

SPIRALVEYOR® SVs NANO

“Most compact high performance spiral conveyor on the market”

- Compact, only 2' - 8" in diameter
- 80% more compact than the first available alternative
- High performance; 23.5 lb/ft 200 fpm
- Elevations of up to 33.3 ft
- AmbaFlex TPJ1 interlocking belt
- Available in Portal ONE configuration
- Codenamed: SpiralVeyor SVs 100-650



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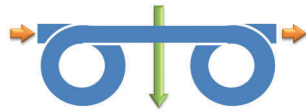
The new SpiralVeyor 'Nano' has been developed on request of our customers who are happy users of the already compact SpiralVeyor SVs series. Even though the previous compact solution, the SpiralVeyor SVs 100-850, only measured one meter in diameter, our customers started to face even more severe space constraints. For those high demanding applications, AmbaFlex designed the new Nano spiral which is only 2' - 8" wide and, after a year of intensive testing introduced it to the market in the fall of 2018.

SpiralVeyor 'Nano' range

The Nano is currently only available with a 4" wide belt running on a 25.5" central diameter. The Nano is available in all in/out configurations as the other SVs series so can be straight in/out or include a 90, 180, 270° curve. Most options available on other spirals will also be available on the SVs 100-650.

Portal configuration

Like the other family members of the SVs series, the SVs100-650 can be configured as a Portal ONE, the most efficient solution for creating accessibility within packing lines. No overhead transfer required thanks to the patented Portal One single belt technology.



Performances

In contrast to plastic budget spirals, the Nano (like all AmbaFlex spirals) is a high-performance spiral conveyor thanks to the patented Triple-E technology used throughout the complete programme. Because of the low friction roller technology and strong steel center chain, the maximum speed can reach an excess of 200 fpm, a load capacity of up to 23.5 lb/ft, and an elevation of up to 20 windings or 10 metres in height. It is by far the highest performance compact spiral available and due to its overengineered design, extra low in maintenance resulting in reduced cost of ownership.

More info

- For Spiral Elevators: www.spiralveyor.com
- For Accumulation Systems: www.accuveyor.com
- For Modular Conveyors: www.ambaveyor.com

New TPJ100 belt

The design of the most compact high-performance spiral required a new narrow radius belt, the TPJ100. Like the well known AmbaFlex TPJ400 this belt is a side flexing belt with interlocking slats forming a near to 100% closed surface.



Further developments

The Nano will soon be available with a multi-track spiral configuration for the accumulation of parallel flows.



The TPJ100 belt will also soon find its way into other existing SpiralVeyors of the SVs series and AccuVeyors, upgrading the product handling of these platforms even further.



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