

froling



Firewood and pellet boiler\_



SP Dual



# Heating with firewood and pellets



Froling is a family business specialising in the efficient use of wood as an energy source for more than five decades. Today the name Froling represents state-of-the-art biomass heating technology. Our firewood, wood chip and pellet boilers are in successful use right across Europe. All of our products are manufactured in company-owned factories in Austria and Germany. Our extensive service network guarantees full coverage and reliability.

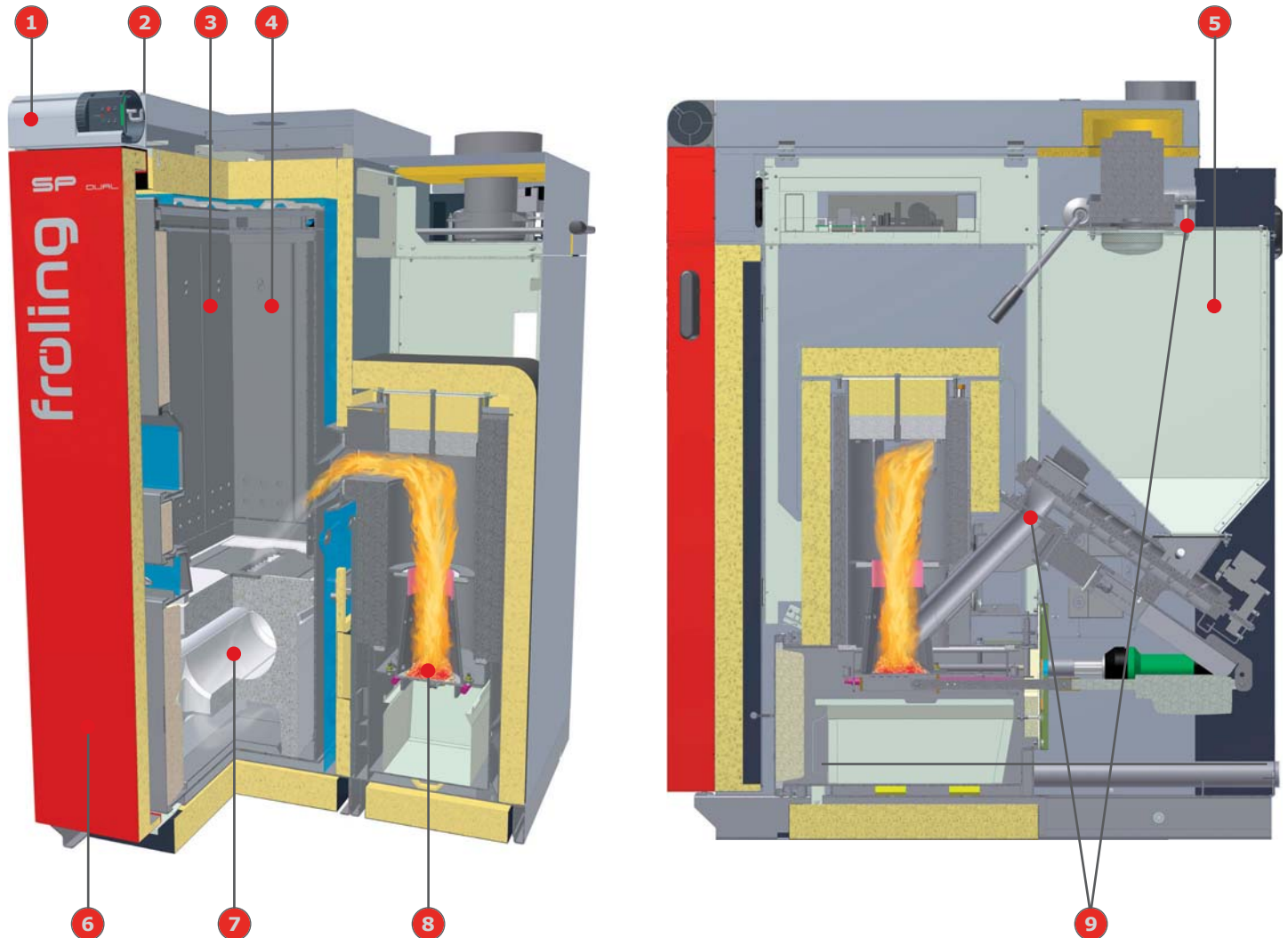
## Two systems perfectly combined - firewood (1/2 m) and pellets

The SP Dual firewood and pellet boiler combines two perfect systems - it meets all the requirements for firewood and pellet fuels in two separate combustion chambers. Highly efficient and highly convenient - the SP Dual ensures low emissions and energy costs. The firewood can be automatically lit at any time using the pellet burner. Once the firewood has burned down, the system automatically switches to pellet operation. The large pellet container can be filled manually or automatically with Froling's tried and tested feed systems.

## Pellet unit can be added any time

If you only want to burn firewood at present, Froling offers a flexible solution for the future: the pellet unit can be added to the S4 Turbo with pellet flange at a later stage.

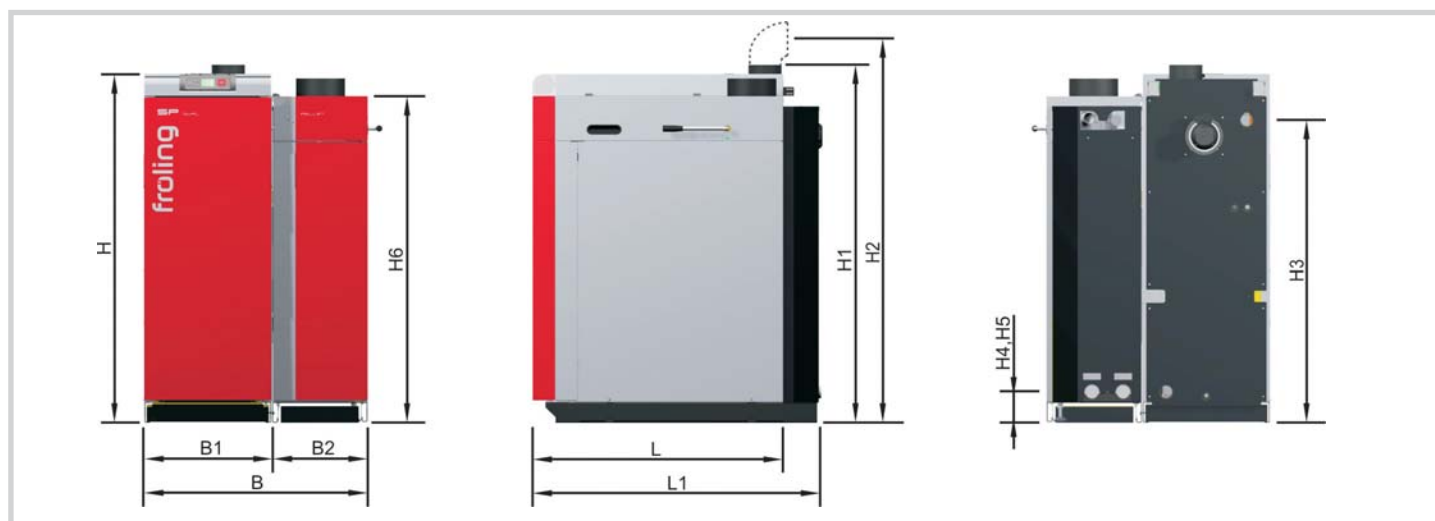




## The firewood and pellet boiler with special benefits:

- 1 Lambdatic control with innovative bus technology, heating circuit control, storage tank management and much more.
- 2 Speed-regulated induced draught fan with function monitor for maximum operational reliability.
- 3 Hot lining for efficient combustion without tar formation in the fuel loading chamber.
- 4 Large fuel loading chamber for logs up to 50 cm in length.
- 5 Spacious pellet container with stoker screw and safety slide valve.
- 6 High quality full insulation.
- 7 High quality silicon carbide combustion chamber with automatic control of primary and secondary air.
- 8 Fully automatic pellet burner with sliding grate for automatic ash removal in large convenient ash drawer.
- 9 Back-fire protection thanks to double slide valve system.

# Technical specifications



Dimensions - SP Dual		22	28
L	Length, firewood boiler [mm]	1125	1125
L1	Length, pellet unit [mm]	1285	1285
B	SP Dual width [mm]	1000	1000
B1	Width, firewood boiler [mm]	570	570
B2	Width, pellet unit [mm]	430	430
H	Height, boiler [mm]	1565	1565
H1	Total height incl. flue gas nozzle [mm]	1610	1610
H2	Height, flue pipe connection [mm]	1830	1830
H3	Height, outfeed - firewood boiler connection [mm]	1360	1360
H4	Height, return feed - firewood boiler connection [mm]	140	140
H5	Height, outfeed and return feed - pellet unit connection [mm]	140	140
H6	Height, pellet unit [mm]	1465	1465
	Flue gas pipe diameter [mm]	150	150

Technical specifications - SP Dual		22	28
	Rated heat output - firewood operation [kW]	22	28
	Heating efficiency range - firewood operation [kW]	11 - 22	14 - 28
	Rated heat output - pellet operation [kW]	22	25
	Heating efficiency range - pellet operation [kW]	6,6 - 22	7,5 - 25
	Weight - firewood boiler [kg]	640	640
	Weight - pellet unit [kg]	310	310
	Water capacity - firewood boiler [l]	115	115
	Water capacity - pellet unit [l]	42	42
	Fuel loading door dimensions - firewood boiler (width/height) [mm]	380 / 360	380 / 360
	Fuel loading chamber capacity - firewood boiler [l]	145	145
	Pellet container capacity (automatic feed) [l]	ca. 80	ca. 80
	Pellet container capacity (manual feed) [l]	ca. 100	ca. 100

## Availability on request.

Further technical details on request.  
Always at your disposal to advise you.



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