

DIRECT DRIVE TYPE CONCRETE MIXING DRUM MIX ACE

The concrete mixer is specially designed for mixing and carrying the concrete. It is excellent performance and very easy operation.

Features

- Durable drum and body
- High performance of mixing and discharging
- Using special high tensile steel
- Easy to operate

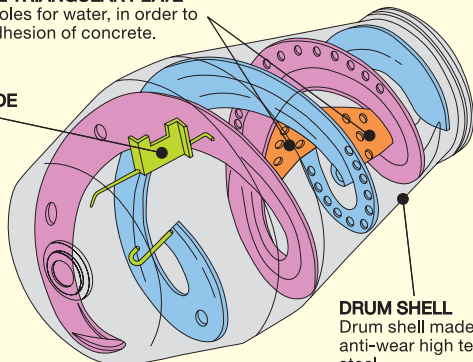


Structure of the drum inside

DETACHABLE TRIANGULAR PLATE

Plates have holes for water, in order to reduce the adhesion of concrete.

MIXING BLADE

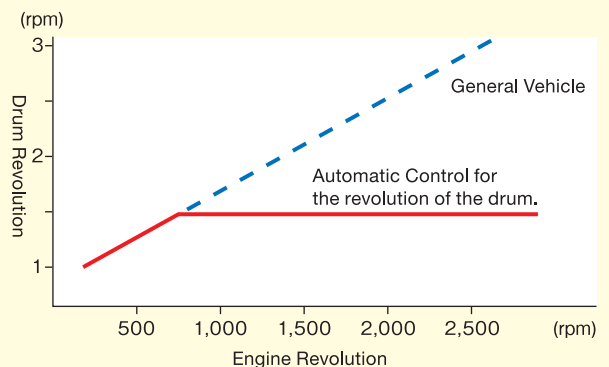


DRUM SHELL

Drum shell made of anti-wear high tensile steel

Less adhesion of concrete

Blades are attached to the drum without making sharp edges. The blades are equipped with holes, so that water runs on their surface. These structures reduce the adhesion of concrete to the inside of drum.



■ The drum is driven directly for decreasing the torque loss.

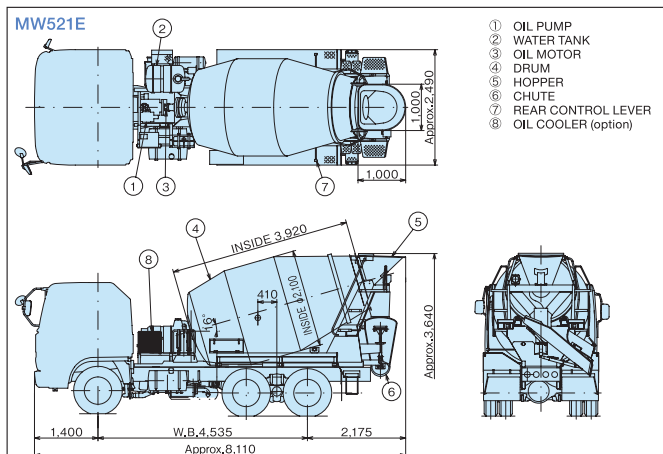
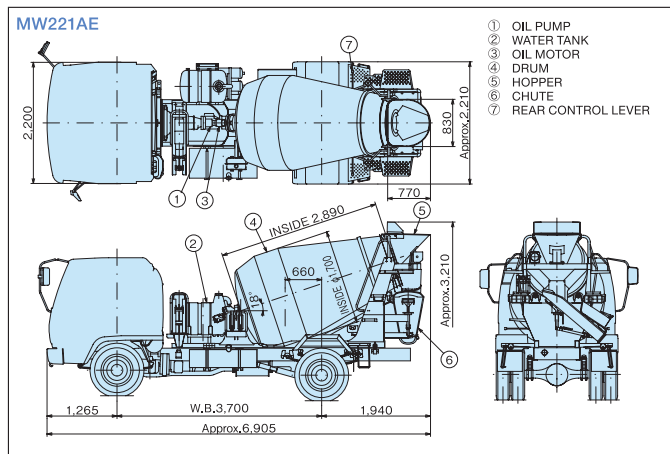
■ The drum is equipped with constant revolution device for keeping the quality of the mixed concrete and energy saving.

Optional equipment



▲ Oil Cooler

Structure



Specifications

| Model | | MW221AE | MW281E | MW521E | | |
|-----------------------------------|--------------------------|-------------------------|---------------|-------------------------|--------------|--|
| | | | | (Agitator) | (Wet) | |
| Dimensions | Overall Length (approx.) | 6,950mm | 7,070mm | 8,110mm | 8,050mm | |
| | Overall Width (approx.) | 2,210mm | 2,490mm | 2,490mm | 2,490mm | |
| | Overall Height (approx.) | 3,210mm | 3,510mm | 3,640mm | 3,690mm | |
| | Chute Height (approx.) | Max. | 1,640–1,690mm | 1,490–1,700mm | 1,720mm | |
| | | Min. | 930–980mm | 900–1,110mm | 990mm | |
| Hopper Height (approx.) | 3,010mm | 3,260mm | 3,570mm | 3,630mm | | |
| Drum | Drum Volume | 4.4m³ | 5.6m³ | 10.2m³ | | |
| | Rear Drum Seal | | Equipped | | Not Equipped | |
| | Max. Capacity | 2.5m³ | 3.2m³ | 7.0m³ | 6.0m³ | |
| Drum Revolution | Charging | 1–10rpm | | | | |
| | Discharging | 1–10rpm | | | | |
| | Mixing | 8–12rpm | | | | |
| | Agitating | 1–3rpm | | | | |
| Discharging Performance | | Slump 5–20cm=24–8rev/m³ | | Slump 5–20cm=12–5rev/m³ | | |
| Water Tank | Tank Volume | 200Liters | | | | |
| | Delivery Method | Centrifugal pump | | | | |
| Drum Driving Equipment | Hydraulic Pump | Axial plunger | | | | |
| | Hydraulic Motor | Axial plunger | | | | |
| | Oil Tank Volume | 18Liters | 35Liters | | | |
| | Hydraulic Circuit | Closed circuit | | | | |
| Max. Payload (approx.) | | 6,200kg | 7,880kg | 17,000kg | 14,600kg | |
| Suitable Chassis G.V.W. (approx.) | | 11,000–12,000kg | 15,000kg | 29,000kg | | |

* Optional equipment are included in these photographs.

* Specifications and dimensions are subject to change without notice.

ShinMaywa Industries, Ltd.

International Sales Dept.
Special Purpose Truck Div.

3-2-43, Shitte, Tsurumi-ku, Yokohama, 230-0003, Japan

Telephone : +81-45-575-5163

Facsimile : +81-45-575-9837

e-mail : overseas@shinmaywa.co.jp

<http://www.shinmaywa.co.jp>