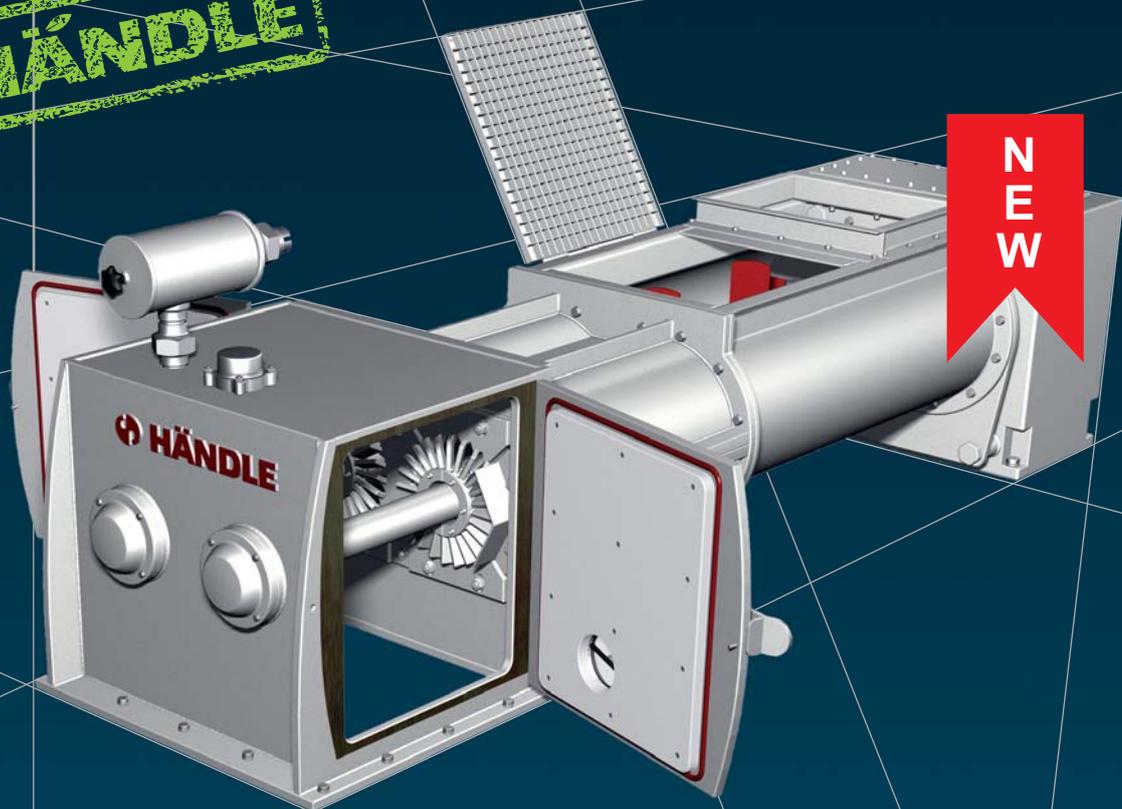


The right combination of de-airing mixer and extruder for each type of product – de-airing double-shaft mixers by HÄNDLE are thoroughly modular and variably sized.

## De-airing double-shaft mixers

*MDVG*



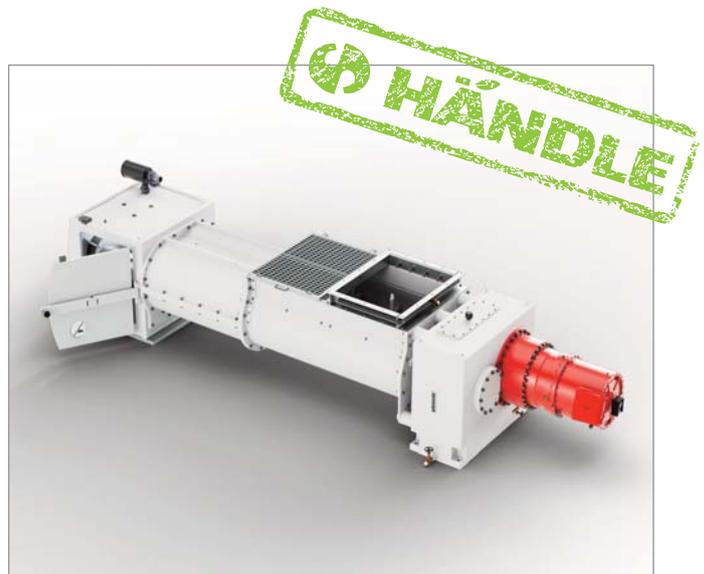
# The HÄNDLE de-airing double-shaft mixer series

For mixing, homogenizing, shredding and de-airing bodies. Some 2/3rds of the homogenizing effect in a de-airing double-shaft mixer takes place in the closed compression section. A buildup of high pressures in the pressure zone is vital for excellent de-airing, and infinitely adjustable mixing paddles are indispensable for perfect mixing. The more thoroughly homogenized the body, the better and more economical the extru-

sion. A large de-airing chamber facilitates maintenance and improves vacuum conditions. Putting this scientific insight into practice, HÄNDLE lengthened the pressure zone of the de-airing double-shaft mixers and increased the volume of their de-airing chambers. Type-MDVG de-airing double-shaft mixers come in five different sizes with volumetric throughputs ranging from 21 to 75 m<sup>3</sup>/h compact (37 to 132 t/h wet).

## Defining characteristics

- Optimal mixing by adjustable mixing knives
- Maximum delivery rate thanks to optimized filling of the de-airing chamber
- Superior vacuum conditions thanks to the large-volume de-airing chamber
- Economical extrusion thanks to best-possible homogenization of the body in the de-airing mixer
- High durability thanks to robust design and minimized wear
- Easy maintenance
- New energy-saving drive system can be realised for: new machines, replacement gearboxes and as a retrofit



Our new highly efficient de-airing double-shaft mixer: application-optimized wear parts and new drive technology enable minimum energy consumption.

## Technical data

TYPE	Barrel diameter	Trough width	Trough length	Volumetric throughput <sup>1</sup>	Throughput capacity <sup>1</sup>	Power requirement
	mm	mm	mm	m <sup>3</sup> /h compact	t/h wet	kW
<b>MDVG 715E</b>	400	700	1500 + 500	3 - 21	5 - 37	22 - 45
<b>MDVG 920F</b>	500	900	1150 + 850	12 - 35	21 - 62	45 - 120
<b>MDVG 1025F</b>	570	1000	2150 + 1050	20 - 57	35 - 100	90 - 240
<b>MDVG 1220C</b>	650	1200	2000 + 1400	33 - 75	58 - 132	120 - 260

<sup>1</sup> Volumetric throughput and throughput capacity dependent on extrusion compound, speed and cross-section of the column

Subject to technical modification due to ongoing development.

