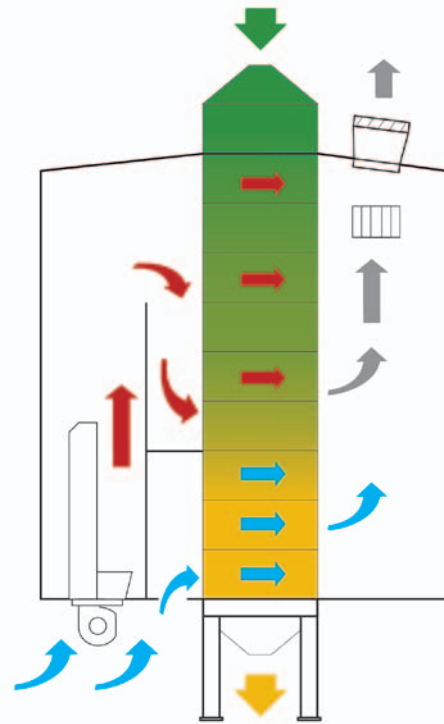




Flow diagram



The **PETKUS Continuous Flow Dryers Type DS** are tower dryers designed for drying grain and seed. Three series (15, 25, 40) are available.

Advantages:

- Three series designed for various capacity requirements
- Gentle and even drying
- Operated with gas or oil burner

Description:

The product moves into the dryer column from above and flows to the discharge over conical, roof-shaped air ducts arranged alternately from side to side. The product is continually mixed and hot air generated by the burner flows evenly through the product. The required airflow is generated by the axial flow fans in the roof of the exhaust air duct. The air speed within the dryer column can be adjusted with air diversion flap.

Louver dampers behind the axial flow fans close during emptying thereby preventing the discharge of dust.

Construction:

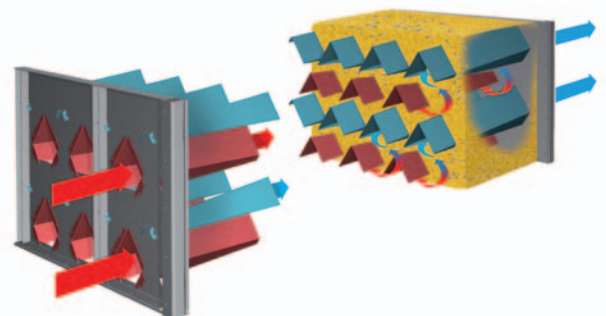
The continuous flow dryer DS is equipped with an insulated hot air duct with an oil or gas burner, a dryer column with air ducts, an exhaust air duct with axial flow fans and a discharge device with outlet hopper.

Standard Equipment:

- Model in galvanized sheet steel
- Dryer column with conical, roof-shaped air ducts
- Heat insulated hot air duct
- Exhaust air duct with an axial flow fan and louver damper
- Buffer bin with level indicator
- Pneumatic discharge device with outlet hopper
- Burner with combustion chamber
- Compressor incl. compressed air pipes
- Control cabinet with touch panel and control software
- Sub-structure, ladders, operating platforms

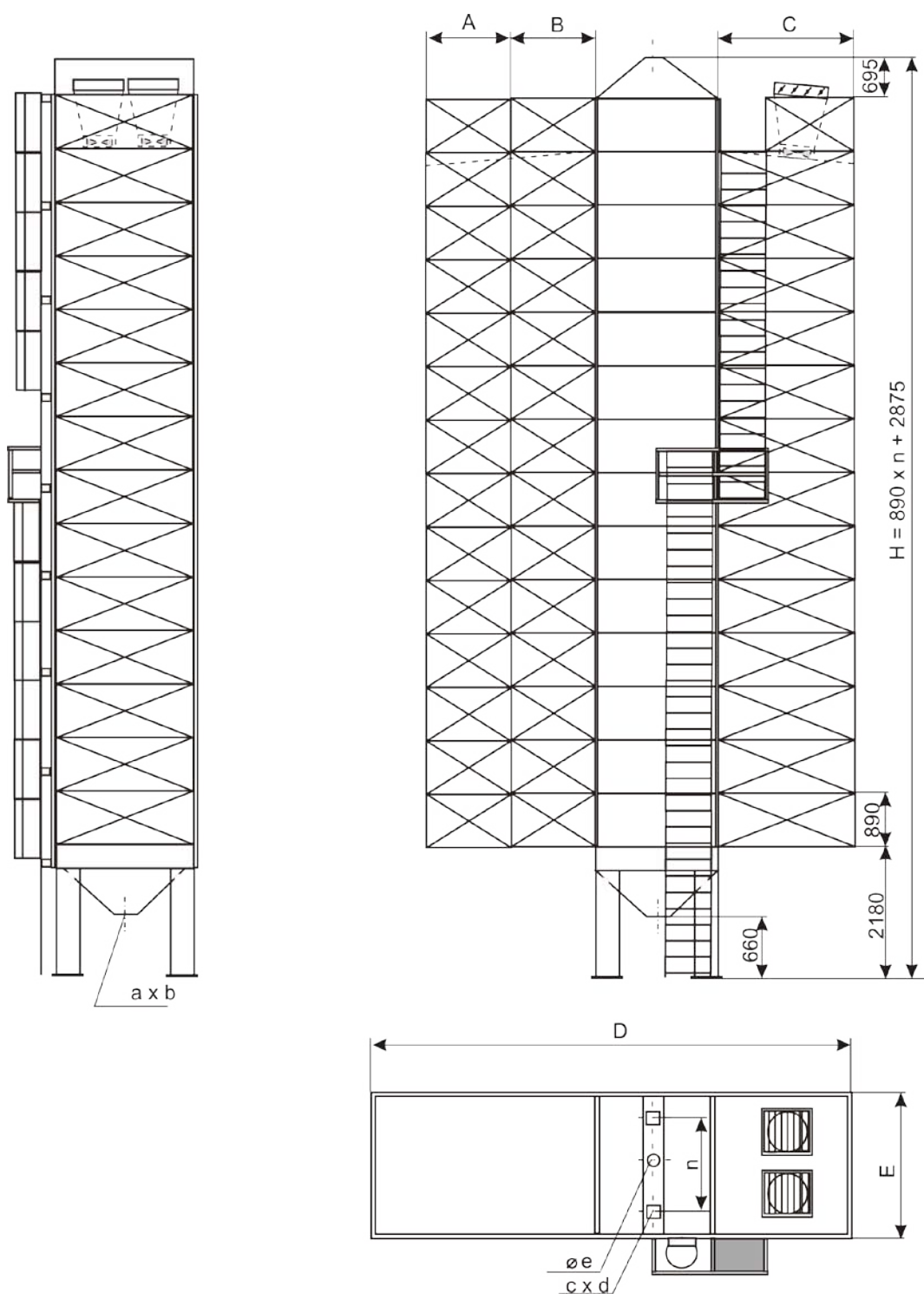
Options:

- Heat insulation of the dryer column
- Larger buffer bin
- Distributing device in the inlet hopper (only for series 40)



Schematic illustration dryer section

Continuous Flow Grain Dryer DS



Type	A	B	C	D	E	a	b	f	c	d	e
15	1450	1050	1450	6020	1570	200	200	-	-	-	Ø 150
25	1450	1450	2320	7290	2440	250	250	-	-	-	Ø 200
40	1450	1450	2320	7290	3890	250	1700	1885	250	250	-

n = Total No. of cells

Technical Alteration reserved.