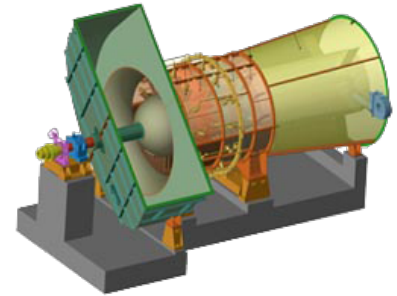


**Name:** IDF-DSA-43-500  
**Russian name:** ДОД-43-500  
**Type:** Two-stage axial ID fans  
**Notes:** Hot-stamped blades from wedge steel billets



## DESCRIPTION:

Two-stage axial ID fans are designed for flue gas removal from combustion chambers of solid fuel and gas-and-oil-fired boilers with the capacity of 640-2650 t/h. These fans are geared for continuous operation indoors and outdoors. The main units of double-stage axial ID fan are: two running wheels, running gear, casing, inlet box, diffuser, two guide vanes, straightener and supports.

## AERODYNAMIC PERFORMANCE:

Capacity: 1810.0 ths. m<sup>3</sup>  
Total pressure: 6168 Pa  
Temperature: 200 C  
Efficiency: 82,5 %  
Dustiness: 0.5 g/m<sup>3</sup>

## DIMENSIONS:

Length: 15100 mm  
Width: 7700 mm  
Height: 9420 mm  
Weight: 104 000 kg

## ELECTRIC MOTOR:

Power: 4000 kW  
Rate speed: 500 rpm  
Moment of inertia: 33500 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 10000 Hm

## DELIVERY OPTIONS:

Railway: Flatcar: 6 | Open wagon: 1 | Schnabel car: 1

DIMENSIONAL DRAWING:

