



# DMI/A - DMI/S

AUTOMATIC - SEMIAUTOMATIC  
DAMPENING UNIT



## Precise and constant automated cereal conditioning to improve the milling performance

### DMI/A

Very precise and linear dampening system, suitable for any type of plant. Compact design leads to easy installation.

The automatic dampening system DMI/A is recommended for grains with different moisture characteristics. It is equipped with electronic sensor which automatically measures the moisture of the grain to be damped and measures out the water based on the desired final moisture. The sensor utilizes the microwave technology with temperature compensation adapting to the different environmental conditions of operation.

### DMI/S

As regards the processing of batches of grain with almost homogeneous moisture value, the new model DMI/S is particularly recommended both technically and economically.

The moisture value is set manually according to laboratory analysis.

Any process failures are indicated on the local display and they start a general alarm signal on the panel. The user can override the measured values in case one or more sensors are not working properly in order to continue the process.



Water with filter regulating unit, pressure reducer, pressure gauge, solenoid valve, motorized valve for flow regulation, electronic flow rate measurer and valve for manual regulation.



Control panel, equipped with control unit PLC, which allows the full integration with the plant centralized automation system or the stand alone use with an advanced touch panel interface. Possibility of assistance through Ocrim Customer Service teleassistance.

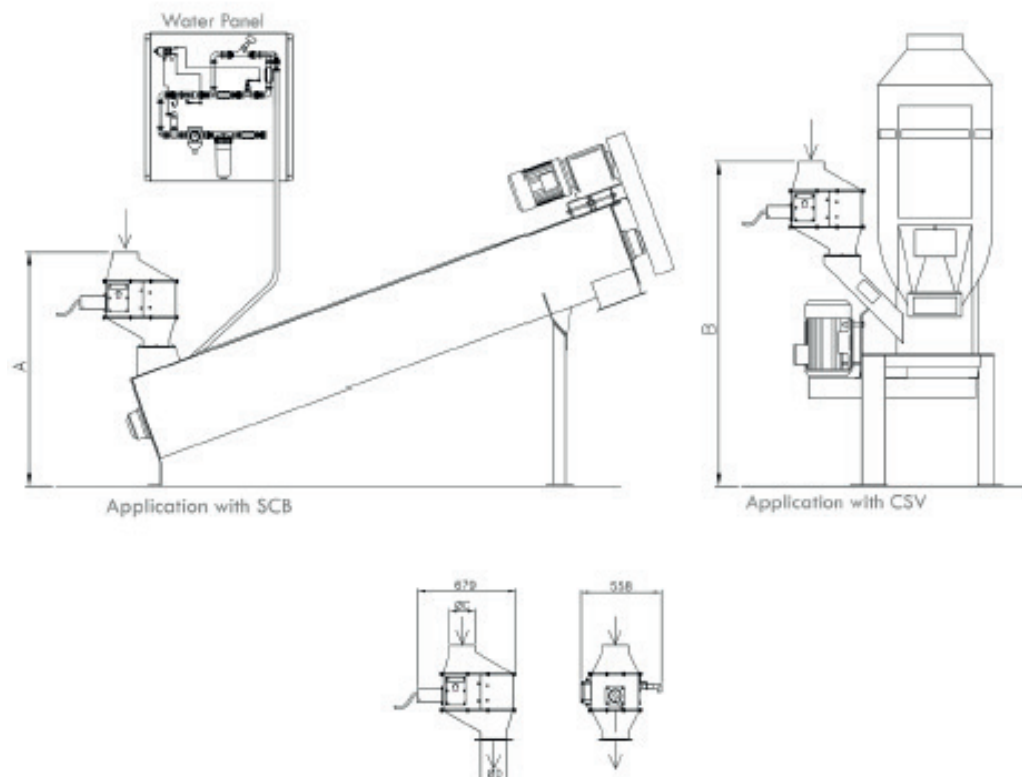


Grain moisture parameter measuring unit with microwave sensor immersed directly in the commodity flow for a more accurate measurement.

## Technical Information

| Model<br>DMI/A – DMI/S | Screw<br>Conveyor<br>Model<br>in which DMI<br>is set up | Dimensions [mm] |      |     |     | Maximum<br>Capacity [kg/h] | Net Weight<br>(DMI only)<br>[kg] | Flow rate of the<br>water panel [l/h] |
|------------------------|---|-----------------|------|-----|-----|----------------------------|----------------------------------|---------------------------------------|
|                        |   | A               | B    | ØC  | ØD  |                            |                                  |                                       |
| 040                    | SCB 350   | 1450            | -    | 180 | 180 | 18000                      | 35                               | 30 ÷ 3000                             |
|                        | SCB 500   | 1600            | -    |     |     | 35000                      |                                  |                                       |
|                        | SCB 600   | 1800            | -    |     |     | 40000                      |                                  |                                       |
|                        | SCV 25C   | -               | 1705 |     |     | 7000                       |                                  |                                       |
|                        | SCV 35C   | -               | 1855 |     |     | 18000                      |                                  |                                       |
|                        | SCV 50C   | -               | 2226 |     |     | 28000                      |                                  |                                       |

Technical features of the equipment can be modified without any obligation of notice. Data may be not fully in accordance with the market versions.



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# OCRIM



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