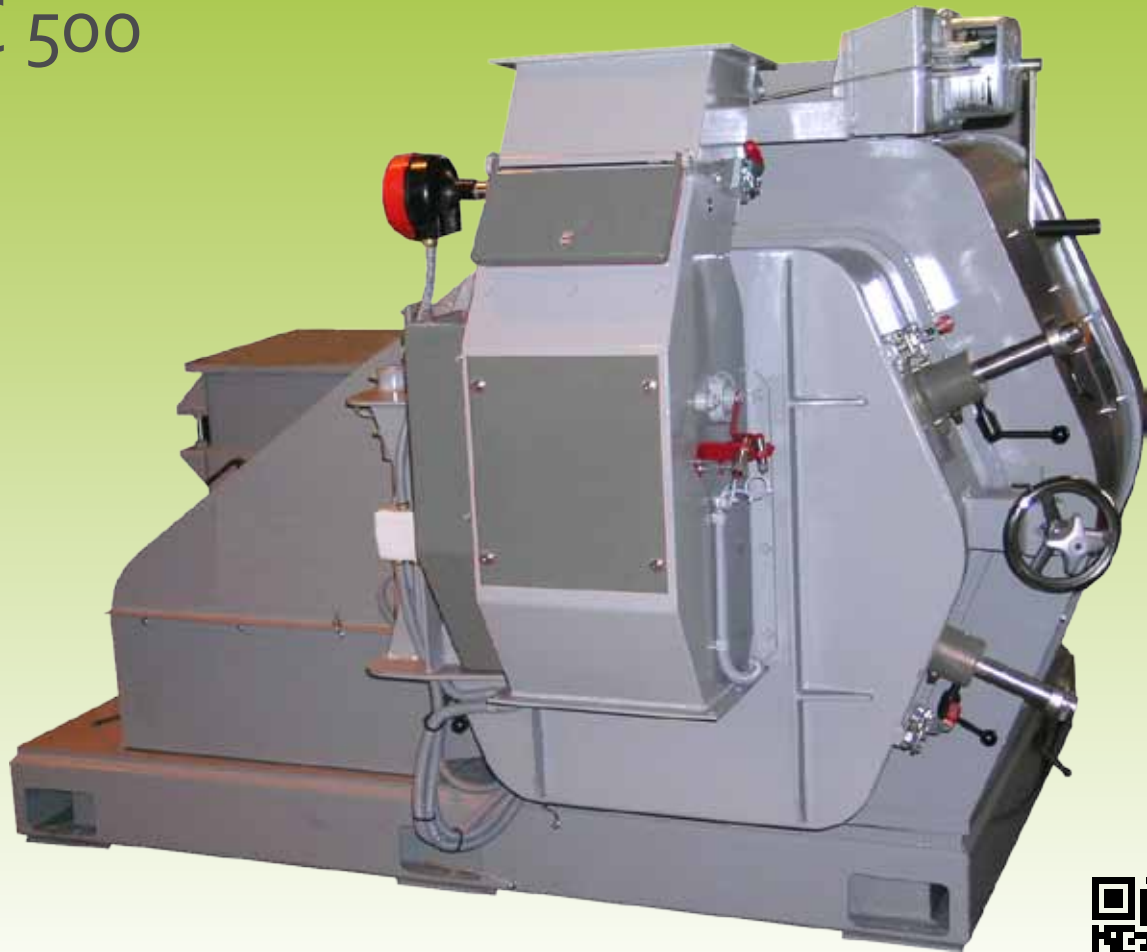


Pellet mill

RC 500



Specifically designed for the production of pellets with «heavy» density (minerals, shrimp feed).

This robust and long-lasting machine has a limited maintenance thanks to its slow speed (4.2 m/s) and 3 rollers.

The main raw materials that can be used are : wheat, broken rice, wheat bran or rice bran, soya flour, lime, fish meals and scale meals, minerals, fish oils, premix, etc... Oils and molasses can also be used.



Pellet mill RC 500

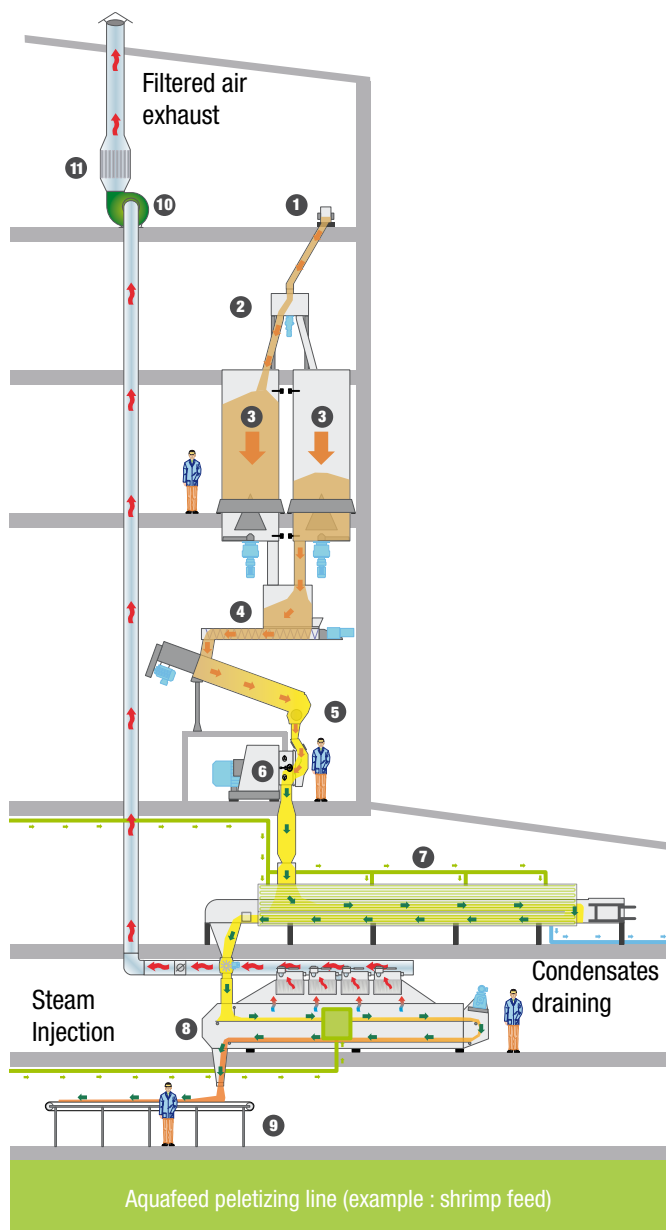
Options and safety devices

Options

- Product chute with by-pass flap
- Valve box under outlet

Safety devices

- Micro contacts on opening
- Shearing pin
- Static magnet
- Belt slipping control on transmission belts
- Clogging detection



Operating principle

The RC 500 pellet mill is not a standard machine for every use, but it is designed for production of feed with small diameter holes dies for aquaculture specific formulas (with super fine grinding on STOLZ RMPF line and turbo sifter, without specific microniser).

The feeding of the RC 500 pellet mill with a CPIS super conditioner meets the current conditioning requirements.

Downstream the RC 500, STOLZ has designed a post-conditioner, a specific machine, which improves the quality of the final products before final drying and cooling.

Key

- ① Chain conveyor
- ② Rotary feeder
- ③ Hopper
- ④ Conveying screw
- ⑤ Thermal conditioner
- ⑥ RC 500 pellet mill
- ⑦ Post-conditioner (heated by steam)
- ⑧ Horizontal dryer-cooler
- ⑨ Reclaiming handling
- ⑩ Suction fan
- ⑪ Silencer

Range	Die Ø	Die width / useful width	Motor power	Motor speed	Die speed	Linear speed	Working area	Approx. capacity
	mm	mm	kW	rpm	rpm	m/s	dm ²	t/h
RC 500 DT*	500	206/113	132/160	1500/1000	158/254	4,2/6,9	17,7	3 to 8

*DT = Dual Transmission

