

# SandMatic B1005D



## **Fully automatic infilling machine for exact dosage of sand and rubber into modern artificial turf surfaces**

The SandMatic B1005D is a compact automatic and self-driven infilling machine for the exact dosage of sand and rubber into modern artificial turf surfaces. Equipped with the innovated brush technology of the proven SandMatic B1503 and B1505, this machine meets the specific requirements needed for the modern artificial turf systems even if the pile is extremely high.

The infilling material is spread out in proportion to the speed at which the machine is running. A slide valve enables the quantity of material strewn to be constantly variable from 2.5 - 40 kg/m<sup>2</sup>. A free-hanging brush unit with separate, rubber-cushioned brushes straightens and evens out the carpet pile. The sand is spread at the same time, thus stabilising the pile while the oscillating brush unit which follows carefully, and in one process, works the material into a level surface. The SandMatic B1005D can spread out and work the material into the surfaces either forward or backward. An overdrive allows quick maneuvers. Therefore the efficiency of the machine is considerable – with an infilling power between 1 and 10 m<sup>2</sup>/min.

The working width is 1,000 mm. The B1005D is driven by a water-cooled 3 cylinder diesel engine with a performance of 16 HP. A comfortable driver seat with adjustable seat position (left/right) guarantees clear work and an ergonomic operation. Thereby the working direction and the positioning of the traveller can be adapted at an optimum to the structural condition on the jobsite. All the machine's functions can be controlled hydraulically, thus the B1005D is easy to maintain and use. The volume of the container is 0.8 t/m<sup>3</sup>. Bulk material, material in bags or small BigBags are ideal for the infill of the B1005D. A paddle shaft which can be activated breaks up clumped rubber.

The weight of the machine is supported by 6 large tires. So the machine when filled conforms to the permitted ground pressure for the subbase. Forklift slots make loading by a forklift a safe operation.



Comfortable driver platform with seat, allows overview and ergonomically operation.



Brush unit for straightening and evening out the pile and brushing in the filling material



Material output exact adjustable through a slide valve



6 large wheels for minimum ground pressure and easy maneuvering



water-cooled diesel engine and hydraulic unit

<b>Chassis</b>	Laser-cut steel frame construction, plastic-coated
<b>Drive</b>	3 cylinder Kubota diesel engine, water-cooled / 12 kW (16 HP)
<b>Control</b>	Hydraulic
<b>Hydraulics</b>	Hydraulic tank 40 liters
<b>Tires</b>	(20x10.00-8) 2 pc. front (16x6.5-8) 4 pc. back
<b>Spreading width</b>	1.000 mm
<b>Spreading quantity per pass</b>	Sand: 2.5 - 40 kg/m <sup>2</sup> Rubber: 0.5 - 15 kg/m <sup>2</sup>
<b>Spreading performance</b>	1 - 10 kg/m <sup>2</sup>
<b>Machine weight when empty</b>	960 kg
<b>Max. filling weight / Container volume</b>	0.8t / 1m <sup>3</sup>
<b>Dimensions</b>	L 3.000 x W 1.400 x H 1.270 mm

Subject to technical alterations



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