Dosing Conveyor (DoC)
What does it do?

The Dosing Conveyor (DoC) is specially designed to transport high volumes of sample material and can be engaged in any of the steps of the sampling process. Contrary to a standard conveyor belt, the DoC has a design that ensures a minimum of spillage and correct dosing for instance into a crusher or a divider. The DoC can also be used to transport the reject material back to mainstream.

What’s the benefit?

• The DoC can handle higher volume of sample material compared to a Vibration Feeder (VF).

• The special design of the DoC reduces spillage.
How does it do it?

The DoC has an inlet where the material enters, it falls to the rubber belt and then the material is transported to the outlet. The unit is driven by a geared motor, directly connected to the drive pulley. Both the drive- and turn pulleys are suspended from ball bearings that are fastened to a sturdy frame design. The pulleys are crowned in order to keep the belt centered. The turn pulley also acts as a tension roller. The speed of the material flow is adjustable.
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.
Variants/Options.

**Option 1**
The DoC is available with special high-profile belts, that enabling material to be transported in angle up to 35°.

**Option 2**
The DoC is available with an inlet in the center of the unit this enable the material to flow in two different directions, either to the right or to the left.

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.