## LEONHARDT DOSING EQUIPMENT FOR THE FOOD INDUSTRY

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## SERIES SD

Applications: Sensitive and non-pumpable products (low moisture contend).

Cooked rice, asia noodles, vegetable - and pasta salads, seafood

mixtures and many ready meal components.

Temperatur range 2 - 90°C

Combinations: Traysealers (single and multiple lanes), thermoformers, pouch

packaging machines and flowwrappers, cartoning machines and

conveyorlines for jars, cans, buckets and cups.

Dosing ranges: Total range: **110 - 2.000 ccm** per cycle and dosing position.

- other diameters available -

Dosing capacity: max. 30 - 60 cycles / min / position, depending on product and dosing

volume.

Dosing positions: 1-2

2

Dosing principle: Volumetric + vacuum system

Volume adjustment: hand wheel or servodriven (TouchScreen)

Product feed: by feeding spiral(s), speed adjustable

Controls: PLC S7 with operator panel (TouchScreen).

interface with packaging lines, line controls, Synchronisation:

interface with checkweighers, tendency controls.

Easy manual "one-tool" operation. Dismounting:

Options: **Vacuum system**, high level food hygiene; incl. liquid separator

**Sauce recirculation system**, to reduce product loss caused by

the vacuum system (coated products).

**Vertical moving mask system** for improved filling / spreading /

positioning of the product in the packs.

Bridge breaker, for equal product spreading in the hopper

Rice declumping system, to loosen small rice clumps

**Vibrator**, for improved flowing and loosening of sticky products

**Mobile hopper**, for quick product changes and cleaning

**Level sensor** in the hopper.

**Heated hopper**, double jacket hopper with heating element 2 kW

Motor driven height adjustment, for adapting the machine to

different conveyor heights

**Distibution system,** to distribute the dosed product in multiple rows

**Parts and tool cart,** for cleaning and storage of the dismantled parts.

**Transport systems** for trays, jars, cans etc.