

MariMatic to deliver Automatic Waste Collection to the City of Amsterdam

MariMatic has, through a public tender process, been chosen by the city of Amsterdam as the supplier of an Automatic Waste Collection System (AWCS) for the new residential area in Sluisbuurt. The system utilizes MariMatic's unique energy efficient MetroTaifun® technology with non-corrosive pipe networks.

Sluisbuurt is a new neighborhood in Amsterdam located on the Zeeburgereiland and it will comprise of 5500 new homes and include schools, shops and offices. In addition to the OAT system (Dutch acronym for automatic waste collection system AWCS), the area will be equipped with other kind of sustainable technologies, such as district heating from renewable energy.

Waste is collected and transported directly from the buildings through an underground pipe network by using vacuum conveying to a waste transfer terminal, eliminating noisy and polluting traditional waste trucks from the area. Four different waste fractions are collected to separate containers located in the waste transfer terminal. The containers will then later on be picked up for further distribution to recycling centers etc.

The waste transfer terminal, which is part of the scope of the contract, called "The Diamond", will be located in the park. The building is designed with high sustainability in mind, including solar panels, rainwater collection and even a charging point for the service cars. Part of the walls will be glass, giving the public possibility to view the pneumatic collection in action.

The public tender in Amsterdam was focused on technology, reliability, performance, quality, and a technical life cycle of 60 years. MariMatic's technology and solutions achieved maximum scores.

MariMatic is known for the usage of 300 mm diameter "composite piping", instead of the commonly used 500 mm carbon steel piping systems. Due to absence of corrosion, longer life cycle of the systems is achieved. Interruptions of possible blockages are minimized, as the waste easier fills up the pipe, giving higher vacuum force for conveying. Development of MariMatic's formator technology enable use of larger waste bags (150 liter) in 300 mm size piping. MariMatic's patented *Ring-Line* configuration allows change of air flow direction, to facilitate removal of possible blockages.

Recently, MariMatic was also awarded contracts to supply Automatic Waste Collection Systems for the two new residential areas in Sweden, Förseglet, Västerås and Haga Norra, Stockholm. The order value of these together with the Amsterdam contract exceeds 30 million euros.

MariMatic is a technology company, developing and marketing vacuum pipe conveying systems. Development of the products and solutions began in 1983 and since then, over 1000 systems have been delivered to over 40 countries.

For more information:

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