

# Automated Wastewood Combustion Set

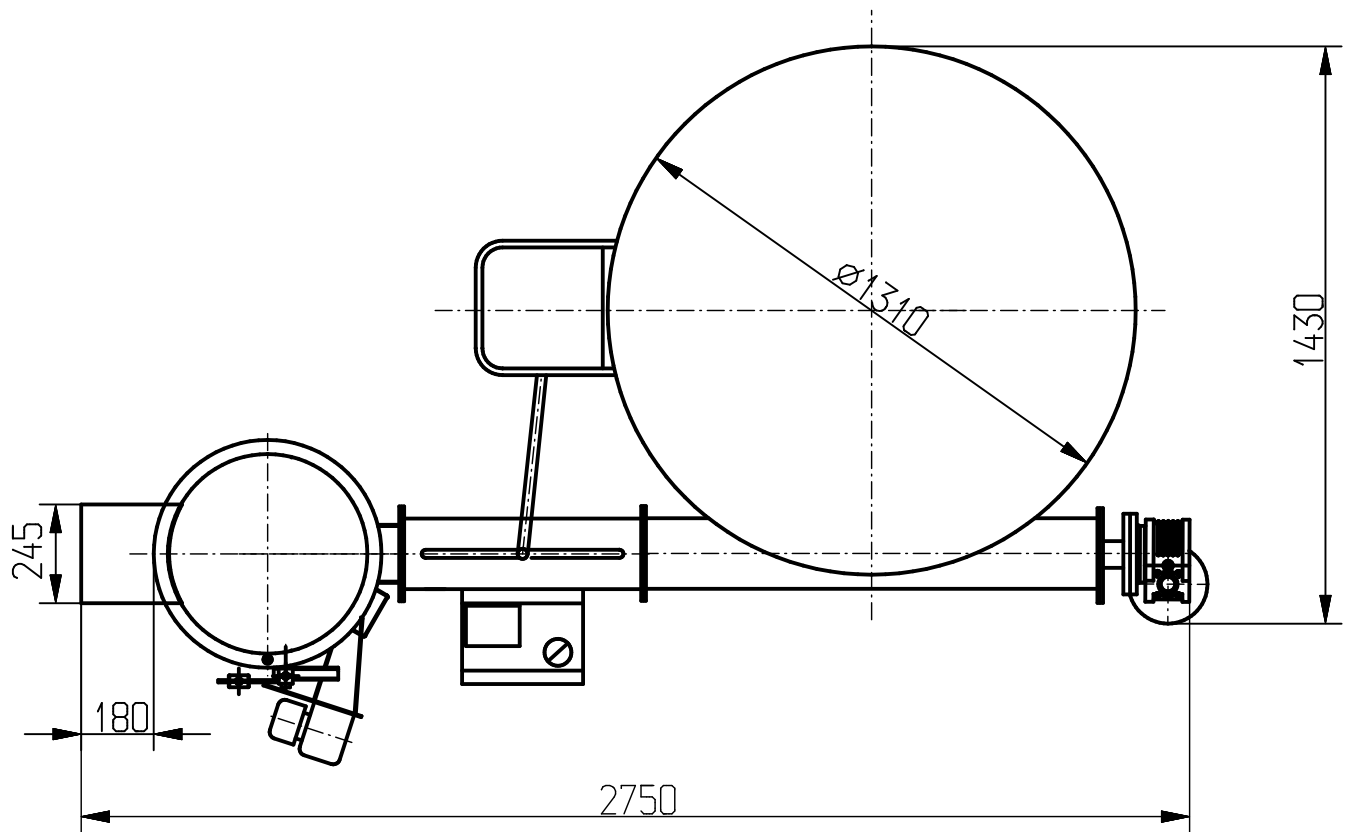
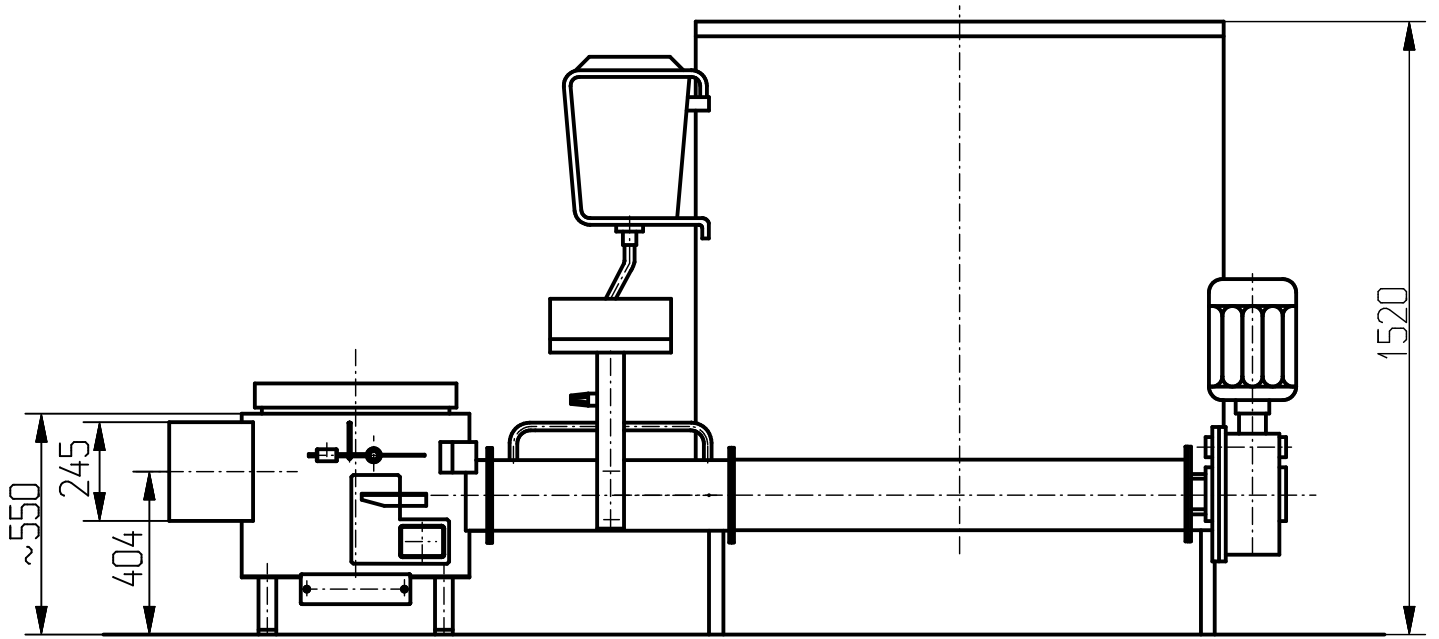
## AZSD

Type	AZSD					
	50	100	180	250	500	1000
Nominal thermal power kW kcal/h	50 43000	100 86000	180 154000	250 215000	500 430000	1000 860000
Coupled boiler	Water boiler of similar heating power					
Fuel	sawdust, bark, refuse of granulation up to 30 mm, humidity 30÷60%*, without mineral inclusions					
Fuel consumption (at nominal power) ** kg/h mp/day	22 2,1	43 4,12	max. 77,5 7,4	max. 108 10,3	max. 217 20,8	max. 430 41,2
Tank capacity m <sup>3</sup>	0,65/1,5	0,65/1,5	2,3	2,3	2,3	4,4
Fuel consumption kW	0,6	0,6	1,7	1,7	1,9	~4,2
Power supply voltage V	400/230					
Average heated habitable surface m <sup>2</sup>	320	640	1150	~ 1600	~ 3200	~ 6400
Efficiency ratio (with boiler) %	ok. 80					
Heating surface of coupled boiler (exchanger) m <sup>2</sup>	6÷8	10÷16	18÷28	32÷36	50÷56	100÷160
Outlet gas temperature °C	ca. 1000°C before exchanger ca. 200°C after exchanger					
Weight (kg)	400/610	520/730	1820	2520	3540	~ 7000

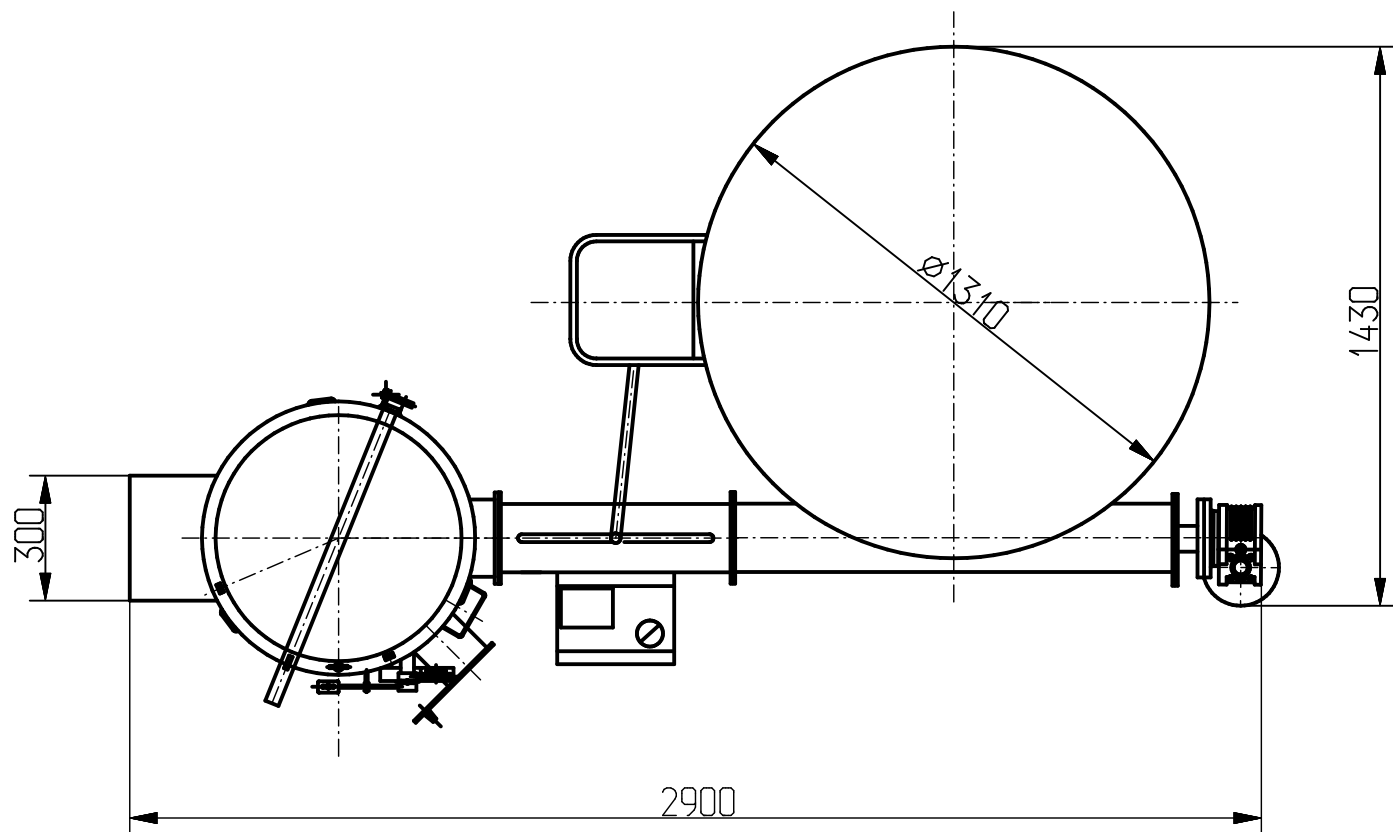
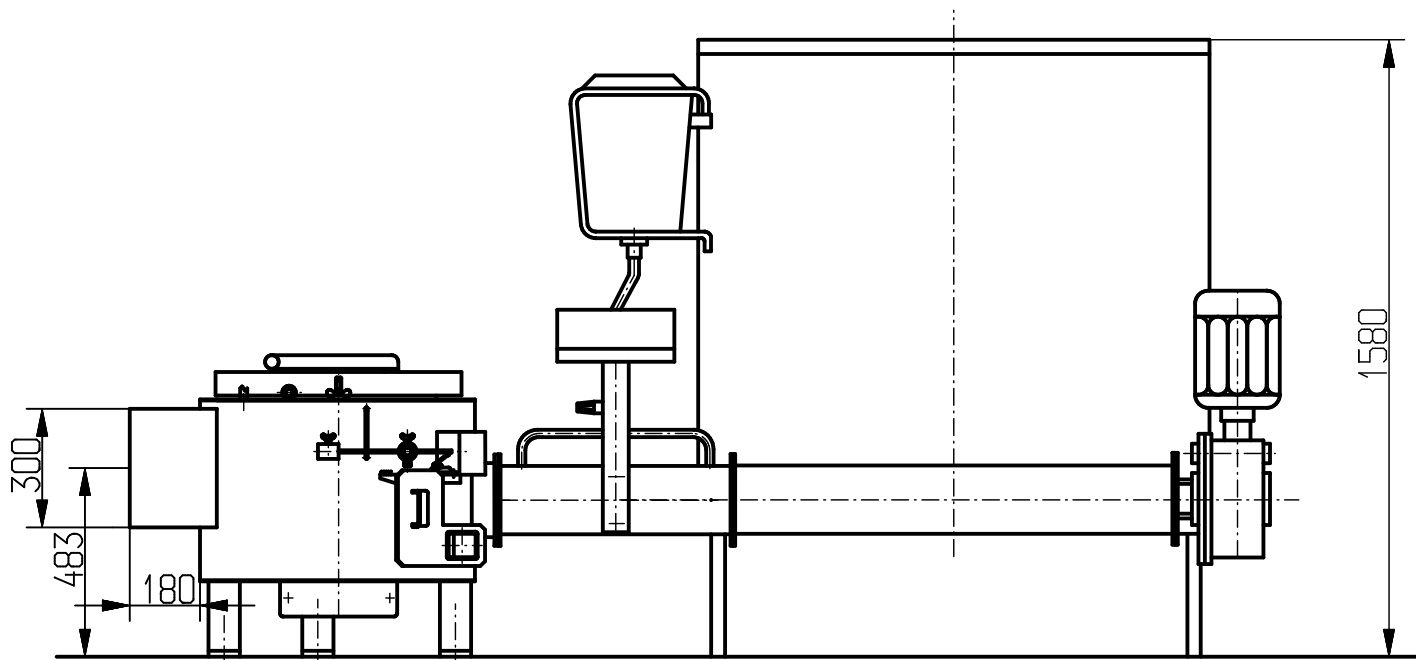
\* If the fuel is of other humidity (eg. too dry), sprinkle it with water or mix with humid one. Burning of excessive dry fuel causes quick wear of lining, grate and feeder. Furthermore, the Manufacturer does not agree for burning of comminuted wood if the dust content is greater than 5%. Non-observance of above-mentioned principles may cause quick wear of the device and emission of harmful combustion products for what the Manufacturer takes no responsibility.

\*\* fuel of 32% humidity and n.c.v. 11510 kg/kJ.

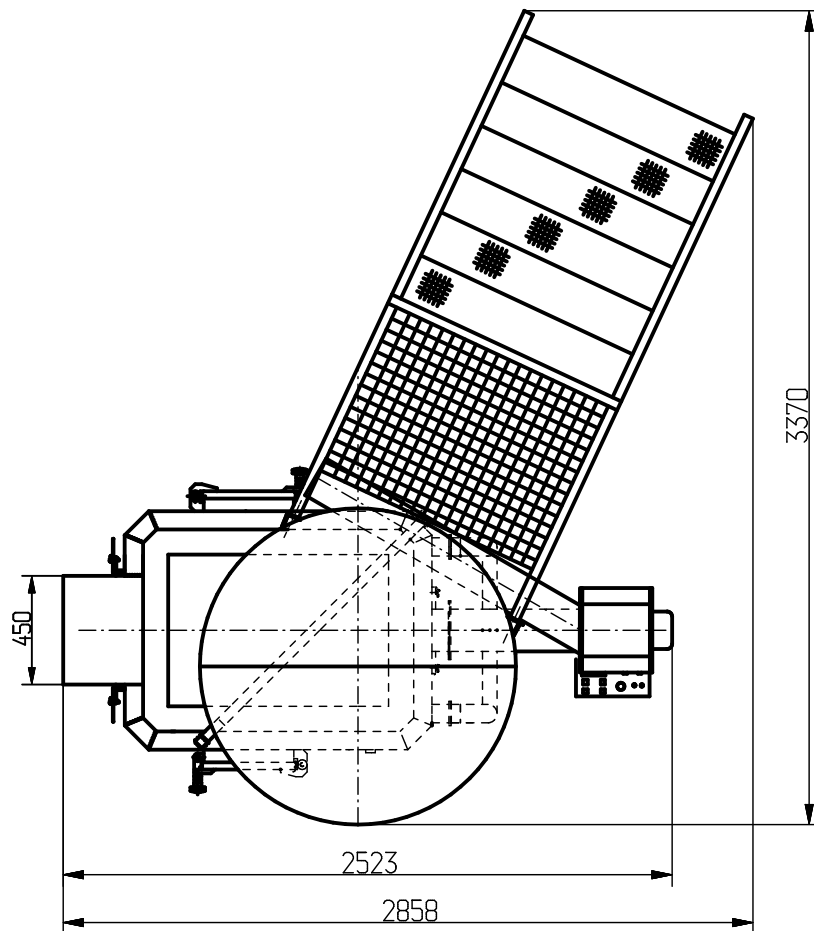
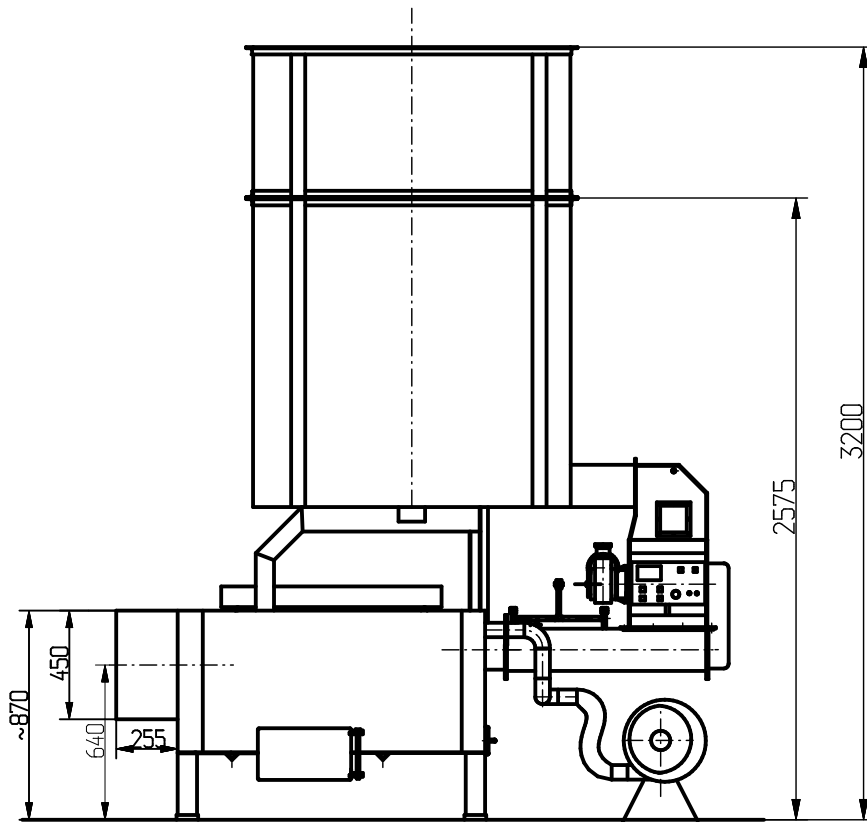




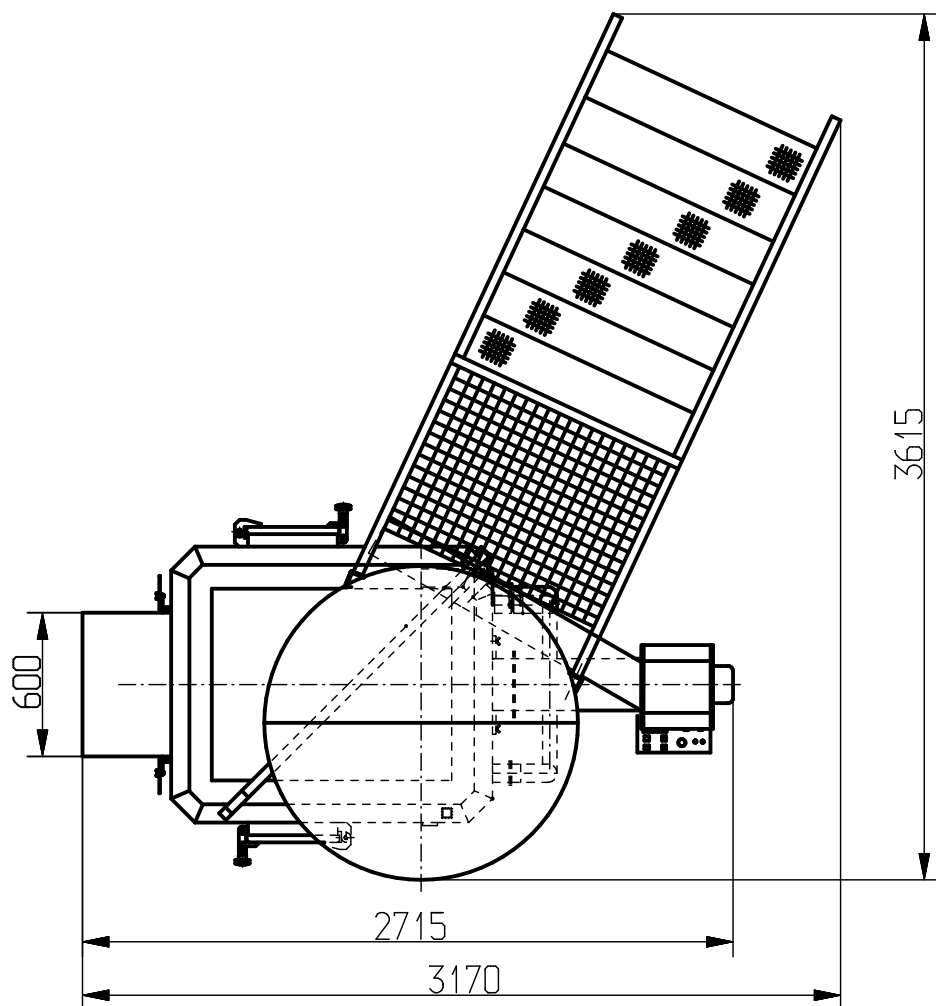
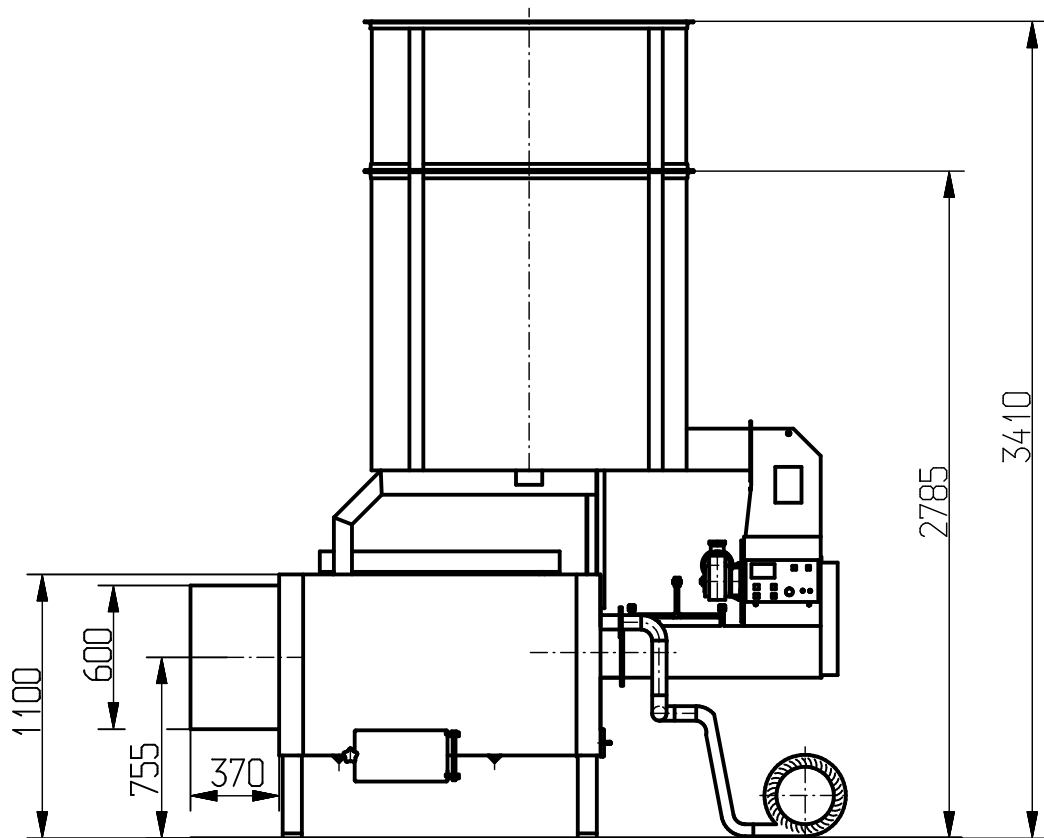
AZSD-50



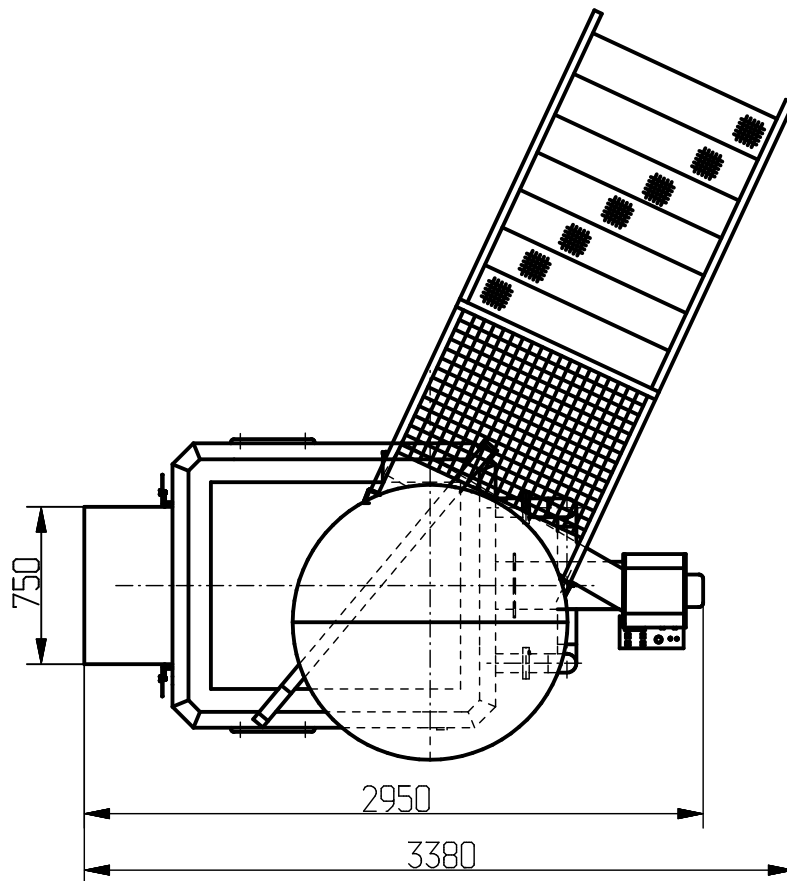
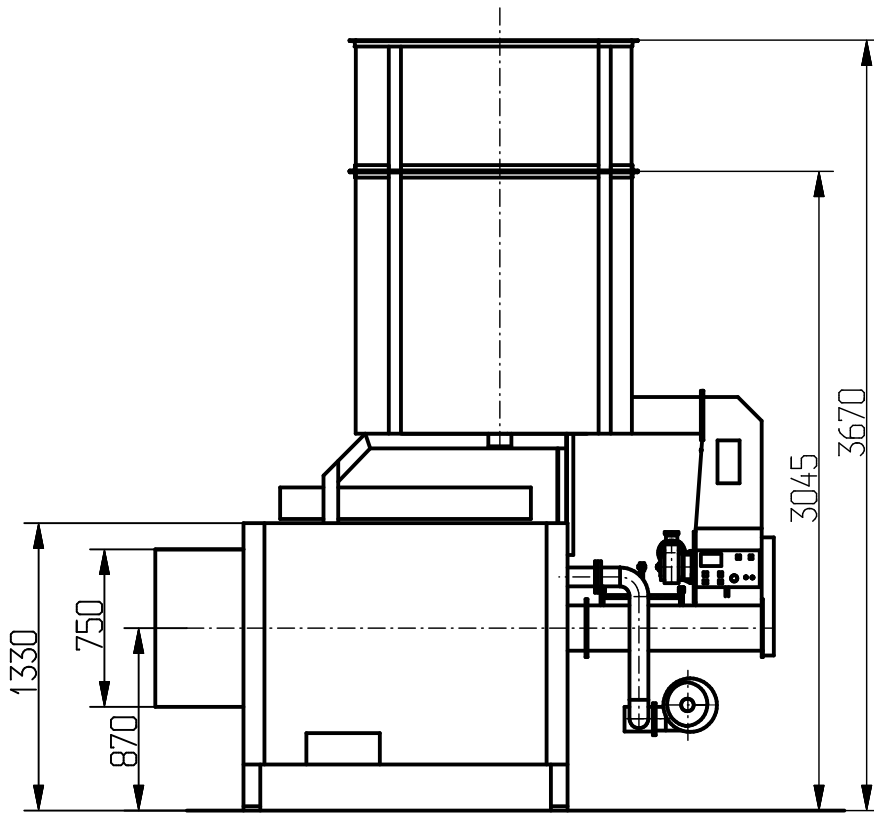
AZSD-100



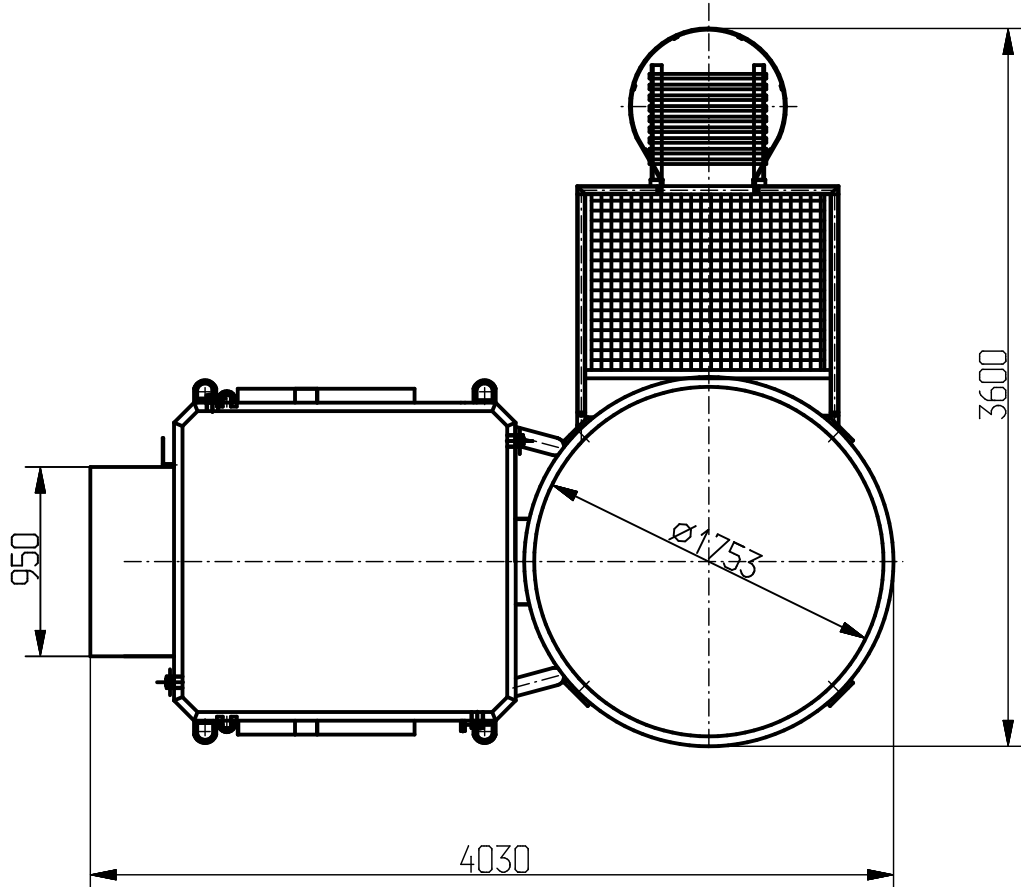
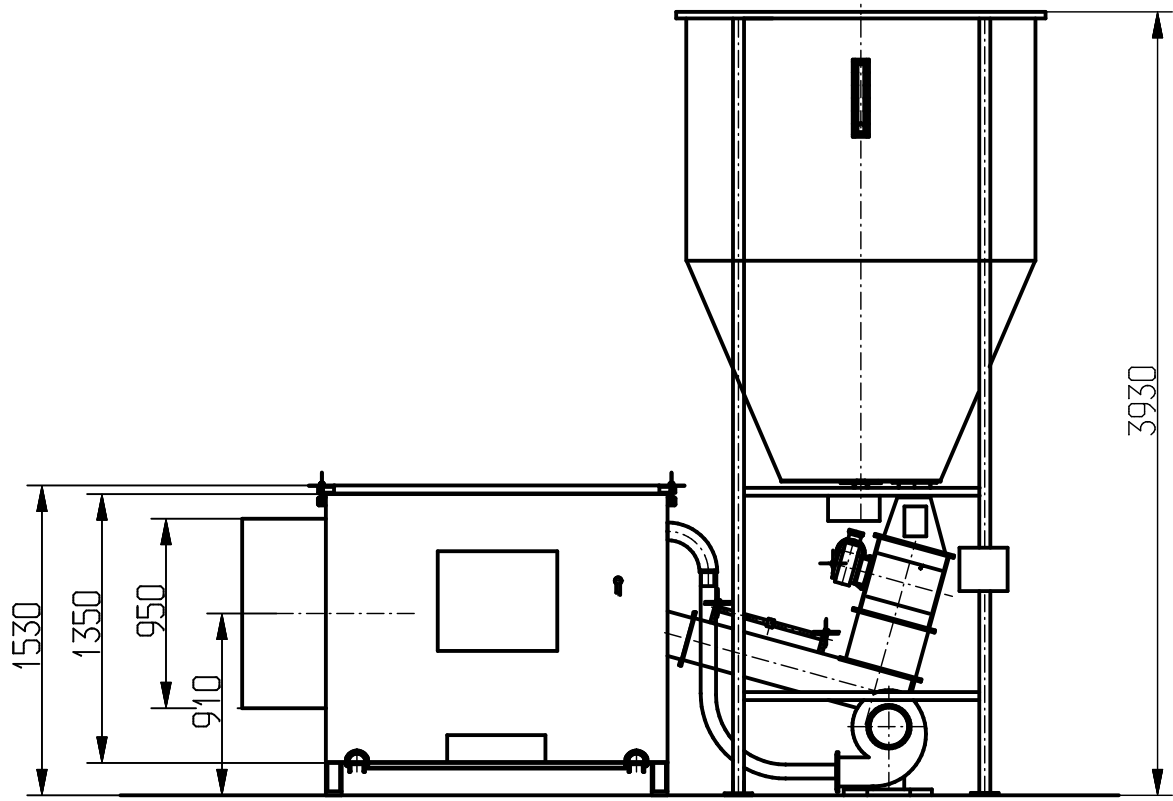
AZSD-180



AZSD-250



AZSD-500



AZSD-1000