

HIGH SPEED DISSOLVERS

*The quality
coming with the
experience...*



**SOZER**

The right choice of excellence since 1946

STANDARD PROPERTIES

- * Floor mounted
- * Vessels support and centering system
- * Use of moveable mixing vessel
- * 3-2.000 lt. production capacity range
- * Driving power from 1,1 to 132 Kw
- * Electro-Hydraulic move up and down controlled system
- * Time-adjusted mixing feature
- * Operator panel with button control and display
- * Electrical safety equipment suitable for work safety principles



OPTIONAL SPECIFICATIONS

- * Movable vessel side and bottom scraper system
- * Movable vacuum system
- * Ex-proof design with ATEX Zone 1 EEx dIIB t4 standarts
- * Double suction disc
- * Temperature measurement system
- * Automatic up-and-down feature
- * Weight measurement system
- * Liquid and powder raw material feeding system
- * Recipe controlled automatic PC / PLC control system



STANDARD PROPERTIES

- * Platform mounted
- * Pivoting over 2, 3 or 4 mixing vessel
- * 1.000-10.000 lt. production capacity range
- * Driving power from 30 to 315 Kw
- * Invariable-speed adjustment system with frequency inverter
- * Electro-Hydraulic move up and down controlled system
- * Time-adjusted mixing feature
- * Full-automatic automatic head rotation and centering system



OPTIONAL SPECIFICATIONS

- * Movable vessel side and bottom scraper system
- * Movable vacuum system
- * Ex-proof design with ATEX Zone 1 EEx dIIB t4 standarts
- * Double suction disc
- * Temperature measurement system
- * Automatic up-and-down feature
- * Weight measurement system
- * Liquid and powder raw material feeding
- * Recipe controlled automatic PC / PLC control system



STANDARD PROPERTIES

- * Closed and top-mounted execution desing
- * Platform mounted or floor mounted on their own feet
- * 500 - 5.000 lt. production capacity range
- * Driving power from 15 to 132 Kw
- * Invariable-speed adjustment system with frequency inverter
- * Time-adjusted mixing feature



OPTIONAL SPECIFICATIONS

- * Movable vessel side and bottom scraper system
- * Automatic vacuum system
- * Ex-proof design with ATEX Zone 1 EEx dIIB t4 standarts
- * Double suction disc
- * Temperature measurement system
- * Weight measurement system
- * Liquid and powder raw material feeding system
- * Recipe controlled automatic PC / PLC control system



HIGH SPEED DISSOLVER MODELS FOR FLOOR MOUNTED

Machine Type	SM 3-L	SM 10-L	SM 50	SM100	SM 200	SM 300	SM 500	SM 1	SM 2
Main Motor (Kw)	1,1-1,5	1,5-3	4-7,5	5,5-11	7,5-15	11-22	15-45	30-75	55-90
Mixing Speed (rpm)	0-3000	0-3000	0-1500	0-1500	0-1500	0-1500	0-1500	0-1500	0-1500
Total Volume (Lt)	3	10	50	100	200	300	500	1000	2000
Efficient Volume (Lt)	0,6-2,4	2,8	10-40	20-80	40-160	60-240	100-400	200-800	400-1600

HIGH SPEED DISSOLVER MODELS FOR PLATFORM MOUNTED

Machine Type	SM 1-I	SM 2-I	SM 3-I	SM 4-I	SM 5-I	SM 7-I	SM 8-I	SM 10-I
Main Motor (Kw)	30 - 75	55 - 90	75 - 90	90 - 110	110 - 132	132 - 160	160 - 200	185 - 315
Mixing Speed (rpm)	0-1500	0-1500	0-1200	0-1200	0-1200	0-1200	0-1200	0-1200
Total Volume (Lt)	1000	2000	3000	4000	5000	7000	8000	10000
Efficient Volume (Lt)	200 - 800	400 - 1600	600 - 2400	800 - 3200	1000 - 4000	1400 - 5600	1600 - 6400	2000 - 8000

HIGH SPEED STATIONARY DISSOLVER MODELS

Machine Type	SM 500-I,SBT	SM 1-I,SBT	SM 2-I,SBT	SM 3-I,SBT	SM 4-I,SBT	SM 5-I,SBT
Main Motor (Kw)	15 - 45	30 - 75	55 - 90	75 - 110	90 - 110	110 - 132
Mixing Speed (rpm)	0 - 1500	0 - 1500	0 - 1500	0 - 1500	0 - 1200	0 - 1200
Total Volume (Lt)	500	1000	2000	3000	4000	5000
Efficient Volume (Lt)	100 - 400	200 - 800	400 - 1600	600 - 2400	800 - 3200	1000-4000



APPLICATIONS OF HIGH SPEED DISSOLVER MIXERS

Paints and Coatings

Printing Inks

Casting Components

Construction Chemicals

Pigment Pastes

Composite Materials

Leather and Textile Chemicals

Adhesives

Cosmetic Products

Floor Coatings

Filling Materials

Food Products

Plasters

Mastics

Pesticides

“Your Solution Partner For Sustainable Success”

SOZER MAKINA



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SOZER MAKINA exports approximately 70% of its annual production today. As of the end of 2019, it shares its manufacturing technology and services with contacts in 52 different countries worldwide as well as distinguished Turkish firms. Our specialized engineers and technicians perfectly provide design and project design, production after-sale services.

For Europe



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