

# Chopper fans

PRODUCTS FOR EXTRACTION OF PAPER CUTS



FILTRATION

<b>Fan power:</b>	1 000 - 10 000 m <sup>3</sup> /h
<b>Fan pressure:</b>	4 000 - 5 000 Pa
<b>Fan power:</b>	3 - 37 kW
<b>Transport distance:</b>	50 - 150 meters

## Extraction of paper dust and cuts

We develop and manufacture technologies for dust extraction and paper cutting in the printing industry. These are technologies for continuous extraction, separation and processing of paper cuts, cut-outs, endless belts and paper dust.



MADE IN CZECH AND SLOVAK COMPANY

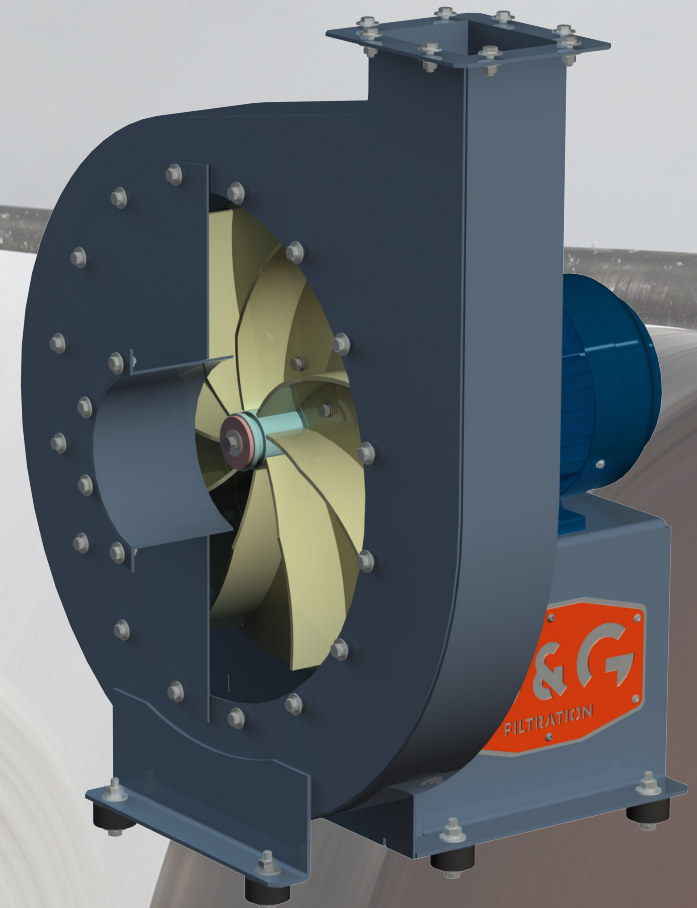


# Chopper fans

We manufacture chopper transport fans, which are used to extract and divide endless strips of paper. The fan is equipped with a cutting rotor with sharp blades made of hardox material. The entry of the cuttings into the fan is solved eccentrically, outside the axis of rotation of the rotor so that the paper strip is guided directly on the cutting edges of the rotor and there is no winding of the paper strip on the fan rotor. The outlet part of the fan is designed at a negative angle so as to prevent clogging of the chopped strips at the discharge port of the fan. The cutting fans are high-pressure with a reinforced housing and are equipped with an inspection hole.

## USE OF CHOPPER FANS

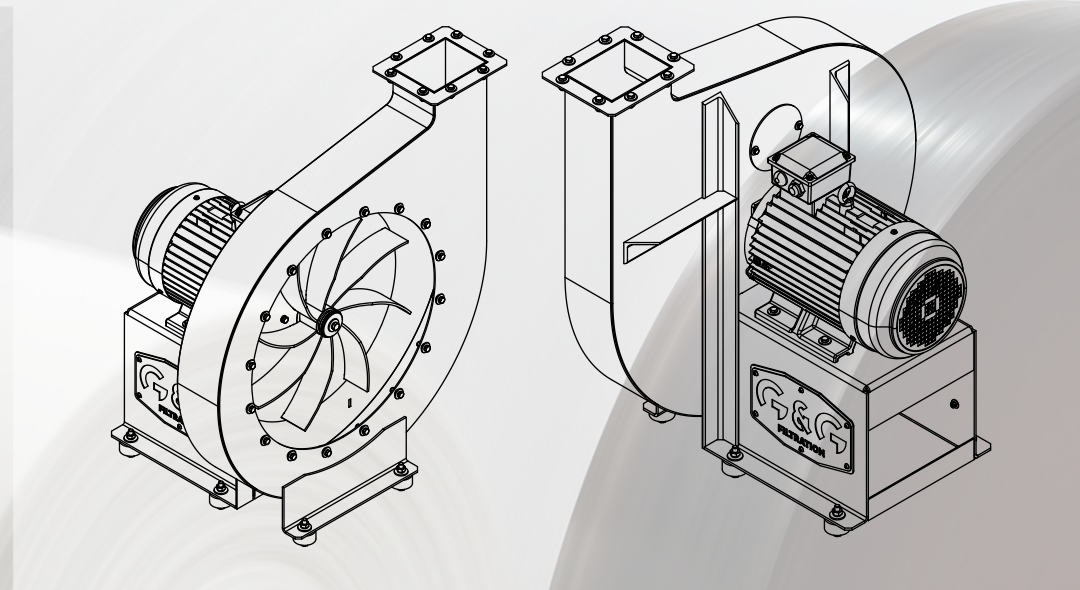
Chopper fans are used to extract and divide the endless paper web. These fans are located directly at the cutting machine. The sucked endless paper web is divided by the blades of the chopper fan rotor. Only paper tapes with a size of 100 to 300 mm are already transported on the discharge side of the fan. The use of a chopping fan in polygraphic operation is suitable for longer transport routes when using central extraction and paper processing. Paper tapes can be fed to a rotary chip separator and further processed by pressing.





# Catalog of chopper fans CFGG

fan type	transport performance	transport pressure	engine power
CFGG 40-009	900 m <sup>3</sup> /h	4000 Pa	3,0 kW
CFGG 40-020	2 000 m <sup>3</sup> /h	4000 Pa	5,5 kW
CFGG 40-035	3 500 m <sup>3</sup> /h	4000 Pa	7,5 kW
CFGG 40-050	5 000 m <sup>3</sup> /h	4000 Pa	11,0 kW
CFGG 40-060	6 000 m <sup>3</sup> /h	4000 Pa	15,0 kW
CFGG 50-080	8 000 m <sup>3</sup> /h	5000 Pa	22,0 kW
CFGG 36-100	10 000 m <sup>3</sup> /h	3600 Pa	22,0 kW
CFGG 50-100	10 000 m <sup>3</sup> /h	5000 Pa	30,0 kW
CFGG 50-140	14 000 m <sup>3</sup> /h	5000 Pa	37,0 kW





**FILTRATION**

### **G&G filtration, s.r.o.**

manufacturing plant  
Podtureň-Roveň 215  
033 01 Liptovský Hrádok  
Slovenská republika  
[info@ggfiltration.com](mailto:info@ggfiltration.com)  
[www.ggfiltration.sk](http://www.ggfiltration.sk)



### **G&G filtration CZ, s.r.o.**

Brno – sales representation for the EU  
Hviezdoslavova 309/7  
627 00 Brno – Slatina  
Česká republika  
[info@ggf.cz](mailto:info@ggf.cz)  
[www.ggfiltration.cz](http://www.ggfiltration.cz)



### **G&G filtration CZ, s.r.o.**

Pelhřimov – division Engineering  
Příkopy 25  
393 01 Pelhřimov  
Česká republika  
[info@ggf.cz](mailto:info@ggf.cz)  
[www.ggfiltration.cz/engineering/](http://www.ggfiltration.cz/engineering/)

