

POWERSOURCE

A publication of John Deere Power Systems

Spring 2015

SWEEPERS WITH SWAGGER

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**CLIMB AND CRUSH
WITH THE RM 80GO!**

The CarpetBeater 2400 SD makes artificial grass affordable for sports clubs with limited budgets.



LET THE GAMES BEGIN!

**CARPETBEATER MAKES ARTIFICIAL SPORTS FIELDS
AFFORDABLE FOR SMALLER CLUBS**

Maintaining artificial turf sport fields in optimum condition can be challenging and expensive for local councils — but it doesn't have to be anymore. The CarpetBeater CB 2400 SD cleans artificial turf mats right on the field then rolls them up so they're ready to be used elsewhere. The unique machine offers an affordable solution for clubs with a sustainable heart and a tight budget.

At the age of only 21, Edward Galesloot started his own steel construction company in his father's barn. Soon, he became the go-to expert for special, one-off steel construction projects. His challenge-driven approach to innovation has led to many unusual machines, including the CarpetBeater, built after a design by local manufacturer Schuurman International.

A PowerTech M 4.5L Tier 3/Stage III A engine powers the CarpetBeater 2400 SD.



WHERE BIG HEARTS AND SMALL BUDGETS MEET


"To provide a softer, more responsive surface for players, infill — crumb rubber, sand, or a mix — is added," explains Galesloot. "When cleaning, the CarpetBeater 2400 SD recycles both mats and infill. It is simple in design but offers a big payback."

The 2.4-meter-wide (7-foot-wide) CarpetBeater picks up the grass mat from the field, separates 99 percent of the infill from the turf, and rolls up the clean mat to a maximum of 300 square meters (3,229 square feet). The machine, with its patented rotating beating mechanism, has a cleaning capacity of 2,400 to 4,000 square meters (25,833 to 43,056 feet) per day. The rubber tracks allow the CarpetBeater to be used in dry or wet conditions, while protecting the underlying surface from damage during cleaning.

'THERE'S A JOHN DEERE INSIDE'

To enhance its usability, the CarpetBeater was designed to fit regular transport containers. Keeping its width to 2.4 meters (7 feet) was a challenge and one of the reasons Galesloot chose its first John Deere power source, a 56-kW (75-hp) PowerTech 4.5L engine. "It was the narrowest engine in this power range and, with some adjustments to mounting bolts and dynamo, John Deere engine distributor NPS Diesel ensured a perfect fit. It's a conventional, no-frills engine that can stand heat and dust. And it's well priced in terms of kilowatts compared to other brands. NPS delivered quickly and were happy to provide useful information on export regulations."

Schuurman International revealed the CarpetBeater in 2013 at a show in Cologne. A Canadian customer was so impressed that he ordered two units, at twice the size! "When we said 'there's a John Deere inside,' he looked relieved," says Galesloot. "John Deere has a strong reputation in Canada, and there's a service point around every corner."

 NPS Diesel B.V. in Ravenstein, The Netherlands. www.npsdiesel.com