

# Mobile Twin Shaft Mixer



**LIEBHERR**

Technical data	MTS 4.5
Mixer type	DW 4.5
Filling capacity	9 yd <sup>3</sup> (6.75 m <sup>3</sup> )
Nominal capacity	6 yd <sup>3</sup> (4.5 m <sup>3</sup> )
Max output in compacted concrete <sup>1)</sup>	250 yd <sup>3</sup> /h (190 m <sup>3</sup> /h)
Max output in fresh concrete <sup>2)</sup>	310 yd <sup>3</sup> /h (235 m <sup>3</sup> /h)
Travel length	43'-6" (13.25 m)
Travel height	13'-5" (4115 mm)
Travel width	9'-10" (3000 mm)
Weight	76 300 lb (34.6 MT)
Discharge height truck mixer	13'-4" (4089 mm)
Discharge height dump truck	11'-4" (3475 mm)
Mixer drive	2x100 HP (2x75 kw)
Conveyor drive	2x20 HP (2x15 kw)
Belt width	48" (1200 mm)
Total electric power	250 HP (184 kw)

1) Cycle time 85 sec.

2) Compaction Factor 1: 1.25

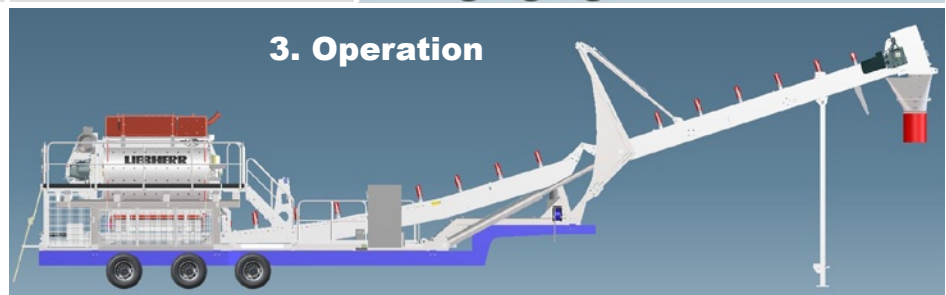
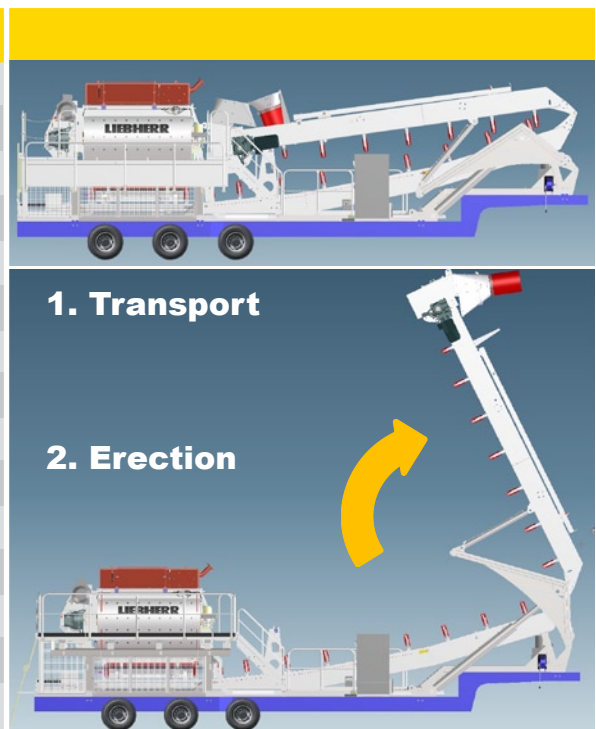
Cycle times may increase and output decrease depending on the rating and design of the whole plant in which the mixer is installed.

## Operation:

The low design allows setting up the mobile twin shaft mixer under a typical dry-batch plant without modifications to the plant. The dry-batch plant with the attached twin shaft mixer can now produce high quality concrete mixes such as roller compacted concrete (RCC), cement treated base (CTB), self compacted concrete (SCC), zero slump concrete, etc.. More flexibility and variability increases the application possibility of the plant and generates more revenue.

## Features:

- Hydraulic unfolding of conveyor
- Low inclined conveyor allows discharge of concrete with slump up to 6" (150 mm)
- Adjustable mixer discharge gate
- Conveyor can be lowered for maintenance work on the drive unit
- Removable truck mixer charging chute
- Galvanized belt frame, platforms and railings
- Gasoline powered high pressure washdown system with spraygun and retractable water hose
- Easy access for cleaning, inspection and maintenance
- Trailer with airbags and adjustable support legs
- Trailer is NAFTA compliant
- Central lubrication for mixer
- Optional admixture dosing system
- Optional additional maintenance platforms around the mixer
- Optional cable remote control



## LIEBHERR CONCRETE TECHNOLOGY

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