input type="checkbox"/> Seismic Triple Thick
Rail Brackets & Hardware:	Car Rail Brackets:	<input type="checkbox"/> New By H-W, Qty: _____ <input type="checkbox"/> New By Others <input type="checkbox"/> Existing Note: May require P.E. approval (by others) if located in seismic zone 3 or 4. Note: Not available for cornerpost rail applications.
	CWT. Rail Brackets:	<input type="checkbox"/> New By H-W, Qty: _____ <input type="checkbox"/> New By Others <input type="checkbox"/> Existing Note: May require P.E. approval (by others) if located in seismic zone 3 or 4.
Hoist and Governor Ropes:	Hoist Rope: (8 x 19)	<input type="checkbox"/> By H-W <input type="checkbox"/> By Others Quantity: _____ <input type="checkbox"/> 3/8" Std. T.S. <input type="checkbox"/> 3/8" IWRC <input type="checkbox"/> 1/2" Std. T.S. <input type="checkbox"/> 5/8" Std. T.S. Hoist Rope Length: _____
	Governor Rope: (8 x 19)	<input type="checkbox"/> By H-W <input type="checkbox"/> By Others Quantity: _____ <input type="checkbox"/> 3/8" Std. T.S. <input type="checkbox"/> 1/2" Std. T.S. Governor Rope Length: _____
Wedge Shackles and Equalizer Springs:		<input type="checkbox"/> Hoist Rope Wedge Shackles & Equalizer Springs QTY: _____ 18" O.A. Lg.: Size of Ropes: <input type="checkbox"/> 3/8" <input type="checkbox"/> 1/2" <input type="checkbox"/> 5/8" <input type="checkbox"/> 3/4" QTY: _____ 24" O.A. Lg.: Size of Ropes: <input type="checkbox"/> 3/8" <input type="checkbox"/> 1/2" <input type="checkbox"/> 5/8" <input type="checkbox"/> 3/4" QTY: _____ 30" O.A. Lg.: Size of Ropes: <input type="checkbox"/> 3/8" <input type="checkbox"/> 1/2" <input type="checkbox"/> 5/8" <input type="checkbox"/> 3/4" QTY: _____ 36" O.A. Lg.: Size of Ropes: <input type="checkbox"/> 3/8" <input type="checkbox"/> 1/2" <input type="checkbox"/> 5/8" <input type="checkbox"/> 3/4" QTY: _____ Equalizer Springs for Counterweight Shackles

ENGINEERING SERVICES		
Equipment Drawings and Maintenance Manuals		Job-specific assembly/parts drawings of your equipment will be sent to you after final engineering has been completed and they are free of charge. Maintenance manuals are available online.
Elevator Layout Drawings:	Type of Layout:	<input type="checkbox"/> Full Layout Drawing <input type="checkbox"/> Machine Room Only Layout Drawing (includes overhead reactions) Note: Layouts are submitted via email in PDF format ONLY . No cad file formats will be submitted. Note: Pricing and lead time vary according to quantity and configuration of elevators and type of application. Lead time does not start until receipt of all required information.
	Options:	<input type="checkbox"/> English Units (our standard) <input type="checkbox"/> Dual Units [S.I. (Metric) / U.S. (English)] <input type="checkbox"/> Certified Engineer Stamp of overhead reaction calculations (licensed in state of Illinois)

INFORMATION FOR LAYOUT DRAWINGS

NOTE: The following additional information is required by H-W if layout drawings are to be prepared. This data is requested so that we can provide accurate layout drawings while avoiding unnecessary revisions, to help improve the approval process, and to assist with final engineering. Missing information can delay your project or create errors. Lead time for the layout drawings does not start until we have all information.

1. **General Specifications, Job Summary, or Scope of Project.**
2. **Architectural and Structural Drawings** - for "pre-designed" elevators with new construction.
3. **Design Build Jobs:** For "design build" jobs that have no architectural or structural drawings available, advise if H-W has complete freedom to determine the hoistway size, pit depth, and overhead height as per our requirements with no restrictions: _____
4. **Existing Hoistway Survey or Original Installation Layout** – for existing elevator construction. Indicate hoistway size; door type, size, and hand; machine room size and configuration; all floor heights; pit depth; and clear overhead height. We have various field survey forms available.
5. **Existing Equipment Survey or Original Installation Layout** - for "modernization" jobs with some existing equipment being retained in place. Indicate sizes and location of all equipment that is to be retained. We have field survey forms available. Identify all existing elevator equipment that is to be retained:

<input type="checkbox"/> Car rails and brackets	<input type="checkbox"/> CWT. rails and brackets	<input type="checkbox"/> Hoistway door frames and sills
<input type="checkbox"/> Car sling	<input type="checkbox"/> Car platform	<input type="checkbox"/> CWT. frame
<input type="checkbox"/> Safety	<input type="checkbox"/> Governor	<input type="checkbox"/> Tension weight
<input type="checkbox"/> Car shoes	<input type="checkbox"/> CWT. shoes	<input type="checkbox"/> Buffers
<input type="checkbox"/> Pit channels	<input type="checkbox"/> Machine beams / DEH beams	<input type="checkbox"/> Machine
<input type="checkbox"/> Deflector sheave	<input type="checkbox"/> Overhead sheave supports	<input type="checkbox"/> Overhead sheaves
<input type="checkbox"/> Cab enclosure	<input type="checkbox"/> Controller	<input type="checkbox"/> Other: _____
6. **Total Empty Car Weight** - For existing cars that are to be retained: _____
7. **Finished Car Flooring**- Material: _____ O.A. Thickness: _____ Total Weight: _____
8. **Rail Bracket Attachment**- Method of car and cwt. guide rail bracket attachment to the structure at the **outer** walls:

<input type="checkbox"/> Inserts	<input type="checkbox"/> Concrete anchors	<input type="checkbox"/> Steel framing (steel locations are required)
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9. **MRL Plan Arrangement**- Have you chosen a specific Plan arrangement from our MRL Design Guide (available online): _____
10. **MRL Machine Access Door**- If you are considering our MRL Plan A1, A2, F, or G (counterweight located at the side), then a machine access door is an absolute requirement. If it is not structurally feasible to provide the access door, then these plan arrangements are **NOT** available. Confirm whether you can provide the machine access door: _____
11. **MRL Governor Access Door**- Confirm if required to adhere to NYC Appendix K, which requires a governor access door: _____
12. **Jobs with Live Shaft Governor**- Standard shaft dia. is 12 mm if using G.A.L. controls. If using other control manufacturer, then specify the required shaft diameter: 12 mm dia. .25" dia. .75" dia. 1.00" dia.
13. **Passenger Cab + Doors (by others):** Mfr.: _____ O.A. Height: _____ Cab + Door Weight: _____
14. **Freight Cab + Gates (by others):** Mfr.: _____ (Forward a job specific drawing of the cab and gate assy.)
O.A. Height: _____ Cab Weight: _____ Gate(s) Weight: _____
15. **Guide Shoes (by others):** Mfr.: _____ Type: _____ Car Model: _____ Cwt. Model: _____
16. **Geared Machine (by others):** Mfr.: _____ Model: _____ Drive Sheave Dia.: _____
(Forward a job specific drawing of the machine.)
17. **Gearless Machine (by others):** Mfr.: _____ Model: _____ Drive Sheave Dia.: _____
(Forward a job specific drawing of the machine.)
18. **Hoist Motor (by others):** Mfr.: _____ HP: _____ RPM: _____ Frame Size: _____
(Forward a job specific drawing of the motor data print.)
19. **Controller (by others):** Mfr.: _____ Model No.: _____ Size (WxDxH): _____
20. **Other Equipment (List item, mfr., model, size):** _____

INFORMATION FOR FABRICATION

1. **Approval of Layouts by H-W** - If layouts were prepared by H-W, then we will require your written approval verifying the accuracy of the layout drawings and authorizing us to proceed with final engineering to release to production.
2. **Copy of Layouts by Others** - If layouts were prepared by others, then we will require a copy of the layouts and your written authorization to proceed with final engineering to release to production based on those drawings.
3. **Field Survey Data** - If layouts are not required, then we will require sufficient field survey data and information to final engineer the shop drawings after your order has been processed.
4. **Hoist Motor Data** - For hoist motors from another vendor that are being shipped direct to our factory for mounting to our geared machines, we will require certified motor data prints from the manufacturer.
5. **Car Sill Detail** - Before fabrication of all-steel passenger car platforms that have no additional wood subflooring on top, we will require a car sill detail from your cab manufacturer showing the car sill in profile with all dimensions.
6. **COP Cutout Detail** - For both passenger and freight cabs with car operating panel(s) located at the side of the cab enclosure, we will require a drawing showing the size and location of the C.O.P. box cutout if the car sling is being provided by H-W so that we can determine if there is any interference with our car sling side bracing.

Special Notes:

1. **Does "Buy America Clause" apply?** _____
2. **Is export crating required?** _____
3. **Date material is required by:** _____
4. **Shipping and Billing Instruction:**

Name

Signature

Title

Date