



Doğtaş

Makine Sanayi Tic.

Fevzi Çakmak Mah.10611 Sk.
6/A Karatay Konya
TEL: 0 332 248 52 00
FAX :0 332 342 24 73
Web: www.dogtasmakine.com
Mail: bilgi@dogtasmakine.com

BASKET MILL



Turkey
Discover
the potential



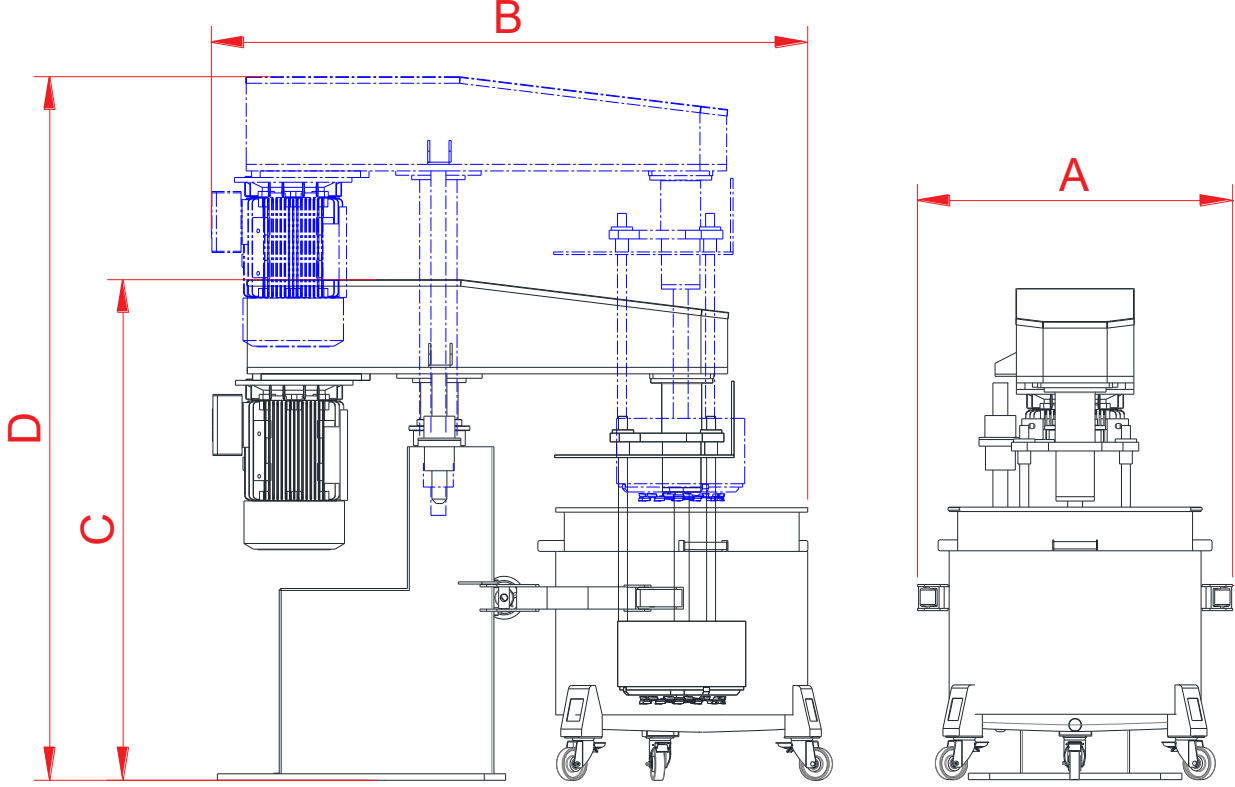


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TECHNICAL SPECIFICATIONS



CAPACITY	A (mm)	B (mm)	C (mm)	D (mm)	Boiler Volume (Lt)	Basket Volume (lt)	Working rpm	Motor Power
DBM 100	1000	1500	1300	2050	100 Lt	3,7 Lt	1600 rpm	5,5 KW 7,5 HP
DBM 200	1100	1700	1500	2250	200 Lt	7,5 Lt	1600 rpm	7,5 KW 10 HP
DBM 500	1300	2000	1700	2500	400 Lt	16 Lt	1150 rpm	22 KW 30 HP
DBM 1000	1500	2850	2250	3300	800 Lt	30 Lt	920 rpm	37 KW 50 HP
DBM 2000	1700	3100	2750	4000	1600 Lt	80 Lt	650 rpm	75 KW 100 HP



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GENERAL FEATURES

BASKET MILL is a system for dispensing high quality products.

With BASKET MILL, the liquid phase mixture of dissolver blade solids and pre-dispersion and integrated with the basketmill, fine grinding can be done in one machine and in one container.



WORKING PRINCIPAL

The high-speed disc under the basket absorbs the desired product to be crushed from the top of the basket into the conical grinding chamber.

Other mixing discs in the grinding chamber, dispersion giving the necessary energy and movement to the grinding / grinding balls in the chamber. There is a large and slotted sieve system under the basket. This sieve allows the product passing through the grinding chamber to return to the boiler, while the crusher / grinding balls keep the balls in the grinding chamber. The dispensed product passing through the sieve is thrown towards the boiler walls by the centrifugal force created by the high-speed disk under the basket, with the help of the conical structure of the boiler bottom, the product enters the grinding chamber from the top and circulation is provided.

Since the products to be processed are processed in a single boiler from the beginning to the end of the process, the needs such as extra boiler, pump, hose and pipe system are eliminated.

Both the dispersion boilers and grinding chambers of the Basket Mill have an efficient cooling system thanks to the water jackets. In this way, if the product temperature is optimally changed during the process, if the product structure changes during the process, the necessary addition of binders, solvents or other additives without interrupting the process can be made easily.

Cleaning of the grinding chamber, dispersion group parts and grinding / grinding balls is also very quick and practical.





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STAINLESS BOILER



CAPACITY	DIAMETRE	HEIGHT	BRUT CAPACITY	WORKING CAPACITY	THICKNESS	WHEEL DIA	BOILER OUTPUT
DBK 100	630 mm	500 mm	155 lt	100 lt	1,5-2	80	1"
DBK 200	800 mm	600 mm	300 lt	200 lt	2-2,5	100	1 1/4"
DBK 500	960 mm	800 mm	580 lt	400 lt	2,5-3	125	1 1/2"
DBK 1000	1100 mm	1060 mm	1000 lt	800 lt	3-4 mm	150	2"
DBK 2000	1300 mm	1300 mm	1750 lt	1500 lt	4-5 mm	200	2 1/2"

