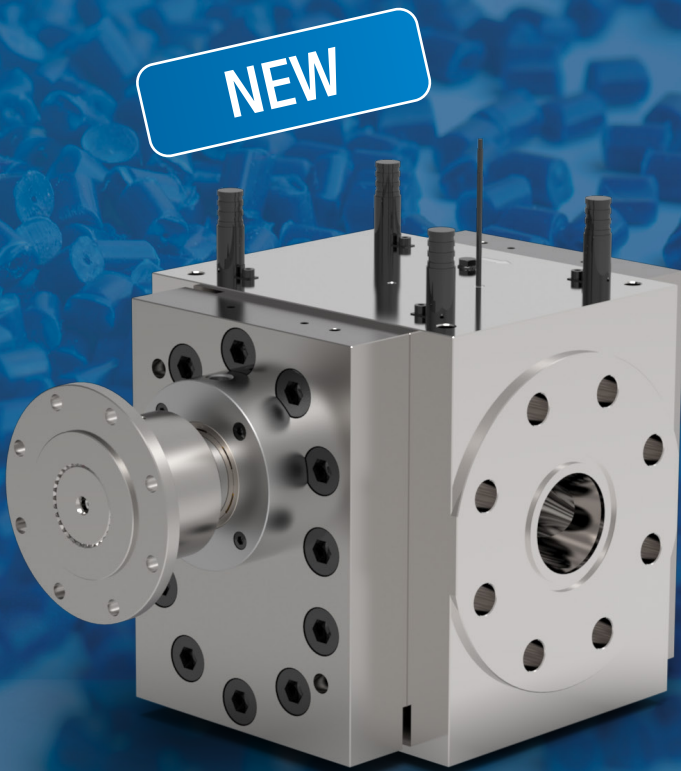


MADE IN GERMANY **ExtruCore[®] AT**
New design for extrusion pumps

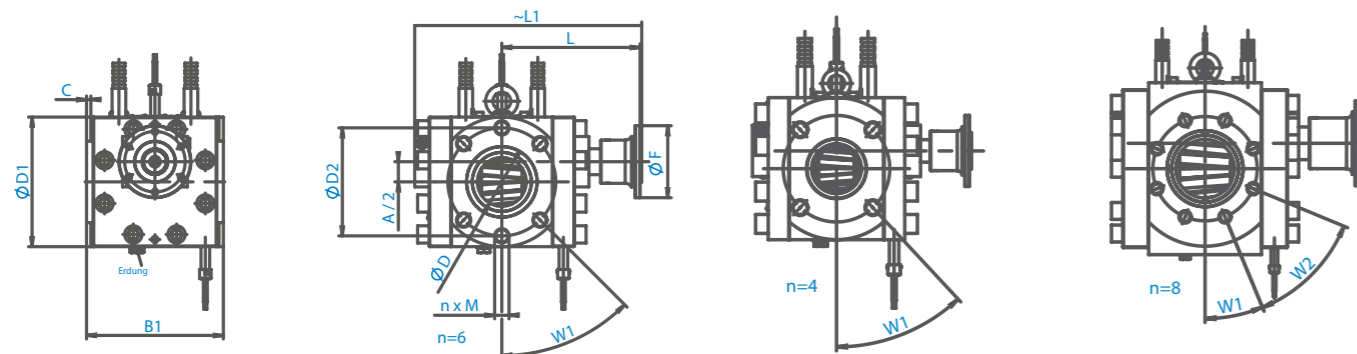


The new AT design

More efficiency with the new melt pump

The latest version of WITTE melt pumps closes the last gap in the product portfolio of polymer pumps in the latest design and most advanced, technological equipment. This provides the user with state-of-the-art pump technology Made in Germany for the entire process chain of polymer production and processing.

The further development of the pumps offers customers additional benefits such as lower heat input and reduced polymer shear. The adapted housing geometry and optimized gear shafts ensure that a throughput increase of up to 40 % can be achieved. These values refer to an EXTRU pump in the classic design compared to an Extrucore® AT pump with identical center distance.



Extrucore® AT dimensions

PUMP SIZE	A/B	A/2	B1	C	ØD	ØD1	ØD2	M	n	W1	W2	L	L1	ØF	WEIGHT
Extrucore® AT 98-50-63	50-63	25	190	6	40	180	130	1124	4	45	--	213.5	352	100	56 kg
Extrucore® AT 198-63-80	63-80	31.5	200	3.5	50	190	146	1124	4	45	--	252.5	412	120	84 kg
Extrucore® AT 390-80-100	80-100	40	230	3.5	56	255	185	1120	8	22.5	--	301	492	150	150 kg
Extrucore® AT 770-100-125	100-125	50	310	5	65	255	200	1127	8	22.5	--	368	609	180	310 kg
Extrucore® AT 1555-125-160	125-160	62.5	425	7.5	100	335	265	1133	8	22.5	--	438	733	225	580 kg
Extrucore® AT 3100-160-200	160-200	80	500	7.5	125	380	310	1133	12	15	--	523	890	285	1095 kg

Technical designs

HOUSING

Heat-resistant carbon steel · stainless steel · optionally available with coating

GEARS

Tool steel · nitrided steel · special steel · optionally available with coating · helical gearing · herringbone gearing (for very low pulsation during pumping)

FRICTION BEARINGS

Tool steel · NiAg (nickel silver) · alum. bronze · optionally available with coating

SEALS

Viscoseal optionally with cooling · stuffing box optionally with cooling

HEATING

Electric · optionally available with cover heating

Operating parameters

VISCOSITY

Up to 40,000 Pas

TEMPERATURE

Up to 400 °C

SUCTION PRESSURE

Up to 120 bar

DIFFERENTIAL PRESSURE

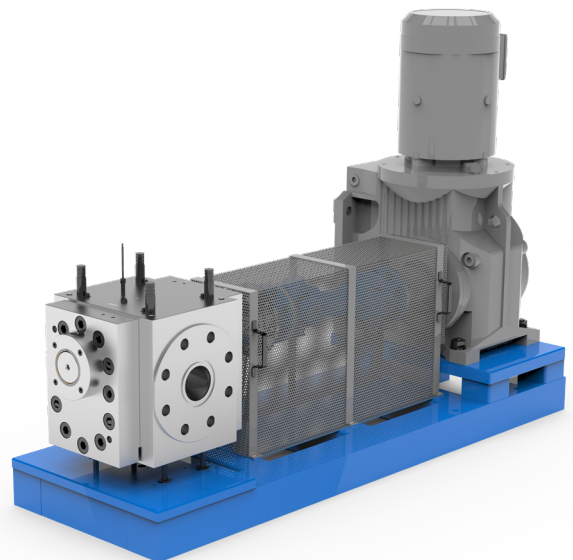
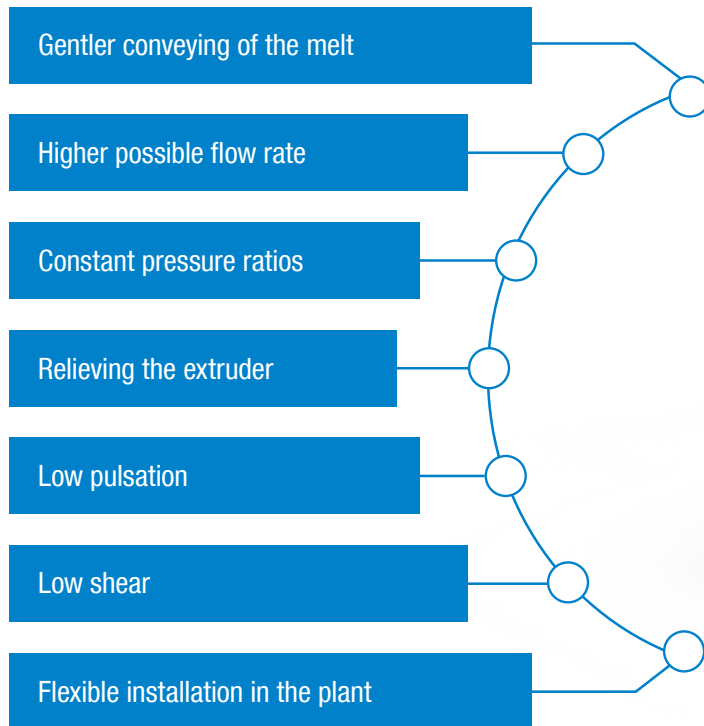
Up to 250 bar · custom designs for higher differential pressures also available

The values listed are maximum values and must not coincide under certain circumstances.

PUMP SIZES

From 98 up to 3100 ccm/rev
more pump sizes coming soon

Optimized melt pumps for better product qualities



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