

The most important properties of all e p r o t e c melt-X melt pumps:

Adapted zone power cartridges (40%/20%/40%)
 -> less heating power near the melt canals
 -> no degradation of the melt flows

Teeth with full nitration depth
 (developed for no grinding after nitration)

Squeeze and lubrication bearing groove matched to teeth design, developed for higher bearing loads, self-cleaning and less friction

can be supplied as an unit with a screenchanger (no additional adapters) -> more economical

different ways to control the system are possible: from a simple control unit to the Siemens S7-300 everything is possible

Pressure sensor threads are already integrated in the housing of the gear pump (no additional adapter with sensor holes necessary) -> more economical. The pressure sensors are located in the flat part of the inlet and discharge canals (optimized for flow so that there are no dead corners where the melt stagnates)

small volume in the inlet and discharge canals (short residual time of the melt)

flow canals optimized for the melt flow

connecting adapters can be delivered as well

