

# Säätötuli CANADA



## Säätötuli STRONG BIOMASS BURNER



Säätötuli STRONG biomass burners are robust burners with an integrated biomass-silo. They are able to process a wide range of different biomass based fuels.

Säätötuli STRONG biomass burners can be connected to a Säätötuli boiler or used to retrofit an existing boiler or furnace to convert it to biomass.



WOODCHIPS



PELLETS



NUTSHELLS

**30** 1985  
YEARS 2015  
OF BIOMASS  
EXPERTISE

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Säätotuli STRONG bioburner connected to a Säätotuli boiler

The Säätotuli STRONG biomass burner includes:

- biomass silo with a mixing mechanism
- feeding auger (length can be up to 5 m / 16ft)
- biomass burner
- control box
- backfire control



C110 control box

Säätotuli STRONG will output a powerful biomass flame that will go directly in the firebox. It can be connected to the firebox of a Säätotuli biomass boiler or an Ecopoly2S hot air generator, or any existing boiler or furnace with a firebox that meets the need for a biomass flame (most important factors are a great size and good depression).

You can ask us to check if your boiler or furnace can be outfitted with Säätotuli STRONG. Most equipments burning firewood have a firebox that will be a perfect fit for conversion to biomass with Säätotuli STRONG.

Säätotuli STRONG is able to burn a wide variety of biomass fuels like woodchips, pellets, nutshells, wood bricks, peat, agricultural residues...



Strong 920



Strong 420



Silo mixing mechanism



40kW burner



60kW burner



80kW burner

Model	Strong 420	Strong 920
Silo capacity	420 liter 110 gallons 14.8 ft <sup>3</sup>	920 liter 243 gallons 32.5 ft <sup>3</sup>
Feeding screw diameter	110mm 4.33 inch	110mm 4.33 inch
Burner output	40 kW 136,485 BTU/hr	40 kW 136,485 BTU/hr
3 different options	60 kW 204,728 BTU/hr  80kW 272,921 BTU/hr	60 kW 204,728 BTU/hr  80 kW 272,921 BTU/hr
Maximal fuel particle size	40 mm 1.6 inch	40 mm 1.6 inch