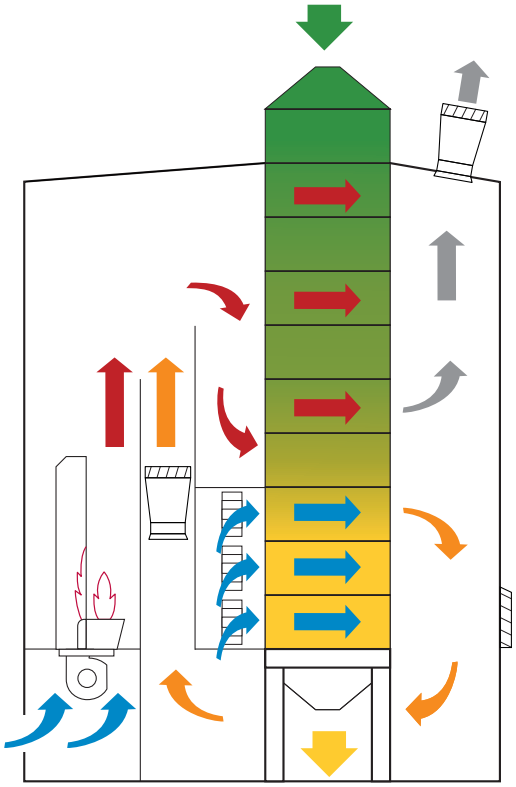
Continuous Flow Dryer DDU

Flow diagram



The **PETKUS Continuous Flow Dryers Type DDU** are tower dryers designed for drying grain and seed. Four series (15, 25, 40 und 60) are available.

Advantages:

- Four series designed for various capacity requirements
- Lower power requirement due to air circulation
- 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 an air diversion flap. The hot unsaturated air from the lower drying sections and cooling air are sucked in by an additional fan and mixed with the heated air, thereby decreasing the power requirements of the system.
Louver dampers behind the axial flow fans close during emptying thereby preventing the discharge of dust.

Construction:

The Continuous Flow Dryer DDU 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
- Air circuit fan
- Burner with combustion chamber
- Compressor incl. compressed air pipes
- Control cabinet with touch panel and control software
- Substructure, ladders, operating platforms

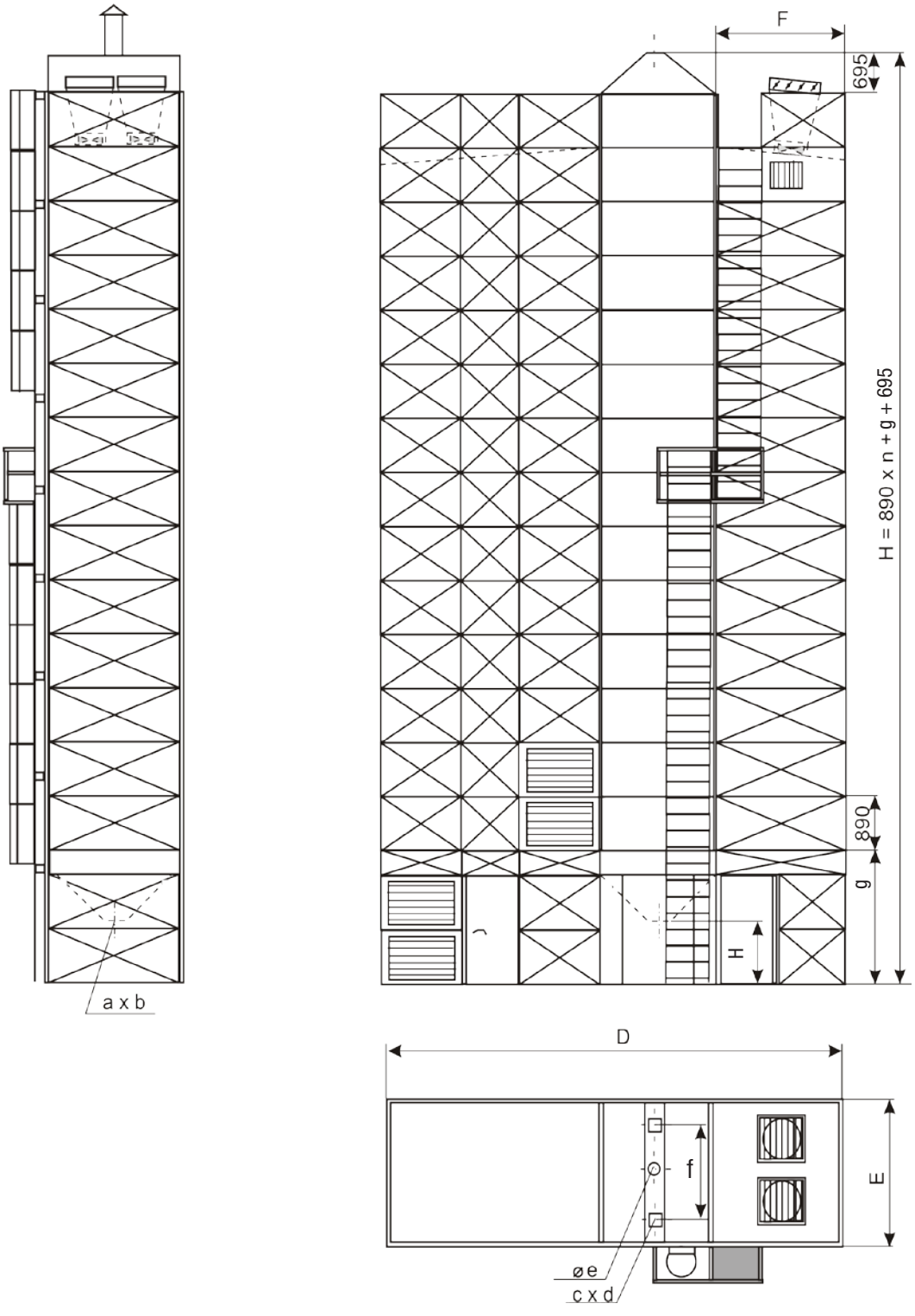
Options:

- Heat insulation of the dryer column
- Larger buffer bin
- Distributing device in the inlet hopper (only for series 40 and 60)

5-10-2 08/2015

PETKUS Technologie GmbH | Roeberstrasse 8 | 99848 Wutha-Farnroda | Germany | Phone: +49 36921-98 0 | E-mail: info@petkus.com | www.petkus.com

Continuous Flow Dryer DDU



Type	D min	E	R	a	b	f	c	d	e	g
15	7439	1570	880	200	200	-	-	-	Ø 150	2200
25	8309	2440	680	250	250	-	-	-	Ø 200	2210
40	8309	3890	670	250	1700	3468	250	250		2210
60	8309	6210	680	250	550	5731	300	300	-	2310

n = Total No. of cells

Technical alteration reserved.

PETKUS Technologie GmbH | Roeberstrasse 8 | 99848 Wutha-Farnroda | Germany | Phone: +49 36921-98 0 | E-mail: info@petkus.com | www.petkus.com