







Isobaric sword nozzles for stockpile activation by VSR

The isobaric sword nozzle guarantees the same pressure and flow conditions over the total slit length regardless of whether, how and with what the sword of the nozzle is covered. Thus, a great depth and width effect of the air fan is achieved without losing the blast effect.



Depending on the air cannon size, the sword nozzles can be up to 6 m long. They are available in DN50 / 100 / 150, Material: steel, stainless steel, Thermax, Hardox ...



VSR BLASTER® air cannons, completely mounted above the stockpile discharge belt.



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Typical funnel formation at a sand stockpile.



Without sword nozzles: Funnel and bridging formation, small active stockpile volume



Isobaric sword nozzles remove and avoid discharge troubles. The stockpile capacity is increased.

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