

# High-Speed Blender



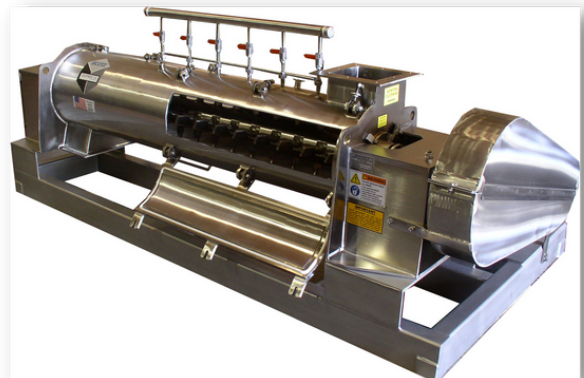
## The answer for a flexible continuous blend

The high-speed blender is a continuous blender capable of consistently blending various materials and is best suited for applications with high intensity and low retention times. Materials may be in powder, slurry, or liquid form, and up to 5 different materials can be continuously blended in a single process. In addition, the HST Blender will create a homogeneous product free of agglomerates or lumps.

- Custom manufactured in carbon steel, 304 stainless steel, 316L stainless steel, or Hardox.
- Full sanitary designs available up to 3A Dairy standard
- Available with heating or cooling jacket and liquid addition spray systems
- Clamshell or multiple access doors provide for easy cleaning and maintenance.



- Adjustable paddle configurations and variable PRMs (from 200 to 500) result in a flexible machine capable of processing various applications.
- Various inlet and discharge designs are available.
- Efficient in applications where the material needs to be de-agglomerated, such as bakery mixes



- Successful in mixing liquids with baghouse dust, mixing dry materials with waste sludges, and conditioning fly ash and bottom ash
- Beneficial as an agglomeration 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.





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Innovative solutions for your processing challenges

## High-Speed Blender Agitators

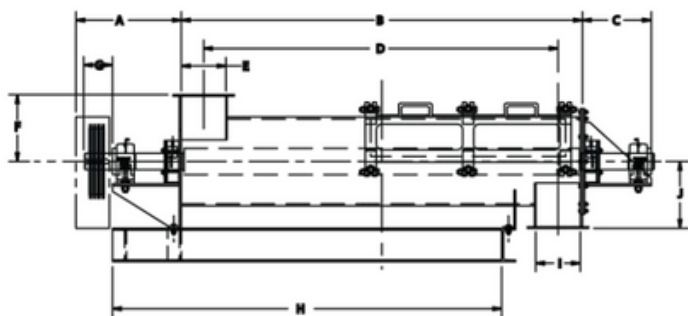
The high-speed blender utilizes paddle agitators for efficiently blending and mixing various materials. In addition, the paddles are entirely adjustable, rendering the HS Blender one of the most flexible continuous blenders on the market today.

### Paddles

- Paddle design allows for easy cleaning of the agitator assembly
- Paddle blades are adjustable and replaceable to maintain close tolerance to the mixer bottom in the non-sanitary models
- The addition of breaker bars to the agitator system creates a mixer grinder for deagglomerating applications



Our standard size High-Speed Blenders include:



High-Speed Blender Dimension Chart										
SIZE	DIA A	DIM B	DIM C	DIM D	DIA E	DIM F	DIM G	DIM H	DIM I	DIM J
1048	15	48	10	42	6	9	5	48	6	9
1060	15	60	10	54	6	72	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

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