



# Micro Dosing Unit (MDU)



The Micro Dosing Unit (MDU) is a modular build high accuracy dosing system suitable for a wide range of different applications. It is also an easy expandable system in case needed. The MDU consists of a robust and hygienic designed base-frame made of steel box sections with the bin hoppers, dosing equipment and scales fully integrated.

The MDU can carry itself a reasonable sized bin block with max. 8 bins per unit. For more contents the MDU can be fitted under a larger bin block with an external construction.

## Unique Benefits

The unique advantages of the MDU compared to ordinary dosing systems is its flexibility and wide applicability. Besides a high dosing and weighing accuracy the MDU system has the possibility to use 4 super scales simultaneously which reduces the overall cycle time by considerably. The MDU can be used for a wide range of applications such as feed, food, cereals, seeds, pet food, aqua feed, premix and concentrates.

## Specifications

The MDU consists of the following components:

- » 8 x stainless steel bins variable in size
- » 6 x agitators (optional)
- » 8 x dosing screw feeders (variable execution)
- » 8 x pneumatic shut-off valve
- » 1-4 small super scales max. dosing volume 15 dm<sup>3</sup>
- » 1-2 large super scales max. dosing volume 20 dm<sup>3</sup>
- » 1 x main weigher, range 50-380 kg (load cells variable)

The smallest recommended dosing volume 2 % of the scale capacity.

## Types

- » MDU 8.0 no super weigher
- » MDU 8.2 incl. 2 small super weighers
- » MDU 8.3 incl. 4 small super weighers
- » MDU 8.4 incl. 2 large super weighers

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