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Wavin opts for Rajoo-Bausano compounding/pelletising system



Pipe specialist Wavin Group, which is a part of Orbia Group, has expanded to the the Indian market with its wide range of plumbing and drainage pipes and fittings.

For Wavin, to allow for import substitution of its PVC granules meant that it had to source for a local machine maker.

It selected the Indian/Italian partnership of Rajoo-Bausano, which offers European technology at what it says is “globally competitive yet

affordable prices”.

Wavin selected the twin screw extruder Granulex, with a screw diameter of 92 Mm, which was commissioned in 2021.

Rajoo Bausano offers the PVC granulation line for an output range from 200 to 3,500 kg/hour and power consumption as low as 0.05 kwh/kg, which it claims is the lowest in the segment.

Parallel counter rotating technology empowers the user to process wide range of formulations, quality output at low power consumption.

The MultiDrive system, while eliminating the torsional stress on driving shafts, enhances the life of the system, and lowers the power consumption of the system by up to a significant 40%.

The die head, the die face cutter and the cooling unit adds on to a reduced downtime, handles a range of recipes and offers efficient cooling of granules, adds Rajoo.



“For us it was a matter of belief. Bausano comes with an incredible experience of supplying over 3,500 such compounding lines globally. For Rajoo-Bausano, this partnership is a big step, as we delivered India’s biggest granulating line in 2017 to Astral, truly living up to the Make-in-India dream; and supplying this to a leading global company Wavin, just makes the feeling much better. It does immensely boost our confidence,” says Sandip Bhuvra, CEO, Rajoo Bausano Extrusion Pvt Ltd.

Applications of the Granulex are diverse. As regards rigid PVC, it finds usage in uPVC and cPVC pipe fittings, window & door profiles, containers & bottles, wood plastic, recycling granules (pipe, window profile scraps) etc.

As regards the soft PVC, Granulex can be well used for cables & wires, medical applications, hoses & profiles, footwear, TPR etc.

Rajoo Bausano Extrusion Pvt. Ltd. , is a joint venture between Rajoo Engineers with Bausano & Figli SpA, Italy that commenced operations in 2012.

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