

A close-up photograph of industrial machinery, likely a mill or granulator. The machine is primarily silver and grey, with a prominent yellow and green section on the right. A white rectangular box is overlaid on the left side of the image, containing text. The background is slightly blurred, showing more of the industrial environment.

Online Particle Size  
Measurement System  
MYTA

**Consistent granulation  
for an optimized pro-  
duction process**

# Monitoring of granulation in real time

## Measuring results that can be reproduced

### Application for hammer and roller mill grinding

The online particle size measurement system MYTA is suitable for the grain processing industry to measure particle size in real time. In combination with the Antares Plus roller mill deviations of the granulation are recorded and via servomotor the grinding gap is immediately adjusted to the target values.

### Online determination of the granulation in the 10 – 5000 µm range

The measuring system is suitable for continuous particle size measurement in the 10 - 5000 µm range. The online particle size measurement system MYTA combines laser diffraction and image processing into one system and determines thereby the particle size distribution of the ground material in the ongoing process.

### Consistent online analysis

The operating software shows deviations of the particle size distribution and provides the basis for a monitored and traceable product quality.

#### Advantages

End products with **consistent particle size distribution** that is **traceable at any time**

Measuring results are **directly comparable** with traditional sifting method

**Minimized yield loss** thanks to rapid detection of sieve ruptures



# Analysis and tracing of each batch For maximum yield

## Detection of sieve ruptures

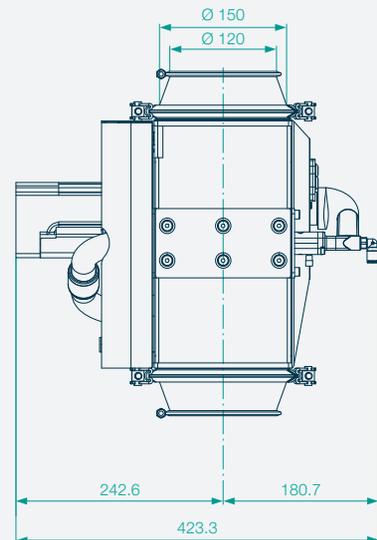
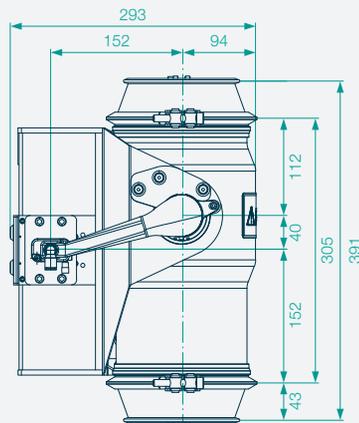
When used in grinding, the particle size measurement unit measures the particle sizes and compares the actual and target values. If the deviation is too great over a longer period, this indicates a sieve rupture. Thanks to the rapid detection, yield loss is reduced to a minimum.

## Monitoring of the particle size

The MYTA online particle size measurement continuously measures the particle size distribution and compares the actual and target values. Antares Plus records deviations and immediately adjusts the grinding gap via servomotor to the target value.



		MYTA
Measurement range	µm	10–5000
Height / width / depth	mm	386 / 420 / 285
Weight	kg	14
Power consumption	kW	0,25
Pipe diameter	mm	120 / 150



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