

Pulsations eliminated at source

Each of the new Delta Blower units feature a blower stage with internal pulsation cancellation.

Two-Lobe Blowers operating on the Roots principle produce conveying pulsations due to their design, which can be detrimental not only to the blower itself but also to the conveying pipework.

Using a patented development by Aerzener Maschinenfabrik, these pulsations are almost eliminated at source. To achieve this the three-lobe blower has two channels cast into the cylinder wall that control the backstream of gas into the cylinder. This backstream produces sound waves which by interference cancel most of those produced by the blower.

