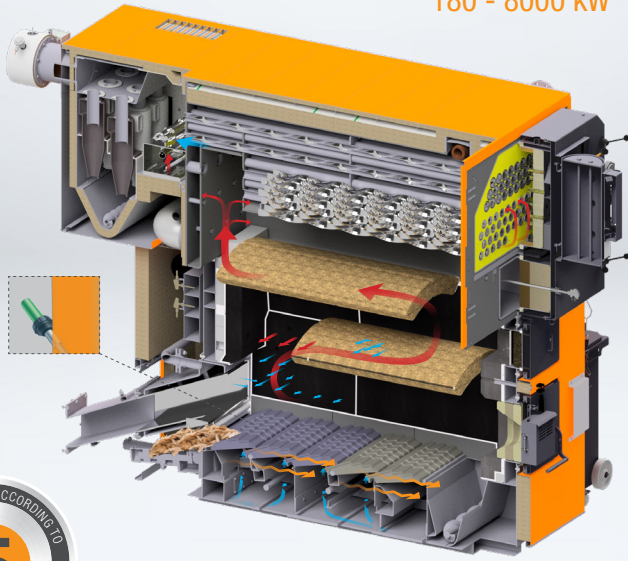


UTSR visio

180 - 8000 kW



THE ALLROUNDER

Moving grate combustion system UTSR visio

Heat exchanger design

- 3-pass fire tube
- Warm water up to 6 bar / 110°C
- Hot water up to 6 bar / 120°C

Grate cooling

Air / water

Grate frame cooling

From UTSR-700

Capacity control

Modulating

Fuel water content

M 10 - 60

Nominal capacity up to fuel water content

M 55

Thermal insulation of the combustion chamber

100 mm

TECHNICAL DETAILS

Type	Nominal capacity 30-100 % [kW]	Grate rating [kW/m ²]	Furnace rating [kW/m ³]	Primary air zones	Total weight w/o water [kg]	Heat exchanger water content [l]	Heat exchanger heating surface [m ²]
UTSR-180	54 - 180	360	360	2	5473	645	17
UTSR-240	72 - 240	480	480	2	5492	645	17
UTSR-300	90 - 300	526	517	2	6101	855	21
UTSR-360	108 - 360	632	621	2	6120	855	21
UTSR-450	135 - 450	484	409	2	9541	1315	31
UTSR-500	150 - 500	538	455	2	9560	1315	31
UTSR-550	165 - 550	591	500	2	9560	1315	31
UTSR-700	210 - 700	387	299	2	14566	2355	59
UTSR-900	270 - 900	497	385	2	14623	2355	59
UTSR-1200	360 - 1200	488	297	2	20031	3426	80
UTSR-1600	480 - 1600	552	340	2	22742	3815	95
UTSR-2000	600 - 2000	514	237	2	33589	5590	105
UTSR-2400	720 - 2400	510	240	2	37963	6480	135
UTSR-3200	960 - 3200	451	179	2	61132	16045	212
UTSR-3800	1140 - 3800	536	213	2	61820	17005	226
UTSR-4200	1260 - 4200	457	142	3	81200	17635	250
UTSR-4600	1380 - 4600	501	155	3	81200	17635	250
UTSR-5000	1500 - 5000	544	168	3	81200	18730	250
UTSR-5500	1650 - 5500	487	134	3	98800	24750	290
UTSR-6000	1800 - 6000	531	146	3	98800	24750	290
UTSR-6500	1950 - 6500	430	117	3	115000	24750	290
UTSR-7000	2100 - 7000	463	126	3	125800	34080	398
UTSR-8000	2400 - 8000	529	144	3	128100	36010	418

Technical changes and printing errors reserved.

Wood chips



Bark



Residual wood



Pellets



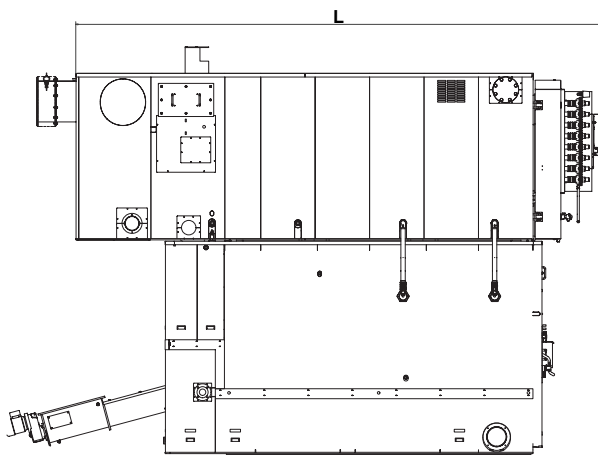
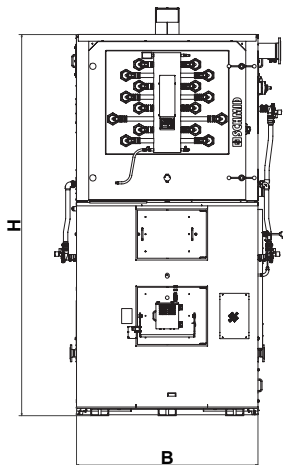
Special fuels



Extensive capacity range
with high fuel flexibility

Generously designed
firing system with

Fully automatic operation
and ash removal



Type	L = Length [mm]	B = Width [mm]	H = Height [mm]
UTSR-180	3378	1150	2650
UTSR-240	3378	1150	2650
UTSR-300	3597	1250	2700
UTSR-360	3597	1250	2700
UTSR-450	4247	1440	2950
UTSR-500	4247	1440	2950
UTSR-550	4247	1440	2950
UTSR-700	4867	1800	3600
UTSR-900	4867	1800	3600
UTSR-1200	5187	2000	4150
UTSR-1600	5787	2000	4200
UTSR-2000	6427	2320	5070
UTSR-2400	7027	2320	5070
UTSR-3200	8374	2800	6850
UTSR-3800	8674	2800	6850
UTSR-4200	8384	2800	7955
UTSR-4600	8384	2800	7955
UTSR-5000	8684	2800	7955
UTSR-5500	9352	3000	8555
UTSR-6000	9352	3000	8555
UTSR-6500	9352	3260	8880
UTSR-7000	9295	3600	9330
UTSR-8000	9795	3600	9330

Technical changes and printing errors reserved.

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