

SCOTT HST Turbo Blender



The SCOTT HST TURBO BLENDER is a continuous blender that is capable of consistently blending a wide variety of materials. These materials may be in powder, slurry or liquid form and up to 5 different materials can be continuously blended at one time. The HST Blender will mix powders with another powder, powder with a liquid or several liquids together and create a homogeneous product free of any agglomerates or lumps. This machine is best suited in an application where high intensity and low retention time are needed. It is excellent for mixing small amounts of liquid with a dry powder in a coating application. Direct heat or a steam/hot oil jacket can also be added where heat and intense mixing are needed to melt and coat the powder. If cooling is needed a cooling jacket is available.

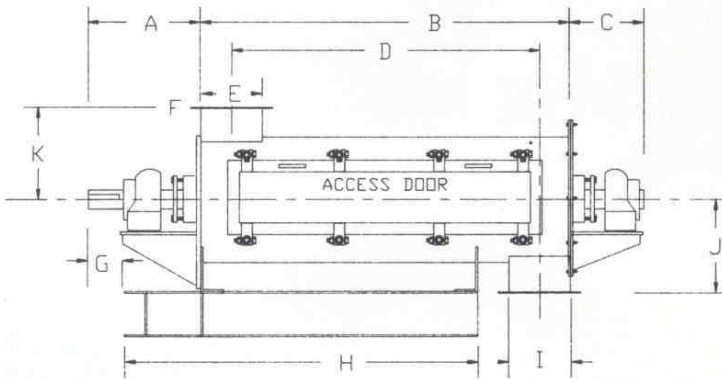
The HST Blender is especially efficient in applications where materials need to be de-agglomerated. It is often used as a finisher for cake mix or bakery mix applications and with the addition of breaker bars will serve a variety of de-agglomerating or grinding applications.

The HST Blender is often used for mixing liquids with baghouse dust, mixing dry materials with waste sludges and also for conditioning fly ash and bottom ash.

The unit can also be used as an agglomerator where fine agglomerated particles are being formed with the addition of liquid binding agents. Adjustable paddles can be replaced with pins in some agglomeration applications.

HST Turbo Blender

The HST Blender is perhaps the most flexible mixer on the marketplace today because of its capability to mix such a wide variety of products. This flexibility stems from the adjustability of the paddles and speed of the unit. Simply by adjusting the paddles and the speed of the mixer shaft the unit gives you the mixing results you desire. This blender is available in operating speeds up to 3000 RPMs. The materials of construction are available in carbon steel, 304 or 316L stainless steel and many different specialty materials. For cleaning, the unit has several large access doors or it can be offered in a clam shell design. Whether the material is dry, moist or a slurry the Turbo Blender is capable of mixing the material in an efficient manner.



HIGH SPEED BLENDER DIMENSIONS (IN)

MODEL	A	B	C	D	E	F	G	H	I	J
1048	15	48	10	42	6	9	5	48	6	9
1060	15	60	10	54	6	9	5	60	6	9
1449	15	48	20	41	7	11	5	47	7	11
1460	15	60	10	53	7	11	5	59	7	11
1648	15	48	10	39	9	12	5	45	9	12
1660	15	60	10	51	9	12	5	57	9	12
2072	18	72	12	59	13	14	6	67	13	14
2090	18	90	12	77	13	14	6	85	13	14
3090	20	90	12	75	15	19	8	83	15	19

NOTE: These dimensions are for general use only. Not to be used for actual design purposes.



SCOTT
EQUIPMENT COMPANY

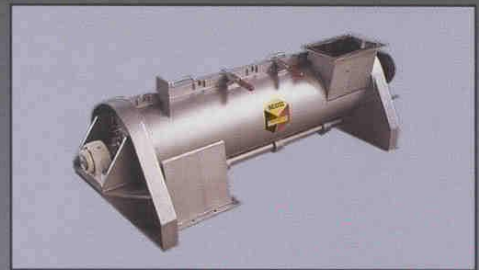
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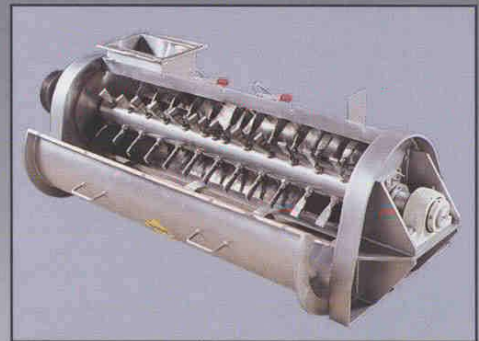
**After all, you wouldn't want
to mix us up with anyone else.**



The HST Turbo Blender is available with the necessary support structure that can be designed to accommodate the height requirements for each customer's specific application.



The HST Turbo Blender has numerous options available for inlet and discharge configurations. Special liquid addition spray systems are also available as an option.



For easy cleaning a complete clam shell design is available. The interior is quickly exposed for necessary sanitary design configurations.



The shaft paddles are supplied with a variety of hard surface treatments. The paddles are adjustable and replaceable for ease of maintenance.