

# Model Selection Guide

How to choose the right self-loading mixer truck — and how many units you need.

## Step 1 • Work out your daily concrete volume

Start from the project, not the machine. Multiply out your largest daily pour:

Volume (m³) = length (m) × width (m) × thickness (m)  
Example: 10,000 m × 6 m × 0.2 m = **12,000 m³** total for a 10 km road at 20 cm.

## Step 2 • Match the volume to a model

| MODEL             | OUTPUT PER 10-H DAY | CHOOSE IT WHEN                                                                      |
|-------------------|---------------------|-------------------------------------------------------------------------------------|
| LM-S2600 (2.6 m³) | 80–100 m³           | Small pours, narrow lanes, tight sites, single-operator work                        |
| LM-S3500 (3.5 m³) | 110–140 m³          | Best-selling model. General contracting, township roads, floors                     |
| LM-F3500 (3.5 m³) | 110–140 m³          | Irrigation canals and slope protection — fixed cab, set the angle and drive forward |
| LM-S4000 (4.0 m³) | 120–160 m³          | Large daily pours, road projects, multi-unit fleets                                 |
| LM-A4500 (4.5 m³) | 150–190 m³          | Highest output, big infrastructure, remote large-scale works                        |

## Step 3 • Decide how many units

Divide total project volume by the daily output of the model you chose:

12,000 m³ ÷ 300 m³/day (two LM-S4000) = **40 days** to complete the road

If your deadline is shorter, add units rather than upsizing — two machines also protect you against a single breakdown stopping the pour.

## Step 4 • Pick the right series

| SERIES              | WHAT MAKES IT DIFFERENT                                                                                            | BEST FOR                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Synchronized Rotary | Cab rotates with the drum, 180° (90° each side). Bidirectional drive — turn the cab around and drive straight out. | Roads, floors, general contracting, sites where you cannot reverse out          |
| Fixed Cab           | Cab fixed to the front frame; drum swings 270° to the right. Most direct steering feel.                            | Irrigation canals — set the discharge angle and drive forward at a steady speed |
| All-in-One          | Integrated heavy-duty chassis, largest drum, highest output per batch.                                             | High-volume infrastructure and remote large-scale works                         |

## Step 5 · Confirm the specification before you order

### Engine

Yuchai turbocharged diesel is standard, matched to model size. Cummins 4BTA3.9-C125-II (93 kW) available on request. Confirm the emission standard for your market.

### Water system

Self-priming pump draws from any pond or canal, then the timer meters and shuts off automatically — two batches per fill on most models.

### Weighing system

Optional electronic hydraulic scale weighs every scoop to  $\pm 0.5\%$  and prints a ticket, so you can prove the mix ratio batch by batch.

### Documents

RCEP Form E certificate of origin, commercial invoice, packing list and bill of lading. For Vietnam also confirm QCVN 19:2024/BTNMT conformity and the đăng kiểm dossier.

## Still deciding? Send us three numbers

1. Your daily concrete volume ( $\text{m}^3$ )   2. Your site conditions (road, canal, floor, foundation)   3. Your target completion date

WhatsApp **+86 181 6878 1275** or email **info@longmaicm.com** — we will recommend the model, the number of units and the delivery route.