

# SKAKO MIXER...

## THE SKAKO MIXER DESIGN FOR QUICKER, CLEANER AND SAFER QUALITY CONCRETE PRODUCTION

### Which special design features?

- Varied shovel design, counter-current movements and different speed of turning shovels
- Interior of mixer designed with no sharp edges or corners
- Particular place, design and size of hydraulically controlled discharge gate
- The safety system of the hatch opening
- Legs raise the mixer by 500 mm off the ground and host wiring and pipes



Unique two-level shovel technology ensures better controlled high intensive mixing. Bolts are countersunk so concrete will not stick and old concrete will not get mixed with new batches.



Side hatches with oil resistant seal make it far easier to access the inside of the mixer. This makes operation and service easy, fast and safe.

### ... and with which benefits?

- creates shifting pressure and vacuum, eliminates dead zones, speeds up the mixing process and produces homogeneous concrete
- facilitates the cleaning, keeps the concrete from getting trapped, and prevents new batch from being mixed with old concrete
- speeds up the emptying, increasing productivity
- Enhance worker safety
- And so make operating and servicing more convenient and protect from dust



Large hydraulically controlled discharge gate speeds up discharging by up to 23%. Since it opens downward, a smaller platform is needed.

Manual discharge function ensures that discharging can take place in case of disruptions in energy supply.



Mixing tools can be easily adjusted into optimal position during servicing.



Safety system for hatch openings enhances occupational safety. This rugged mixer meets prevailing quality and EU safety standards.



- Little manpower needed during lifetime
- Side-mounted hatches for safe and easy access
- Fast replacement of wear parts – max. 25 kg
- Low operating and maintenance costs
- Self-lubricating gear in oil sump



Uniquely designed legs serve a dual purpose. They raise the mixer 500 mm off the ground to make operation and servicing more convenient from below as well as inside. They serve as covered cabinets to protect wiring, pipes and controls from dust.



Automatic oil level and temperature control provides early warning response so operator can quickly identify problem and prevent damage.



Automatic grease feeding for continuous lubrication and less service.



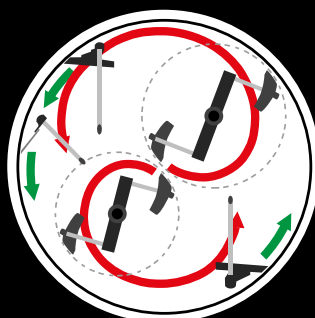
Easy access to inspection site for visual control of the mixing process.



The high-pressure cleaning unit has a rotating cleaning head. The head spools the inside of the mixer with a high-pressure stream of water to dislodge any debris. The mixer is turned on during cleaning so the shovels scrape the wall free of clinging concrete. After it stops, just empty and the job is done.

Type	750	1125	1500	2250	3000	3750	4500
Volume l/kg	750/1200	1125/1800	1500/2400	2250/3600	3000/4800	3750/6000	4500/7200
Max. output per batch m <sup>3</sup>	0.5	0.75	1.0	1.5	2.0	2.5	3.0
Motor size kW	18,5	30	2x22	2x30	2x37	3x30	3x37
Mixer stars	1	1	2	2	2	3	3

- Fast discharging
- Short delivery time
- Short cycle times
- Low energy consumption
- Excellent visibility



**SKAKO**  
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