



Rotary Tube Splitter (RTS)

Contact us directly.

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What does it do?



The Rotary Tube Splitter (RTS) is designed for representative splitting of bulk material. The material is split evenly between a number of sample outlets.

What's the benefit?

The Rotary Tube Splitter (RTS):

- Offers a uniform and fully automatic division of material that would otherwise be laborious if carried out manually.
- Is easy to install and operate.
- Has low maintenance costs.
- Can be used for “duplicate samples” extraction (A, B, C and D samples).

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How does it do it?

The RTS consists of a drive unit, a rotating dividing pipe, a top cone with an inspection hatch, a rotation sensor, and a bottom cone with sample outlets. The motor unit is connected to a pulley that drives the timing belt and rotates the dividing pipe. The upper part of the dividing pipe is mounted on ball bearings.

The material is loaded into the upper part and ducted towards the periphery of the bottom cone's inner wall, where the outlet slit geometry ensures a uniform split.

What is the standard?

M&W JAWO Sampling equipment and sampling systems operate in accordance with approved international material standards such as ISO, ASME, GOST, EN as well as DS3077 (2013). All sampling equipment and solutions aim for compliance with the principles laid down in the Theory of Sampling (TOS) and gives our customers reliable knowledge of the material properties such as moisture content, particle size distribution, mineral proportions, and content grade essential for commercial, operational, and technical characterization.

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Variants/Options.

Variant 1 (standard)

The Rotary Tube Splitter (RTS-2) has two sample outlets in the bottom section.

Variant 2

The Rotary Tube Splitter (RTS-3) has three sample outlets in the bottom section.

Variant 3

The Rotary Tube Splitter (RTS-4) has four sample outlets in the bottom section.

Option 1

The M&W central control cabinet can exchange signals with the client's control system.

Option 2

The RTS can be delivered with heat bearings on the lower cone.

Option 3

The RTS can be delivered with an inner rubber coating in the housing of the unit to reduce the noise level.

Nota Bene 1

The splitter is typically used for splitting the material evenly by the division of two, three or four. To clarify, as opposed to the RTD the RTS does not have a reject outlet.

About M&W.



Mark & Wedell A/S (M&W) is a global mechanical/electrical engineering and manufacturing company. M&W serves a solid and growing international customer base within the global mining-, minerals-, metals-, power generation- and big science markets.

We develop, engineer, and produce high quality mechanical and electrical machines, instruments, and solutions. Our brand JAWO and unique know-how is well recognized in our markets and among our customers due to more than 40 years of experience.

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