



Mfg. by  
**ROADMASTER**  
Concrete Mixers

# Why Roadmaster?

- **The experience** — Roadmaster, Inc. has been manufacturing heavy-duty, high-quality steel products for 40 years.
- **The accolades** — Roadmaster products are recognized worldwide as the benchmark brand for reliability, quality and innovation. Numerous awards for best product, best quality and best service are a testament to that fact.
- **The capacity** — Roadmaster has 200,000 square feet of manufacturing capacity, across a broad range of capabilities and disciplines.
- **A true manufacturer** — our volumetric mixers are made from the raw steel up, right here in the Pacific Northwest. What this means to you is the ability to adapt to change. You can easily add or subtract modules to your volumetric mixer(s) as your business evolves.
- **We Listen** — no one understands your business better than you. We listen, we care, we respond.



**We are America's premier concrete mixers**



***"You have to build quality in, you can't add it on"***  
-Jerry A. Edwards, Owner & President

# Why a Roadmaster volumetric mixer?

## **OUTSTANDING MIX QUALITY:**

- Experts agree that the fresher the concrete is when applied, the stronger it will be, increasing the total quality. With a volumetric mixer, the concrete is made “on demand” or when needed, ensuring the freshest concrete possible.
- Volumetric mixers are very flexible and can produce a 0”-10” slump from the same load, giving quality concrete on site to match a wide range of specifications. Mix designs can be changed quickly to accommodate, in a manner of seconds, any mix requirement.

## **LOWER EQUIPMENT & INITIAL INVESTMENT COST:**

- An investment in a volumetric mixer will normally be less than the investment in traditional methods employing a central batch plant with supporting drum mixers. The return on investment when compared to cost and production will strongly favor a volumetric mixer.

## **VERSATILITY:**

A volumetric mixer can be used as:

1. A stationary unit with a local power source (diesel, electric)
2. A mobile unit serving as an “on-site batch plant”
3. A production on-site solution. Time and distance limitations that may apply to traditional methods do not apply. Concern of “hot loads” and water tempering are not applicable to the volumetric mixer.

## **SIMPLICITY OF OPERATION:**

- Volumetric mixers are simple to operate.
- Full view of the control station and the flow of contents during the mixing process.
- Easily adjust water and admix flow as needed.
- As long as the aggregate, sand and cement bins are supplied, the volumetric mixer can produce concrete continuously at a normal rate of 60 yards per hour (this may be increased as required).

## **CONCRETE CAN BE ACCURATELY METERED:**

- Volumetric mixers have a counter. This count is used to calculate exact volume or yield of concrete for separate deliveries to multiple job sites, regardless of the mix design.
- An electronic PLC monitoring system can be included to provide accurate details of the mix, similar to that offered by central batch plants. Every load can be monitored by time and date.

# Why are Roadmaster volumetric mixers better?

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## **MODULAR DESIGN:**

- Best modular design in the industry.
- All major components are manufactured separately, painted and then assembled.
- Modular process requires exact tolerances. The result is a precision built, superior mixer.
- Component capacity upgrades and interchangeability of major components are easily accomplished.



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## **CONCRETE DELIVERY SYSTEM:**

- All concrete contents can be completely emptied from the concrete bin, as may be required.
- All Roadmaster concrete mixers are capable of performing at DOT specifications.
- A hydraulic motor drives our concrete delivery system (standard feature) giving our mixer infinite flexibility in design mixes and overall lower maintenance costs.



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## **ADVANCED MIXING AUGER:**

- Our flighting and shear design enables our machine to produce and deliver concrete at a high angle.
- A Roadmaster concrete mixer can produce concrete at a full rate of delivery when the mixing auger is at a 45-degree angle (six foot end height), up to an 8" slump. This is extremely important if the unit is required to feed a pumper.



## Specifications and optional equipment

### Ten-yard systems

Capacity:	10 yds <sup>3</sup> (7.65 m <sup>3</sup> )
Production:	Rate variable up to 60 yds <sup>3</sup> per hour maximum
Controls:	Manual
Water tank:	Polyethylene; 500 US gallons (1892.7 liters)
Admixture tanks:	12 gallon (low flow) and 35 gallon (high flow)
Auger:	12 inches
Fenders:	14 gauge steel
Gates:	Hydraulic
Chutes:	(2) Steel extensions
Cement bin:	Cement level window cutouts
Oil cooler:	Electric, fan driven oil cooler

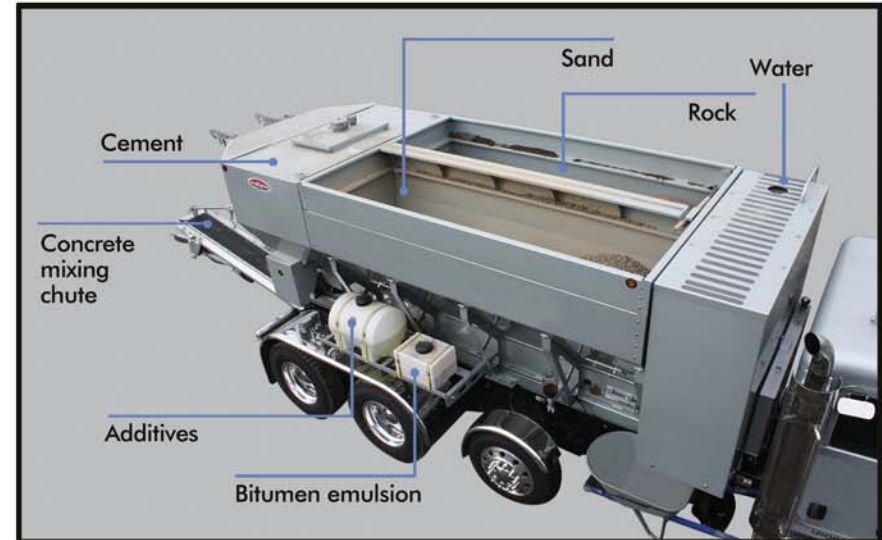
### Twelve-yard systems

Capacity:	12 yds <sup>3</sup> (9.17 m <sup>3</sup> )
Production:	Rate variable up to 60 yds <sup>3</sup> per hour maximum
Controls:	Manual
Water tank:	Polyethylene; 500 US gallons (1892.7 liters)
Admixture tanks:	12 gallon (low flow) and 35 gallon (high flow)
Auger:	12 inches
Fenders:	14 gauge steel
Gates:	Hydraulic
Chutes:	(2) Steel extensions
Cement bin:	Cement level window cutouts
Oil cooler:	Electric, fan driven oil cooler

Important! Truck chassis' weight carrying capacity must exceed the volumetric concrete mixer & truck assembly when fully loaded.

### Optional Equipment

- Additional admix systems
- Hawk 5 computer and printer
- Polished, stainless steel or aluminum fenders
- Flashing beacon lights
- Larger hopper
- Metal water tank cover
- Matching wheel-barrow
- Earth friendly hydraulic oil
- Additional vibrators
- Kelly's Directional remote control drive system
- All LED work lighting
- Custom-designed computer system
- Tarp systems
- Swivel short chute
- Aluminum chute extensions
- Steel chute extensions
- Custom paint to specs



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