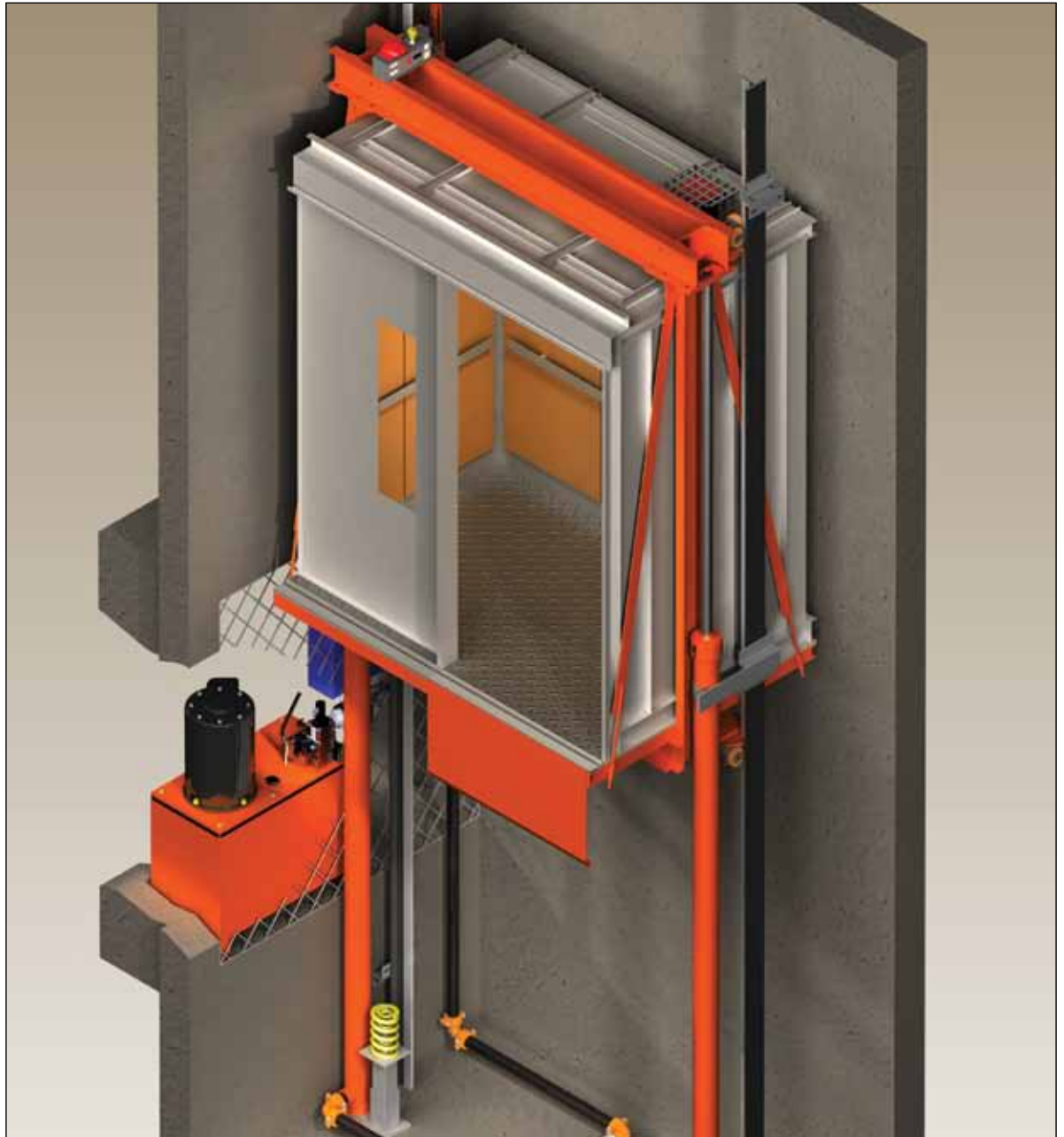




Mongrain Vertical Transport Inc.

Low-Rise Hydraulic *Emarelle*TM



- **PERFORMANCE**
- **SIMPLICITY**
- **ECONOMY**

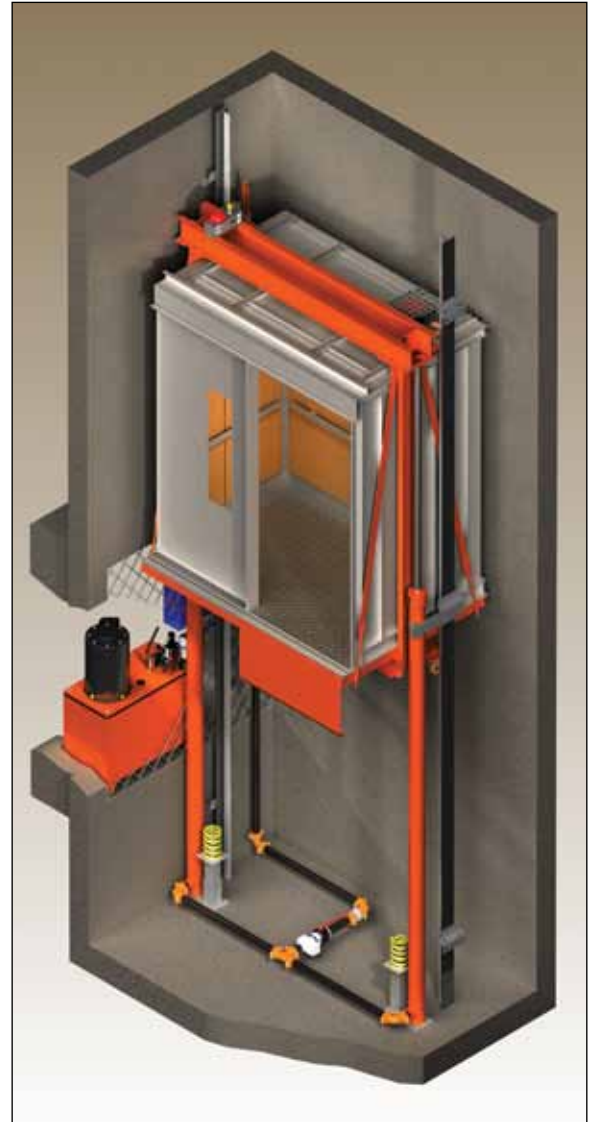
Low-Rise Hydraulic *Emarelle*TM

WHERE PERFORMANCE AND SIMPLICITY COMBINE FOR UNSURPASSED ECONOMY

The introduction of the *Emarelle*TM machine-room-less elevator a decade ago brought with it unprecedented advantages for architects, engineers, and building managers. Among them were

- A radically new space-saving design,
- The ease of installation and service associated with hydraulics,
- The ride quality comparable to a traction MRL, and
- The elimination of costly, space-wasting, conventional machine rooms.

Acceptance of this new design was rapid — and overwhelming. Like other traction MRL, its use was mostly suited to buildings with 4 stops or more.



What was needed was a low rise version, - one that would bring the same advantages of simplicity, performance and economy to lower 2 to 3 stop applications. What was needed was Mongrain Vertical Transport's Low-Rise hydraulic *Emarelle*TM.

Mongrain Vertical Transport Inc.

740 4th Ave • Grandes-Piles, QC • Canada G0X1H0 • Tel: 819-538-3400 • Email: info@mvtinc.com • www.mvtinc.com
Warehouse: 4 William Demarest Place • Waldwick, NJ 07463

Low-Rise Hydraulic *Emarelle*TM



MACHINE-ROOM-LESS DESIGN

- Compact power unit using a vertically installed air cooled high efficiency motor allows installation in a closet-like space that recesses fully in the hoistway at any floor level.
- Power and control components traditionally mounted in the machine room are now placed adjacent to the power unit behind fire-rated doors and are safely accessible from outside the hoistway.
- Top mounted close-loop electronic valve permits quick access for servicing or emergency operation.
- During power outages, a battery operated lowering device, built into the controller, automatically lowers the car to an egress, assuring passenger safety.
- Heat generated during operation is transferred to the hoistway by convection.

Application range

Capacity, lbs	2000 to 4500
Speed, fpm	100,125
Travel, ft	28' 8"
Opening	F, F&R
HP motor	20 to 40

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Mongrain Vertical Transport offers a full line of complete high-quality elevator packages for new installations and modernization to supplement worldwide, well-known cylinders and state-of-the-art components. Using standard equipment or custom design, Mongrain Vertical Transport supplies cylinders, power units and piping, slings and platforms, rails and brackets, cab and entrances, door equipment, fixtures and signals, controller and wiring, layouts for approval and detailed field installation manuals.

Application Chart													
Capacity	Clear Inside Car W x D	Opening	A	B	C	D	E	Speed fpm	Maximum Travel				HP
									Direct Acting		Telescopic		
									OH 12'-6"	OH 15'-0"	OH 12'-6"	OH 15'-0"	
2000 lb	5'-8" x 4'-3"	Front	6'-0"	5'-0"	3'-0"	5'-9"	7'-4"	100	13'-2"	15'-8"	23'-8"	28'-8"	20
			125	12'-2"	14'-8"	22'-2"	27'-2"	25					
		Front & Rear	6'-0"	5'-6"	3'-0"	6'-6 1/2"	7'-4"	100	13'-2"	15'-8"	23'-8"	28'-6"	20
			125	12'-2"	14'-8"	22'-2"	27'-2"	30					
2500 lb	6'-8" x 4'-3"	Front	7'-0"	5'-0"	3'-6"	5'-9"	8'-4"	100	13'-2"	15'-8"	23'-8"	27'-7"	25
			125	12'-2"	14'-8"	22'-2"	27'-1"	30					
		Front & Rear	7'-0"	5'-6"	3'-6"	6'-6 1/2"	8'-4"	100	13'-2"	15'-8"	23'-8"	26'-11"	25
			125	12'-2"	14'-8"	22'-2"	26'-5"	30					
3000 lb	6'-8" x 4'-9"	Front	7'-0"	5'-6"	3'-6"	6'-3"	8'-4"	100	13'-2"	15'-8"	23'-8"	26'-4"	25
			125	12'-2"	14'-8"	22'-2"	25'-10"	30					
		Front & Rear	7'-0"	6'-0"	3'-6"	7'-0 1/2"	8'-4"	100	13'-2"	15'-8"	23'-8"	25'-9"	25
			125	12'-2"	14'-8"	22'-2"	25'-2"	30					
3500 lb	6'-8" x 5'-5"	Front	7'-0"	6'-2"	3'-6"	6'-11"	8'-4"	100	13'-2"	15'-8"	23'-8"	25'-3"	25
			125	12'-2"	14'-8"	22'-2"	24'-9"	40					
		Front & Rear	7'-0"	6'-8"	3'-6"	7'-8 1/2"	8'-4"	100	13'-2"	15'-8"	23'-8"	24'-8"	30
			125	12'-2"	14'-8"	22'-2"	24'-2"	40					
4000 lb	5'-8" x 7'-6"	Front	6'-0"	8'-4"	4'-0"	9'-2"	7'-4"	100	13'-2"	15'-8"	23'-8"	23'-8"	30
			125	12'-2"	14'-8"	22'-2"	23'-3"	40					
		Front & Rear	6'-0"	8'-11 1/2"	4'-0"	10'-3"	7'-4"	100	13'-2"	15'-8"	23'-4"	23'-4"	30
			125	12'-2"	14'-8"	22'-2"	22'-9"	40					
4500 lb	5'-8" x 8'-0"	Front	6'-0"	8'-10"	4'-0"	9'-8"	7'-4"	100	13'-2"	15'-8"	23'-1"	23'-1"	30
			125	12'-2"	14'-8"	22'-2"	22'-5"	40					
		Front & Rear	6'-0"	9'-5 1/2"	4'-0"	10'-9"	7'-4"	100	13'-2"	15'-8"	22'-7"	22'-7"	40
			125	12'-2"	14'-8"	22'-1"	22'-0"	40					
Service	Passenger 2000 lb to 3500 lb , Passenger / Service 4000 lb and 4500 lb												
Pit	4'-0" Standard												
Entrance type	Single speed Side or Center Opening (not available for 2000 lb capacity) on Passenger, 2 speed Side on Passenger / Service												
Dimensions	A: Platform Width, B: Platform Depth, C: Opening Width, D: Hoistway Depth, E: Hoistway Width												

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