



DAMEN PRODUCTION CALCULATION UNIT

GENERAL

In order to show the material production (instead of a mixture production), thus sand, mud or silt, as it occurs in situ (sea/river/pit bottom, reclamation area, etc.), a **Production Calculation Unit (PCU)** has been developed.

MIXTURE production (material with the transport water) is normally given by **counters** using the flow and density signals directly connected to these counters, without any calculation or correction.

MATERIAL production instead of the mentioned mixture production can be calculated, when the (average) specific gravity (s.g.) of the material is known and entered via the touch screen in the system.

In situations, where the s.g. in situ is indistinct, the **TDS (Tons Dry Material)** are calculated and displayed. In this case the theoretical s.g. of 2.65 t/m³ for SiO₂ is applied.

The production is displayed on the screen, by 2 counters: a day or shift counter, which can be reset and a total counter. The production can be given in tons or m³.

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DAMEN

DAMEN DREDGING EQUIPMENT

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