

Description:

De-ashing in Ash Bin 240 litres [Item No. KRT-A2-S]

De-ashing in Ash Skip, 800 litres [Item No. KRT-A8-S]

Complete auger de-ashing from the ash chamber for the fire block into an externally situated movable galvanised ash bin (standard 240 litres). A light barrier control system keeps the level of the ashes constantly over the auger. As a result, the ash in the ash pan under the incineration system can burn out, and in normal operation only cool ash that has burned out is conveyed into the container.

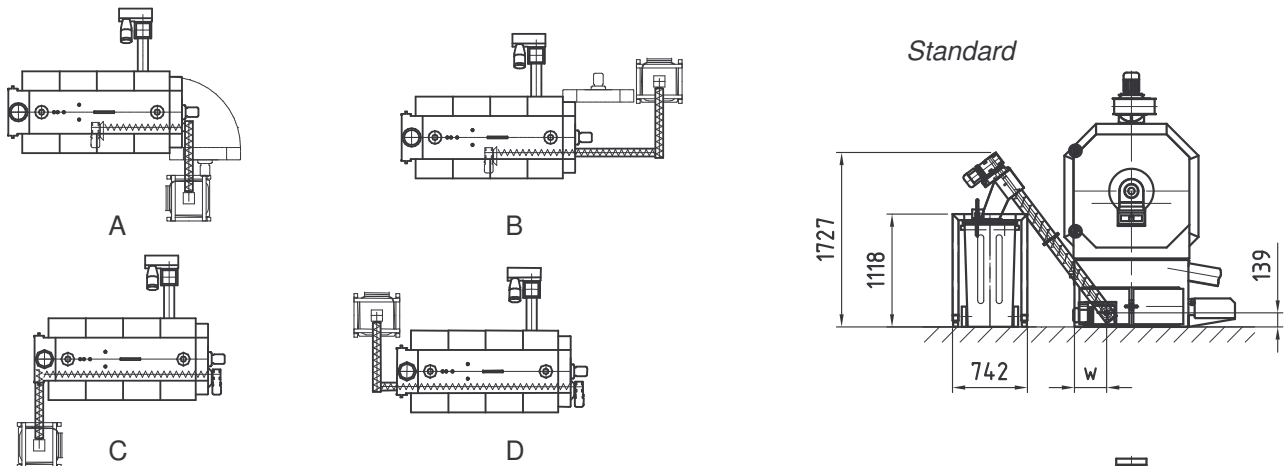
Delivery includes:

- Boiler ash pan with ash level control system and de-ashing auger made of high-temperature steel
- Drive via worm-gear motor
- Connection station with moveable ash bin
- Triggering system for the worm drives
- Infrared light barrier for level monitoring of ash in fire box

Data and dimensions for de-ashing into ash bin, 240 litres:

PYROT	KRT -100	KRT- 150	KRT- 220	KRT- 300	KRT- 400	KRT- 540
[Item No.]	KRT-EA2 -S					
Dimensions:						
w [mm]	249	249	319	319	301	301
x [mm]	953	1023	1023	1193	1273	1408

Connection station with moveable ash bin; mountable at 90° and thus making it possible to select the direction in which it moves out.



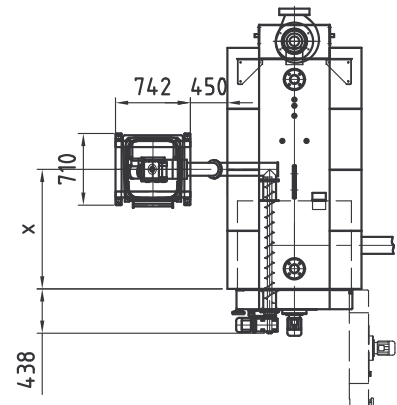
Standard variations and A-D are also possible in mirror-inverted fashion.

Extension of ascending conveyor auger per metre [Item No. KRT-ASM]

Extension of de-ashing auger per metre [Item No. KRT-AFM]

Ash bin, 240 l, reserve [Item No. EB-240]

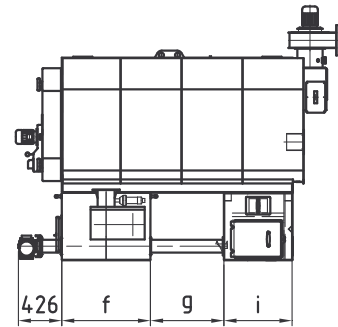
Ash skip, 800 l, reserve [Item No. EC-800]



Description:

- De-ashing in Base Container** [Item No. KRT-ES-100-S]
- De-ashing in Base Container** [Item No. KRT-ES-150-S]
- De-ashing in Base Container** [Item No. KRT-ES-220-S]
- De-ashing in Base Container** [Item No. KRT-ES-300-S]
- De-ashing in Base Container** [Item No. KRT-ES-400-S]
- De-ashing in Base Container** [Item No. KRT-ES-540-S]

Complete auger de-ashing out of the ash chamber for the fire block into the base container situated under the boiler with maximum volume. A light barrier control system keeps the level of the ashes constantly over the auger. As a result, the ash in the ash pan under the incineration system can burn out, and in normal operation only cool ash that has burned out is conveyed into the container. With the large base container, maximum maintenance-free intervals are achieved.



Delivery includes:

Boiler ash pan with ash level control system and de-ashing auger made of high-temperature steel
Drive via worm-gear motor

- Base container with maximum volume and two maintenance doors for removing ash by vacuum or kindling utensils
- Control of the de-ashing by light barrier

Data and dimensions for de-ashing in base container:

PYROT	KRT -100	KRT- 150	KRT- 220	KRT- 300	KRT- 400	KRT- 540
[Item No.]	KRT-ES-100-S	KRT-ES-150-S	KRT-ES-220-S	KRT-ES-300-S	KRT-ES-400-S	KRT-ES-540-S
Dimensions:						
<i>f</i>	[mm]	640	740	740	880	1096
<i>g</i>	[mm]	448	450	513	787	551
<i>i</i>	[mm]	593	593	680	680	800
Volume of base container:						
	[litres]	220	240	360	380	700
Weight of complete de-ashing system: (in addition to boiler weight)						
	[kg]	300	320	340	360	400

Description:

- Pneumatic Cleaning System** [Item No. KRT-W100-S]
- Pneumatic Cleaning System** [Item No. KRT-W150-S]
- Pneumatic Cleaning System** [Item No. KRT-W220-S]
- Pneumatic Cleaning System** [Item No. KRT-W300-S]
- Pneumatic Cleaning System** [Item No. KRT-W400-S]
- Pneumatic Cleaning System** [Item No. KRT-W540-S]

The complete pipe-type heat exchanger is cleaned by periodic impulses of compressed air when in operation. The process of cleaning takes place as blasts of the various sections that follow one after the other. The detaching of the ash on the heat exchanger pipes is carried out by very short but strong pressure impulses. The detached particles are carried by the flow of gas to the de-asher, where most of them are separated off. The system is built into the rear side of the boiler. The compressor should preferably be installed at a cool spot in the heating room.

How the control system works:

The number of cleaning cycles within one time unit (e.g. per hour) is adapted to the loading of the boiler. One individual, complete cleaning cycle consists of a series of pressure impulses over all the sections of the heat exchanger.

Delivery includes:

- Nozzle element integrated in the exhaust gas collector, incl. connection piece with heat dissipation plates
- Compressed air distributor with container and valve; with high-temperature hoses connected to the nozzle element
- Compressor model 362-100; special design for municipal use
Delivery capacity of 202 l/min; 100-l container; pressure of max. 10 bar; motor 2.2 kW, 1450 RPM, 230V; incl. pressure controller, pressure switch and operating time limiter; plug and play; noise level of standard design: 75 dBA
- Compressed air hose to max. of 4.0m in length
- Valves permanently wired on terminal strip
- Software component in the control system

To be carried out by the customer:

- Provide a mains socket, 230V/ 16A

Technical Data:

PYROT	KRT-100	KRT-150	KRT-220	KRT300	KRT-400	KRT-540
[Item No.]	KRT-W100-S	KRT-W150-S	KRT-W220-S	KRT-W300-S	KRT-W400-S	KRT-W540-S
Number of zones/valves	3	4	4	4	5	6
Size of the valves	G 1"	G 1"	G 1"	G 1"	G 1"	G 1"
Max. air consumption at full load [l/h]	1300	1300	2500	2500	3300	4500

Extra Charge for Soundproofed Compressor [Item No. KT-WK]

Compressor in Special design for municipal use with soundproofing hood, model 362-100; delivery capacity: 202 l/min; container 100 l; pressure max. 10 bar; motor 2.2 kW, 1450 RPM, 230V; incl. pressure controller and pressure switch, plug and play; noise level of 64 dBA

When this item is used, the compressor listed in the item "Pneumatic Cleaning System" is no longer required.

Reduced Price for Compressed Air Provided by Customer [Item No. KT-WL]

As a result, the compressor listed in the item "Pneumatic Cleaning System" is no longer required. The compressor provided by the customer has to deliver at least the quantity and quality of air specified and have an adjustable pressure controller as well as a safeguard against hose rupture (e.g. operating time limiter).