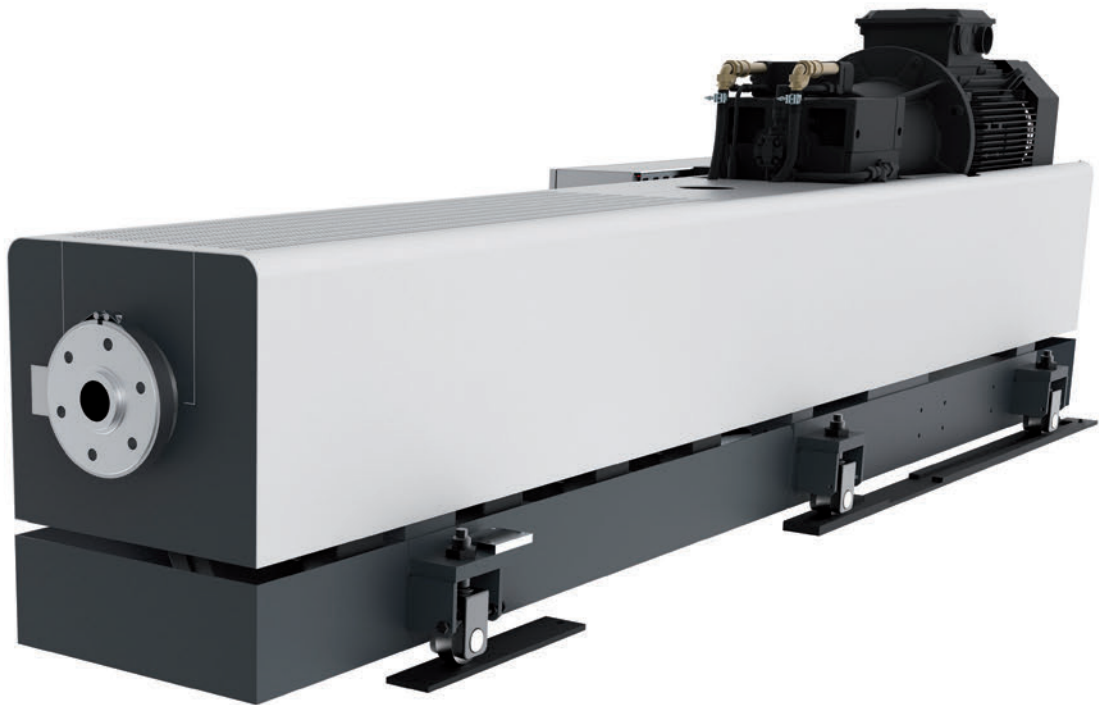




Reifenhäuser

EXTRUSION SYSTEMS

The Extrusioners

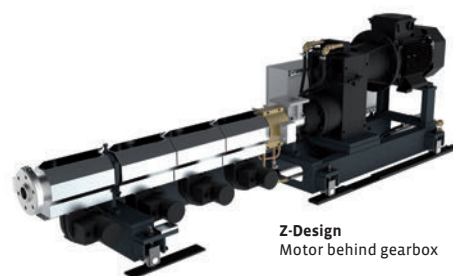


Extruder

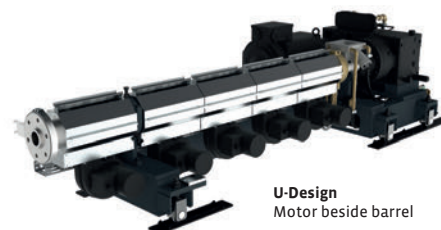
Reifenhäuser single-screw extruders meet your product requirements – they are customized and efficient. But they are also highly flexible as they cover a broad range of applications and raw materials. At the same time, they are always custom-designed to meet special product requirements. And our modular extruder design makes customization extremely cost-efficient.

Extruder Portfolio

Extruder (Ø)	[mm]	25 – 250
Processing length	[L/D]	25 – 36
Screw type		3-zones, vacuum or barrier
Extruder design		Z-Type or U-Type
Drive power	[kW]	5 – 600
Plasticizing capacity	[kg/h]	max. 1,250



Z-Design
Motor behind gearbox



U-Design
Motor beside barrel

You can configure your extruder to your requirements using our three equipment variants.

Extruder setup

Assembly Group	Smart	Advanced	Premium
Barrel [Wear Protection]	High-alloyed hard phasing alloy on iron base	High-alloyed hard phasing alloy on iron base with vanadium carbides	Two-phase hard alloy on nickel bases with tungsten carbides
Screw [Wear Protection]	Screw with high surface hardness	Armored screw flight with high wear protection against abrasion	Maximum wear protection against abrasion, corrosion and adhesion by full-flight armoring
Base Frame	Stationary design	Movable design	Customized design
Drive	IEC norm drive	Asynchronous drive with air cooling	Asynchronous drive with water cooling
Gear Box	Basic version according to catalogue	Reifenhäuser design for longer life-time	Reifenhäuser design for longer life-time and with screw removal backwards
Barrel Design	Closed	With vacuum venting opening and closure plug	With vacuum venting opening and vacuum dome
Connection Flange	Standard hole pattern	Customized hole pattern	Wedge closing device
Feed Opening	Standard	With cooling and material outlet	With cooling, material outlet and gas injection nozzle
Water Installation	Direct connection	With centralized water distribution	With centralized water distribution and chiller
Heating Units	With convection flaps	With convection flaps and heat isolation	With convection flaps, heat isolation and protection against contact
Cover Hood	-	Barrel hood	Full cover
Suction Hood	-	Standard	Integrated in cover hood
Electrification	Direct connection	Terminal box	Electrical cabinet with control unit