

Introducing *Avanti* Twin Shaft Mixer



An Italian designed mixer that
gives INCREDIBLE value.

The twin shaft mixer design gives 70 second cycle times, low wear of liner and very efficient mixing, allowing greater throughput and stronger concrete.

Designed, tested and run for 24 hours per day continuous production, batch after batch, non-stop.

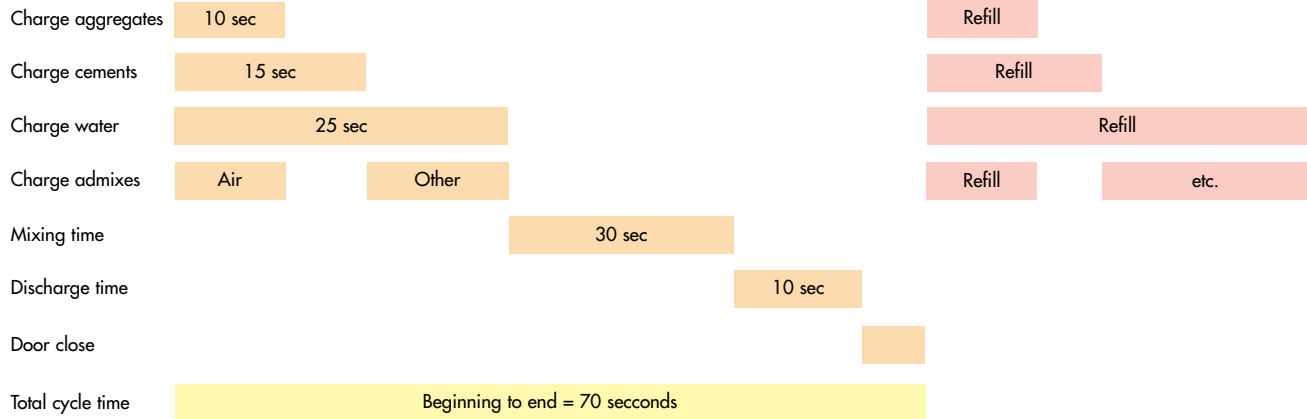
- Air-purged shaft seals for extra long life.
- Extra-hard liner for use with granite aggregates.
- Easy maintenance, simple strip down.
- Italian built gear box is efficient & cool-running.
- Hydraulic discharge gate, electric grease pump.
- Optional electrical fault indicator/alarm box.



THE AVANTI MIXING CYCLE

Although the total cycle time is dependent on the speed at which the charging takes place as well as the type of concrete being produced, typically a batch of wet cast or ready-mix concrete can be produced in 70 seconds, with dry cast, block and paver mixes taking a little longer. The short total

cycle time allows many plants to be upgraded to give **double the output** by **replacing the mixer only**, compared with adding a second mixer, which requires extra conveyors, chutes, holding hoppers and often an increase in elevation of bins and weigh hoppers.



TECHNICAL DETAILS, ENGLISH/**METRIC**:

MODEL	AV2250	AV3000	AV4500	AV6000
Dry filling capacity (aggregates), cu. yd. / cu.m.	2.94/2.25	3.92/3.0	5.89/4.50	7.85/6.0
Yield, uncompacted concrete, cu. yd. / cu.m.	2.35/1.80	3.14/2.40	4.71/3.60	6.28/4.80
Yield, compacted concrete, cu. yd. / cu.m.	1.95/1.5	2.6/2.0	3.9/3.0	5.2/4.0
Time per cycle (loading excluded), sec.	70*	70*	70*	70*
Uncompacted concrete per hour, cu. yd. / cu.m.	120/92*	161/123*	241/184*	322/246*
Compacted concrete per hour, cu. yd. / cu.m.	100/77*	135/103*	201/154*	296/206*
Mixing motors and power, HP/KW	2 x 40/30	2 x 50/37	2 x 55/75	2 x 100/75
Skip hoist available ?	Yes	Yes	Yes	Future
Mixing shaft speed, rpm.	27.7	24.3	24.3	24.3
Number of mixing blades	12	16	20	24
Number of scraper blades	2+2	2+2	2+2	2+2
Weight of empty mixer (without skip), lb/kg	16,400/7430	16,600/7530	20,300/9200	24,500/11,120

* The time per cycle and the yield per hour can vary according to the mix design and the features of the plant.

SCALE-TRON
Perfecting the Art of Concrete Production

Telephone: +1 514 634 7083 • Fax: +1 514 639 6945 102 A West Service Road, Suite 128
 E-mail: scaletron@scaletron.com Champlain, New-York USA 12919

For the latest information, visit our Web site: www.scaletron.com 440 - 19th Ave. Suite 230
 or call us at 1-800-632-7083 Lachine, QC, Canada, H8S 3S2