THE USE OF THE PRINCIPLE OF CASCADE PUMPS IN
THE PNEUMATIC CONVEYING IN THE
MILLING INDUSTRY

— original paper —

Tănase TĂNASE ¹, Ioan DANCIU

Faculty of Agricultural Sciences, Food Industry and Environmental
Protection, Lucian Blaga University Sibiu, Romania

Abstract. Due to its characteristics and its obvious advantages when compared to the
mechanic conveying, excluding the specific consumption of electricity, the pneumatic
conveyance is used on a large scale in almost all modern cereal grinding installations. The
application of the solution presented in this paper, has as a direct effect the decrease of
investment and maintenance costs for such an installation.

Keywords: cascade pumps, pneumatic conveying, mill

¹ Corresponding address and actual working place: SC Tecnocereal SRL, Făgetului 136 B,
Constanța Romania. E-Mail: tecnocereal@yahoo.com