

## WOOD- BURNING STOVE FROM BRUNNER



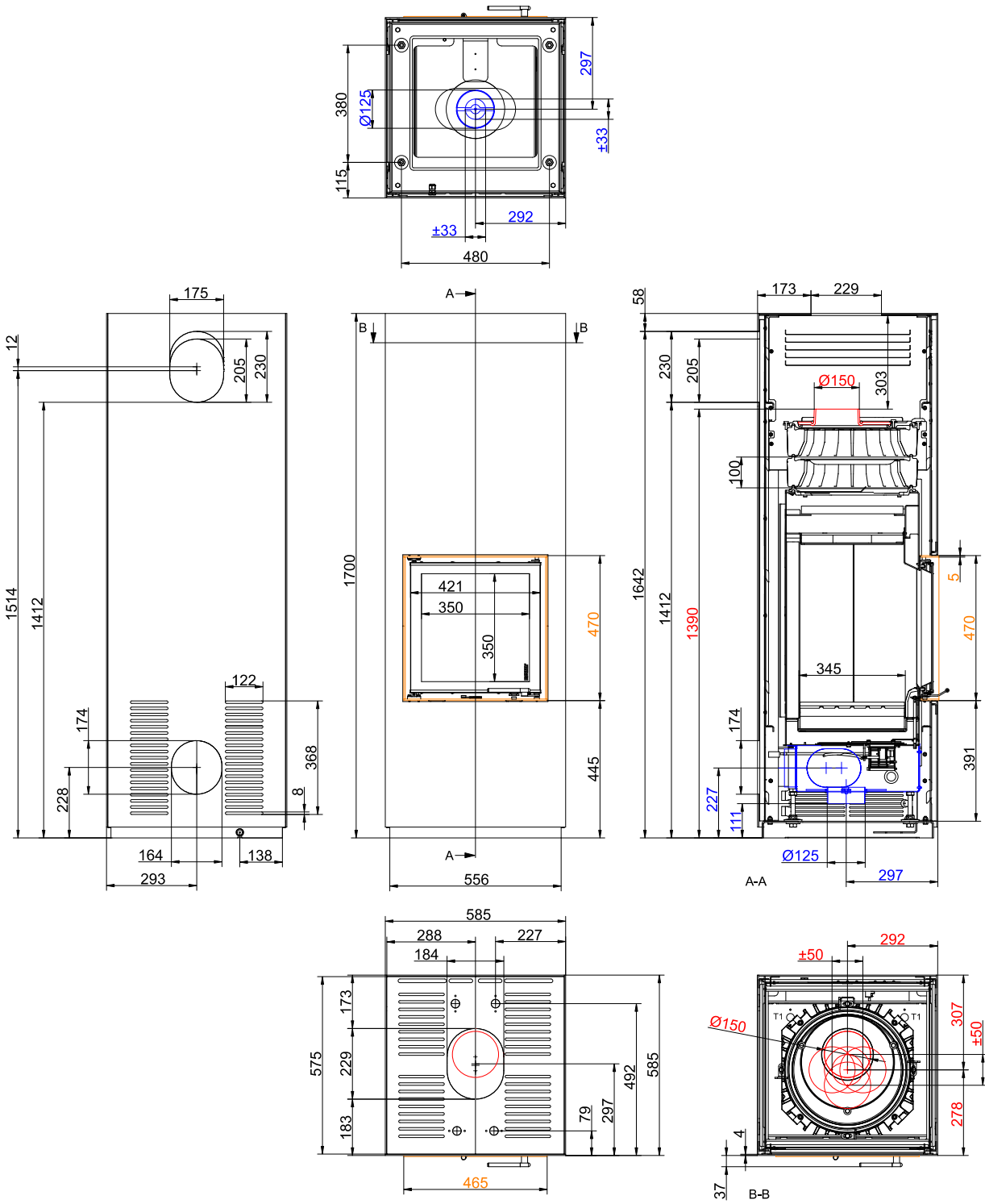
### BKO 42-42

State: 2025-06-03



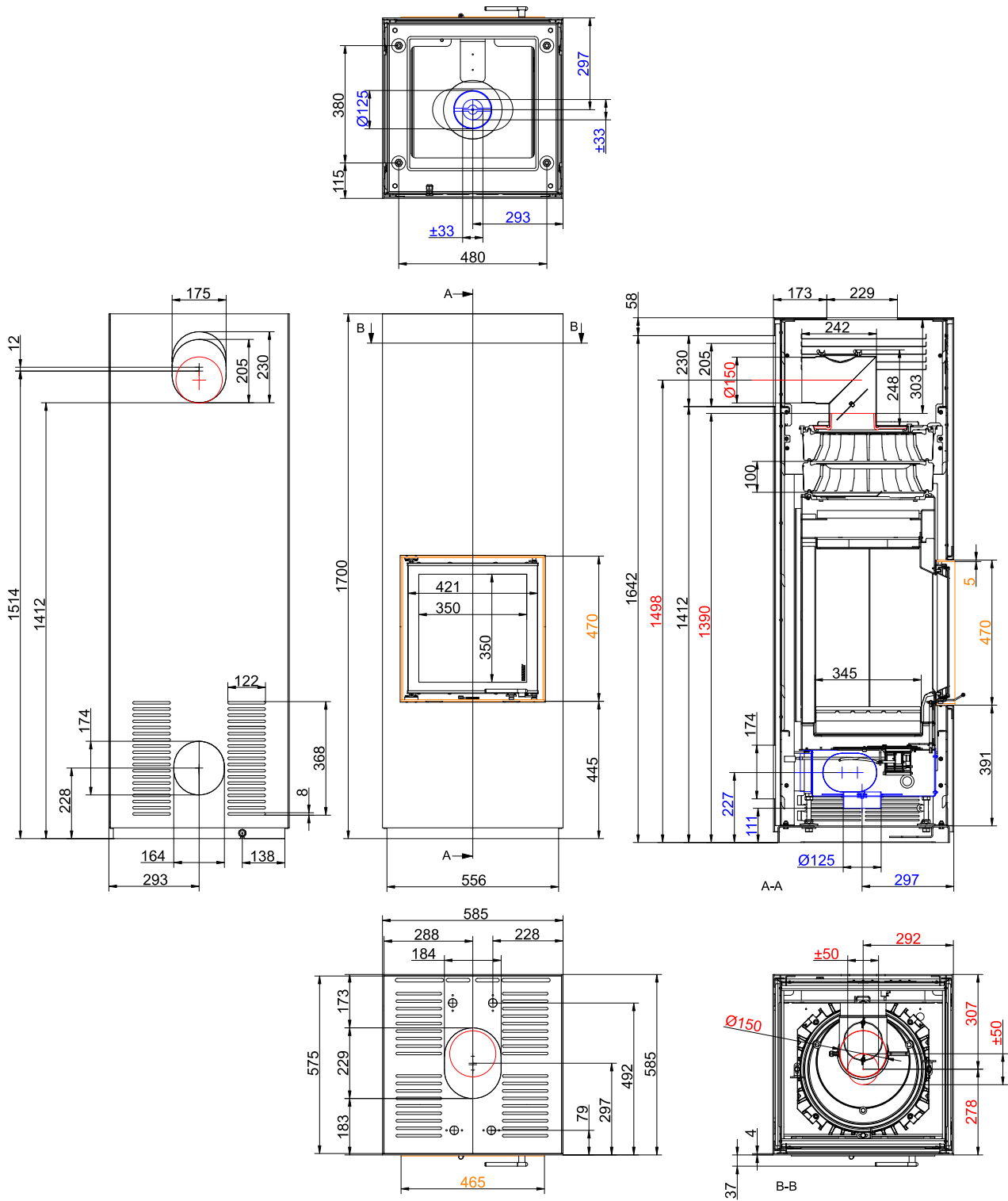
**BRUNNER**®

# Dimension sheets - BKO 42-42



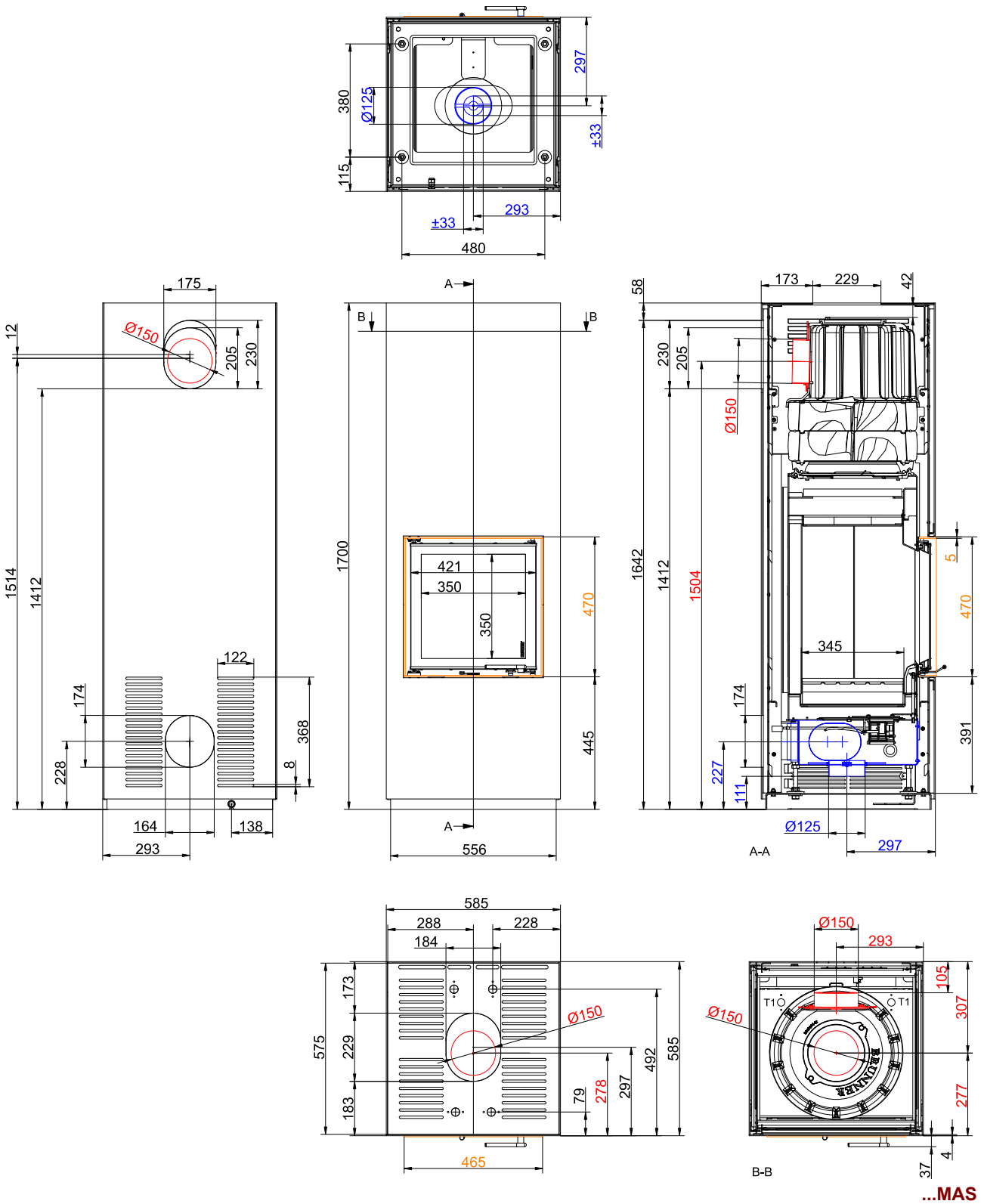
...Cast iron heat exchanger rings and vertical flue gas connection

# Dimension sheets - BKO 42-42



...Cast iron heat exchanger rings, elbow 90° and horizontal flue gas connection

# Dimension sheets - BKO 42-42



...MAS

We suggest for CAD planning Palette CAD. Permanent updated drawings: [www.brunner.de](http://www.brunner.de)  
 Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

# Planning and installation - BKO 42-42

Tested according to	EN 13240	
<b>Data for functional demonstration</b>		
Rated heat power	kW	7
Fire wood volume	kg/h	2.1
Flue gas mass flow	g/s	7.5
Flue gas temperature	°C	220
Necessary supply pressure <sup>1)</sup>	Pa	12
Combustion air consumption	m <sup>3</sup> /h	18
Combustion air connection Ø	mm	125
<b>Cladding components <sup>2)</sup></b>		
Foot print (W x D)	mm	585 x 585
Overall height	mm	1700
<b>Minimal distances</b>		
to mounting wall	cm	5
to combustible mounting wall	cm	5
to mounting floor	cm	0
from top of fireplace to ceiling (d <sub>c</sub> )	cm	60
<b>Cross-section of gratings</b>		
exhaust warm air	cm <sup>2</sup>	463
Recirculation air	cm <sup>2</sup>	420
<b>Minimum distances in the radiation area, glass ceramic / glass ceramic coated (GKB)</b>		
in the radiation area (d <sub>P</sub> )	cm	120 / 80
in the floor area (d <sub>F</sub> )	cm	40 / 27
in the side wall area (d <sub>L</sub> )	cm	60 / 40
<b>Weight</b>		
Insert	kg	158
Total weight	kg	423
<b>Meets requirement/limit values for:</b>		
EU / Germany	Ökodesign / 1. BImSchV (Stufe 2)	

1) Damper flap recommended

2) Characteristics of raw steel ("black steel"):

Untreated steel with an individual, irregular surface and visible signs of use (welding discoloration, manufacturing marks and unevenness).

Rolled at approx. 1200 degrees Celsius - this creates a natural scale layer with an individual patina - deliberately untreated for an authentic look.

Surface requirements: Class A1 in accordance with EN 10163-2:2004. Material or production-related irregularities ("imperfections") with a depth of up to 0.2 mm are unavoidable due to the production process and therefore not worthy of complaint. Any imperfections can only be classified as (material) defects if the limit value of 0.4 mm depth is exceeded and the affected zone of the respective cladding part is checked.

Only suitable for indoor use.