



# HEAT SOURCES

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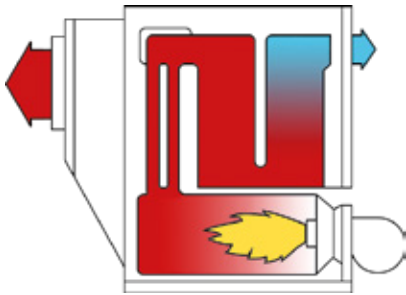


# HEAT EVENLY AND EFFICIENTLY

Arska heaters are known from their excellent efficiency and clean burning without soot residues. Fire chambers and heat exchangers made of stainless, fire-proof steel ensure long service life of the furnaces.

## OIL HEATERS

With top quality materials and clever designing we've made the heaters easy to maintain. Outer walls are made from galvanized steel, which withstands even harsh circumstances. Even though the heater's external dimensions are minor, they are sustainable and their oil consumption is low.



In a cylindrical furnace the flame burns freely in the middle and heats evenly. Furnance is made of high quality special steel, which temperature level of peeling is 1050°C.

### STANDARD EQUIPMENT

- ✓ Oilon 2-stage burner
- ✓ Drying temperature thermostat
- ✓ Overheat thermostat
- ✓ Heat exchanger + fan
- ✓ Flue piping (4m) with sooth hatch

### OPTIONS

- + Rain cover for oil burner
- + Tube brushes Ø57 / 30 x 120mm
- + Heater room  
(for overpressure heaters)



*Heater room for overpressure heaters as option*

## OVER PRESSURE HEATERS: 178 - 412kW

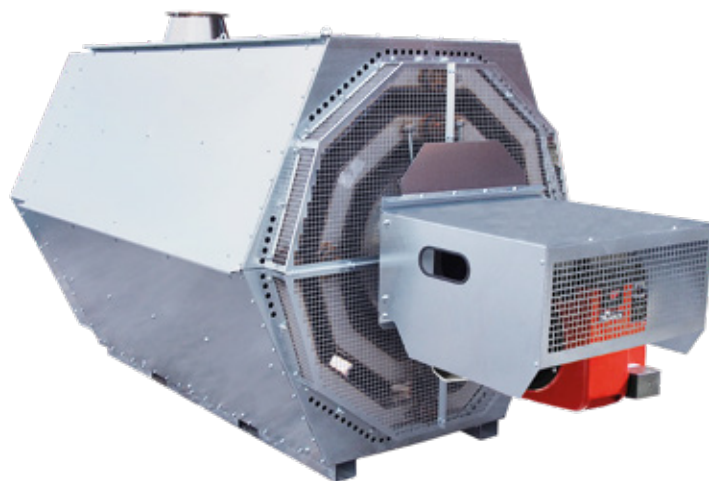
The efficiency of overpressure furnaces is one of the best on the market. Fan configuration can be changed (A and B).



OVERPRESSURE HEATERS	3000S	4000S	6000S	6500S
Air flow [m <sup>3</sup> / h]	10 900	15 300	18 600	24 300
Max. oil consumption [kg / h]	17,1	24,3	30	40,1
Max. heat power [kW]	178	254	310	412
Motor [kW]	4	5.5	7.5	11
Length with burner [cm]	184,0	200,0	200,0	255,0
Width with fan [cm]	167,0	183,5	199,0	208,0
Width [cm]	71,0	83,0	83,0	83,0
Height [cm]	139,0	164,0	164,0	182,0

## VACUUM HEATERS: 556 - 819kW

Vacuum heater provides sufficient heat power economically and efficiently for large dryers as well. Vacuum heaters are equipped with burner rain cover.



VACUUM HEATERS	5500S	7000S	8000S
Air flow [m <sup>3</sup> / h]	30 600	37 200	48 600
Max. oil consumption [kg / h]	55	70	80
Max. heat power [kW]	556	712	819
Motor [kW]	2 x 5.5	2 x 7.5	2 x 11
Length with burner [cm]	351	351	351
Width [cm]	145	145	145
Height [cm]	145	145	145

# BIO HEATERS

Environment friendly and highly economical Arska bio heaters can be equipped with biofuel systems from various manufacturers. With bio heater you can burn wood chips, peat, pellets or pre-cleaning waste.



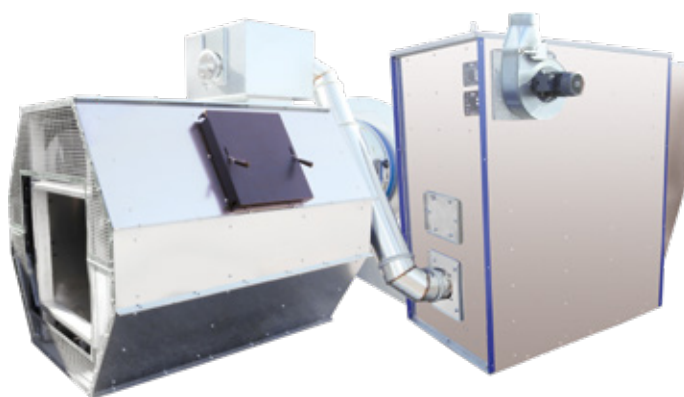
## ECOHEATER

EcoHeater is the first bio heater on the market based on the vacuum technology. The furnace is spacious and the structure of the heater doesn't require high heater room.

ECOHEATER	300	400	500
Air flow [m <sup>3</sup> / h]	18 600	24 300	30 600
Pellet [kg / h]	60	80	100
Max. heat power [kW]	400	500	600
Flue gas fan power [kW]	2,2	2,2	2,2
Length without burner [cm]	309	309	309
Width [cm]	185	185	185
Height [cm]	200	200	200

## PRE-HEATER

Pre-heater is an accessory for oil heater. Inlet air is soaked up through the pre-heater and flue gas is lead to heat exchanger of the oil heater. Returning to oil use is easy and fast. Pre-heater is suitable for all heater models, also for other brands!



PRE-HEATER	300	400	500
Air flow [m <sup>3</sup> / h]	18 600	24 300	30 600
Pellet [kg / h]	60	80	100
Max. heat power [kW]	254	412	494
Flue gas fan power [kW]	1,1	1,1	1,1 / 2,2
Length without burner [cm]	180	180	180
Width [cm]	160	160	160
Height [cm]	160 / 200	160 / 200	160 / 200



## GAS BURNERS


The efficient Arska gas burners can use natural gas, liquid gas or bio gas as fuel. The gas burns very purely so it can be burned directly in the drying air. No energy is lost so the efficiency of the heater is 100%. Exhaust is only water and carbon dioxide.


The maximum thermal power of the channel burners is up to 30 000 kW. The equipment is safe to use, because delivery includes a spark mesh. Gas burner fits to overpressure or vacuum dryers.





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