

Press Information

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New online program for automatic selection of the optimum bulk ingredient metering feeder: the Brabender FeederScout

A sophisticated program for automatic selection of the optimum gravimetric or volumetric bulk ingredient metering feeder for a specific purpose has now been published on the world wide web by Brabender Technologie KG, one of the leading global feeder suppliers. After the user has entered the relevant basic data of his application in the program, the "FeederScout" determines the optimum metering feeder best suited to the particular requirement in due consideration of both technical appropriateness and cost-efficiency. Upon request the "FeederScout" also submits a quotation along with its feeder proposal.

The "FeederScout" has been made possible by months of work spent by an expert team of process engineers, technicians and computer programmers from Brabender, all of them having been in the bulk ingredient feeding business for decades. Profound specialist knowledge and an extensive database keeping a record of almost 15,000 feeding trials with thousands of bulk ingredients formed the basis of this unique program, which can give even the most experienced process engineers and plant designers more certainty about their choice of feeders.

Beside the bulk ingredient parameters entered (name, feed rate, bulk density, bulk ingredient class, etc.), the "FeederScout" takes into account a multitude of other parameters gained by a systematic evaluation of the feeding trials and stored in the program, such as ingredient-specific filling ratios of feed screws and trays, flow characteristics, special properties and particularities often not thought of when selecting a metering feeder. Further, if several different feeder types turn out appropriate, the "FeederScout" compares these with respect to optimum suitability of their feeding principles (screw, twin screw, vibrating tray, etc.) as well as to best effectivity of their respective agitation systems promoting ingredient flow (flexible hopper with paddle agitation, stirring agitator). Based on the results, the program suggests the most suitable solution.

The "FeederScout" can be accessed from the website of Brabender Technologie KG "<http://www.brabender-technologie.com>".

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(Picture by Brabender Technologie KG)

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