You dream it. We build it.
RAM can help you tailor your **Crystal Elevator** to be a focal point in your home with stunning architectural features or it can be tucked away for seamless and simple use.
RAM products are designed to provide best in class reliability. RAM’s elevators and lifts are designed to last the lifetime of your home.

More and more homes are being equipped with elevators so that people have options. In new builds, options are limitless but in retrofits space constraints and foundations are critical.

To limit the amount of space your elevator requires RAM’s Crystal Elevator design does NOT require a machine room. RAM has incorporated the best features and technologies of commercial elevators and sized them to fit your home.

RAM custom builds every elevator to suit your application. RAM recommends a minimum hoist way size of 60” x 60”. See the technical section for our full range of sizes.
Crystal Elevators can be designed for travel heights up to 50 feet with multiple entry/exit points.

Total cost of ownership is critical. By design, RAM has one of the lowest maintenance offerings that still ensures safe operation during the entire lifecycle….low maintenance with a focus on safety is the key to peace of mind. Ask us how we do it and we’ll be happy to spend the time with you so you can make an informed decision.

With our innovative and proven drive systems, RAM can deliver one of the smoothest and quietest rides on the market. No matter the use quiet is always a sure sign of quality!

RAM has numerous standard finishes but if you can dream it we can build it! A sample of some of our more popular finishes can be provided but please also visit our webpage for new and exciting finishes as we continue to update them regularly.

LOW ENERGY – RAM Elevators use at least 50% less energy than other comparable products. **Battery backup** - optional. With up to 40 full up-down cycles our Tower of Power will come through when your local power grid fails…don’t be stranded when it really counts.

www.trustram.com
If you can dream it, we can build it – every **Crystal Elevator** is custom built for your home.

1-800-563-4382
Interlocks provided for all gates/doors to prevent opening until arriving at a landing.

Keyed Lock Out and Emergency Stop Button.

Counterweight design creates a balanced system that is intrinsically safe.

Innovative guide rails resist movement when home settles.

Industrial strength cables with redundancy for the ultimate in safety.

Low Profile Floor creates “Pit less” design to minimize total installed costs in new or existing buildings – only a 3 in depression or ramp required where other products require 6 – 12 in pit.

www.trustram.com
Since 1987 RAM has been designing innovative elevators for homes and public buildings. RAM works in partnership with a strong dealer network that installs and maintains our products across North America.

Contact RAM today for a consultation or a custom quote.
**Carriage:**
- Carriages are built to suit variable shaft sizes adapting to building space requirements
- Structural steel members with durable powdercoated finish
- Carriage light curtain which uses sensors to detect motion outside of carriage envelope and stops the carriage automatically if breached
- Wall-mount phone
- Flooring – non skid rubber flooring or flooring supplied/installed by customer

**Controls:**
- 24V carriage and landing controls
- Automatic or constant-pressure operation
- Keyed operation for increased security
- Flexible PLC logic controls

**Drive System:**
- Counter-balanced Traction Sheave Drive
- Standard emergency manual cranking in both up and down directions in the event of power failure
- All machine and electrical components are contained within the shaft-way, eliminating the need for a separate machine room

**Shaftway Construction:**
- 2”x 6” wood frame structure as per supplied installation drawings, with painted drywall finish on inside as desired
- Designed to fit within standard 96” ceiling height at top floor

**Doors:**
- Mechanical or electrical elevator-certified interlocks installed on customer-supplied doors at each landing
- Customer supplied residential doors
- Bi-folding doors with ½ the swing of a conventional swing door for easy access
- Commercial grade Fire-rated swing doors for higher fire rating requirements
- Residential automatic sliding doors similar to typical passenger elevators

**Code Compliance:**

**Warranty:**
- The RAM CRYSTAL Elevator is covered by a 1 year warranty
- Extended Warranties Available, Contact RAM for details

**Options:**
- Carriage Folding Gates in Various Finishes & optional automatic opener
- Auto-lowering available in event of power failure
- RAM Tower of Power™ full battery backup - allows for regular use of the elevator, in both an up and down direction for up to 30 cycles, in the event of a power failure
- Various carriage finishes and lighting (see CRYSTAL Finishes document)
- Automatic door operators

**LIFTING CAPACITY:** UP TO 1400 LB
**TRAVEL SPEED:** UP TO 50 FT/MIN
**TRAVEL DISTANCE:** UP TO 50 FT

**Shaft Depth**
- INSIDE SHAFT DEPTH
  - 52” MIN
  - 80” MAX

**Carriage Depth**
- CARRIAGE DEPTH
  - 51” MIN
  - 79” MAX

**Carriage Width**
- CARRIAGE WIDTH
  - 33” MIN – 48” MAX

**Shaftway Construction:**
- Wood frame structure as per supplied installation drawings, with painted drywall finish on inside as desired

**INSIDE SHAFT WIDTH**
- 52” MIN – 67” MAX

**INSIDE SHAFT DEPTH**
- 52” MIN

**Wall Mount Phone**
- Insured by phone...

**Flooring – Non Skid Rubber Flooring**
- Flooring supplied/installed by customer

**20A/220V/1PH & 15A/110V/1PH c/w fused lockable disconnects**
- 1.5 H.P 3 phase motor with variable frequency speed control

**10203 - 184 Street**
**Edmonton, Alberta T5S 2J4**
**1-800-563-4382**
**sales@trustram.com**

[www.trustram.com](http://www.trustram.com)
Standard Interior Wall Finishes

1. White
2. Contour White
3. Hardrock Maple
4. Noce Como
5. Burma Cherry
6. Autumn Glow
7. Brazilian Walnut
8. Libretti

*These are RAM’s standard offerings but additional Laminate options are available upon request and for additional upgrade price. The price will depend on the laminate selected.
Trim Material Finishes

1. White
2. Black
3. Champagne
4. Anodized Dark Bronze
5. Anodized Medium Bronze
6. Pearlescent White
7. Stainless Steel

*Visible metal parts on the inside of the carriage, including the control panel and hand rails will typically be supplied in the selected trim finish. Push Buttons will be supplied in stainless steel or optional brass finish.

** Black or White Trims are standard and all other options are upgrades
1. Ceiling finish
2. Customer supplied ceiling
3. Flooring finish
4. Customer supplied flooring
5. Gate (Additional gate finishes available, contact RAM for details)
6. Infrared Light Curtain – the invisible safety curtain
7. Customer Supplied Residential Swing Doors
8. Residential Elevator Doors
9. Brass
10. Stainless Steel

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