

Mechanical equipment of vertical sand traps - LPV

The equipment enables removal of settled sand out of the vertical sand trap.

The main component are:

- a walkway where an air-lift pump is attached
- an air-lift pump containing an outlet pipe
- an inlet smoothing pipe
- two air inlet pipes equipped with valves

Material options:

- mild steel with zinc and/or paint coating
- stainless steel
- composite grate walkway

Specification					
Type	LPV 800	LPV 1000	LPV 1200	LPV 1500	LPV 1700
Capacity (l.s ⁻¹)	19	33	50	78	106
Sand trap nominal dia. D (mm)	800	1000	1200	1500	1700
Sand trap upper dia. D1 (mm)	1600	1800	2250	2900	3300
Effective immersion P (mm)	2680				
Smoothing pipe dia. DN4 (mm)	400			500	
Smoothing pipe drop x (mm)	350		325	300	
Inlet pipe diameter DN3 (mm)	200		250	300	
Groove depth v (mm)	200			300	
Outlet pipe L2 (mm)	1100	1200	1500	2000	2200
Sleeve length L4 (mm)	400			500	
Walkway length L5 (mm)	1900	2100	2550	3200	3600

Common parameters	
Max. particle size	6 ÷ 8 mm
Min. air pressure	0,15 ÷ 0,2 MPa
Air consumption	40 ÷ 60 m ³ .h ⁻¹

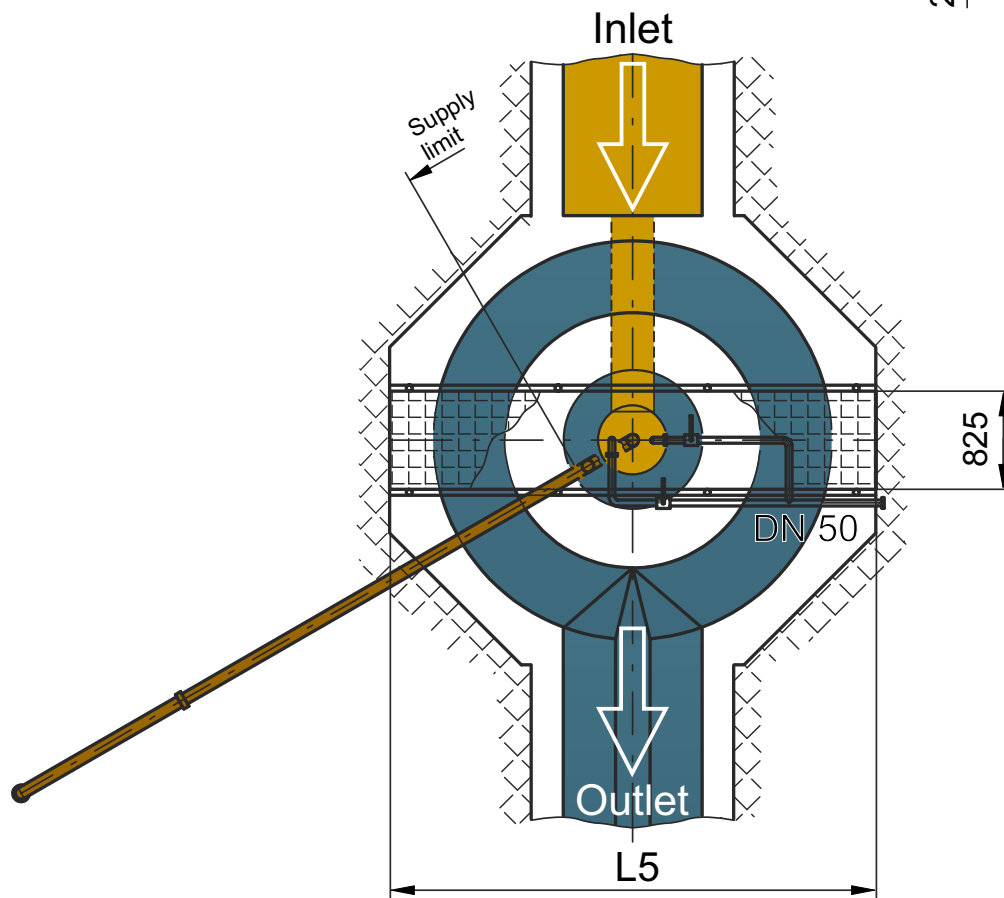
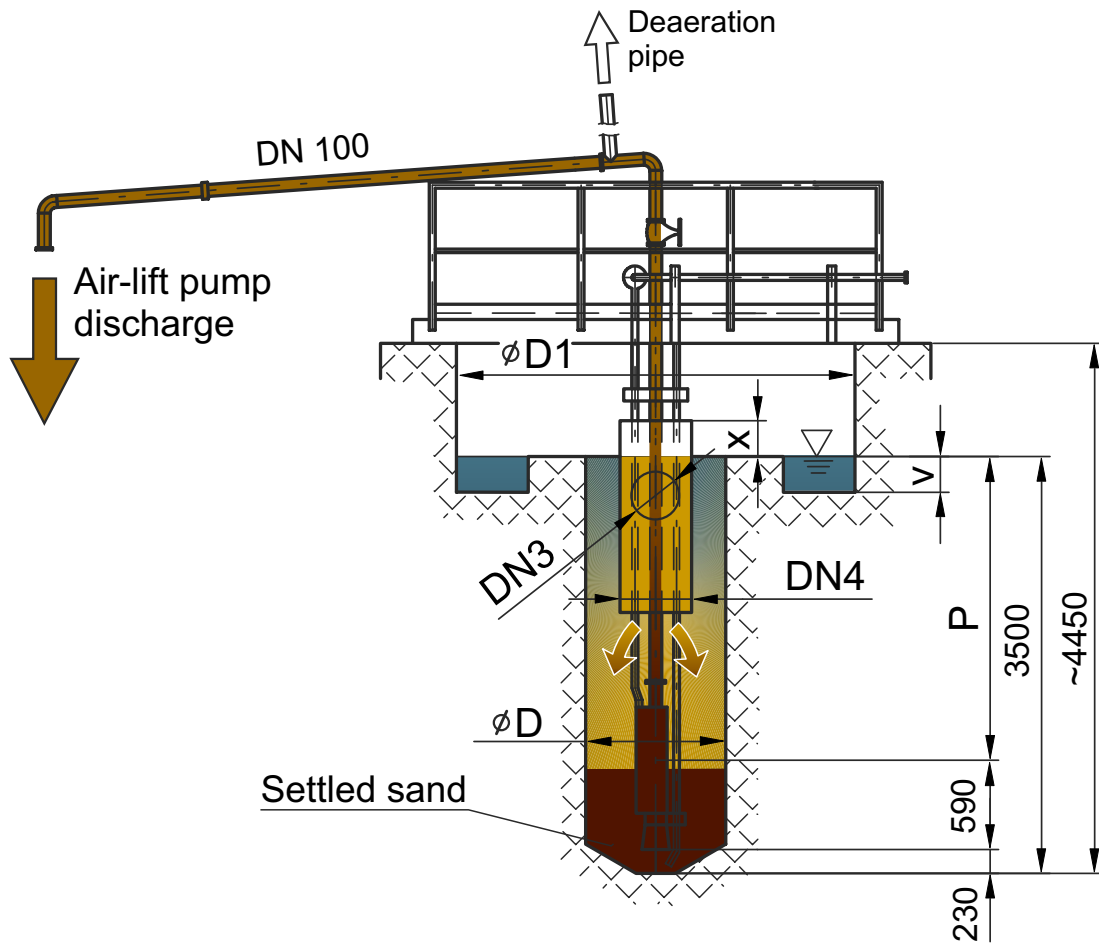
ISO 9001

The equipment is delivered disassembled.

The air source is not part of the delivery.

In order to ensure optimum integration of the screen in specific treatment technology, *FONTANA R, s.r.o.* provides consultations and technical assistance as a free service for its customers.

Service in 24 (48) hours.



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