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HEAVY-DUTY GRANULATORS DELIVER EXTREME THROUGHPUT CAPACITIES

SMITHFIELD, RI — SMS Series granulators from Herbold USA are heavy-duty knife granulators designed for challenging applications that require high throughput capacities. Eight models are available with throughputs from 440 – 17,600 lbs. per hour.

A removable deflection wedge is a standard feature on all SMS models. It introduces a third bed knife that improves the granulator's ability to efficiently process heavy lumps, thick-walled pipes, thick sheets and other dense items. When the deflection wedge is removed there is more space in the feed opening and destruction chamber which facilitates the size reduction of large, bulky items.

SMS series granulators feature rotor and bed knives mounted at opposing angles. This configuration ensures a uniform cutting gap across the entire length of the knife resulting in greater rotational inertia, reduced energy requirements, and regrind with few fines and improved bulk density.

An optional complete wear protection package is available for processing abrasive materials including glass filled plastics.

Rotor and bed knives are adjusted in a fixture outside of the machine prior to installation. This significantly reduces downtime due to knife changes. To further simplify routine maintenance and knife changes, SMS granulators are constructed in a two-piece, split hinged design that, when open, allows unmatched access to the cutting chamber, knives and rotor.

SMS Series granulators can be supplied with a variety of accessories including in-feed conveyors, sound dampening enclosures and more.

Herbold Meckesheim USA, a subsidiary of Herbold Meckesheim Germany, designs, manufactures, and installs size-reduction equipment (shredders, granulators, etc.) and wash-line systems for the plastics industry, specializing in the recycling of industrial and post-consumer plastics.

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