

POWER PROFILE: SB MANUFACTURING, INC.

A CLEAN SWEEP ACROSS AMERICA



LOCATION:

Wichita, Kansas

SCOPE OF ENGINE USE:

Cat® C3.4 US EPA Tier 4 Interim, EU Stage IIIA Industrial Engine

CAT DEALER:

Foley Equipment

www.superiorbroom.com

BRUSHING UP ON THE BASICS

Picture a crowded city full of cars in the street, buses blocking lanes and people on the sidewalks. What do you see? If you're picturing trash and dirt, you're not alone. And along with that road debris and detritus you're picturing comes a whole host of public health and safety issues too long to list. But perhaps now more than ever, safety and wellness is priority number one in cities around the world. And what's one of the most basic, fast and efficient ways to keep streets and cities clean? You guessed it: street sweepers. Professional, self-propelled side-cast sweepers, AKA street sweepers, are essential machines for construction contractors and government bodies. One of the leading producers in this industry is SB Manufacturing.

Founded in 2002, SB Manufacturing specializes in designing and building self-propelled sweepers under its Superior Broom brand name. Superior Broom sweepers are used for maintenance cleaning of roadways and for cleanup purposes after chip-seal, slurry-seal and when concrete paving projects are complete.

While SB Manufacturing sells several types of sweepers for various applications, its two newest models are getting a lot of attention – the SM74 front-mount model (with the broom positioned in the front) and the best-in-class DT74 mid-mount-broom model (with the broom positioned under the center of the machine). Both models are proving to be very popular with contractors and governmental customers, based on their unique designs, versatility and in-demand features.

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In fact, these high-quality machines have many features not found on any other side-cast sweepers. SB Manufacturing's proprietary, smart hydraulic system and electronic manifold delivers power where and when it's needed for optimum operator control and productivity. The manifold is mounted remotely and controlled with an electronic joystick to keep hydraulic heat and noise outside the cab, ensuring greater operator comfort.

The operator also benefits from a cab that is roomier and better pressurized than cabs in competing machines, and mid-mount only rear spring suspension supplies a smooth ride and enables more solid machine control. Also, its variable brush-speed control allows for slower-churn sweeping when passing in close proximity to buildings and parked vehicles.

In addition, Superior Broom SM74 and DT74 models are the only side-cast sweepers in the industry that come equipped with a Cat® engine. Therefore, both machines are ideal additions for Cat equipment fleets.

SWEPT AWAY BY EXCEPTIONAL SERVICE & SUPPORT

When SB Manufacturing planned to upgrade their equipment to be in line with the latest emissions standards, the company worked closely with Cat dealer Foley Equipment. "When we were looking to meet U.S. Tier 4 Final emissions standards with our new models, Foley Equipment and Caterpillar came to the table and offered the right price, the right features and the right lead time," states Shane Reeder, President of SB Manufacturing. "They have been very easy to work with, very responsive."

SB Manufacturing ultimately selected a Cat C3.4 (208cid) 74hp, turbo charged, Tier 4 Final engine for the SM74 and DT74 hydraulically driven sweepers. This engine met the company's requirements for multiple reasons: it fulfills customer demand for quiet operation. It is a balanced engine that offers the right displacement for Superior Broom sweeper designs. Plus, this engine delivers plenty of power and a high torque curve, which are necessary to operate SB Manufacturing's high-tech hydraulics.

Customers are taking notice – especially those who already appreciate, prefer and promote the advantages of Cat powered equipment. As SB Manufacturing increases production in order to market and sell new machines to even more customers around the world, Foley Equipment continues to provide important support by making sure the manufacturer never runs out of Cat engines. "That fact alone has been very beneficial," says Reeder. Stay tuned for more updates from SB Manufacturing as future plans include transitioning to the new C3.6 engine.



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LET'S DO THE WORK.™

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