



Navigation



Extrusion 1-0-Wiki Pages

- [Main Page](#)
- [Best Papers](#)
- [Book Reviews](#)
- [Consultants Corner](#)
- [Extruder Software](#)
- [Extrusion Hints](#)
- [Safety](#)
- [Shop Tools](#)
- [Sponsors](#)
- [Technical Articles](#)

Search the Wiki

  »

Viewing/Creating

- [Random Page](#)
- [Create a new Page](#)
- [All Pages](#)
- [Categories](#)

Account Management

- [Login/Logout](#)
- [Language Selection](#)
- [Your Profile](#)
- [Create Account](#)

Administration

- [Administration](#)
- [File Management](#)

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Cooling Water

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(10) » [Screw Installation 1](#) » [Die Lip Buildup](#) » **Cooling Water**



Cooling water
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Most extruders use water to cool the feed section, gearbox, and barrel, as well as downstream devices. These items are all normally fed from a common water supply system. This can result in poor cooling in some areas of the equipment, if the pressure drop is not balanced across each cooling device.

Each separate cooling device should have an adjustable "balancing value" so that the devices with a low resistance to flow do not "hog" the cooling water, allowing the coolant to short circuit through a single device.

See also:

- [Barrel zone override](#)
- [Cooling water flow](#)
- [Extruder cooling](#)
- [Temperature control](#)
- [Water cooling](#)
- [Water piping](#)
- [Water valve off](#)

Return to [Extrusion Hints](#)

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