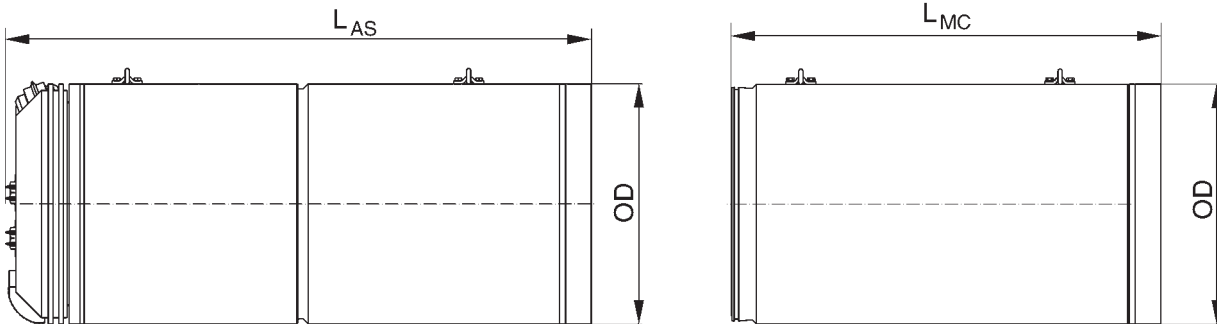
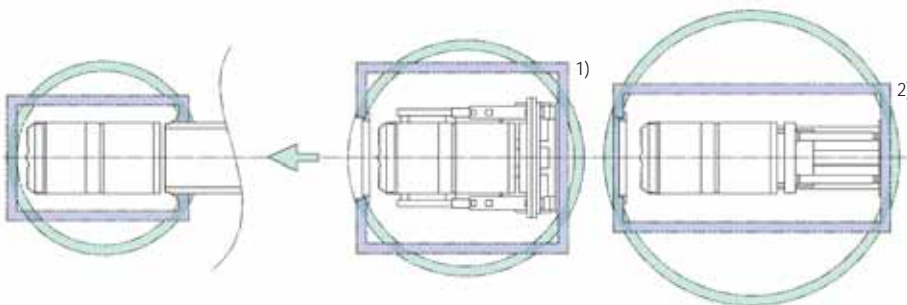


Machine dimensions



		AVN1200TB	AVN1400TB	AVN1500TB	AVN1600TB	AVN1600TE	AVN1800TB
Outer Diameter	OD	mm	1 505	1 740	1 810	1 970	2 150
Length artic. shield	L _{AS}	mm	3 750	3 750	3 800	3 900	4 200
Length machine can	L _{MC}	mm	3 200	3 200	3 200	3 200	3 200
Max. single weight	W	kg	13 000	17 000	22 000	24 000	29 000

Shaft dimensions



- 1) Compact jacking rig:
 - smaller launch shaft needed
- 2) Main jacking station:
 - continuous push with telescopic cylinders (time advantage)
 - higher thrust capacity possible by adding of main jacks

		AVN1200TB	AVN1400TB	AVN1500TB	AVN1600TB	AVN1600TE	AVN1800TB	
Launch Shaft Compact jacking rig	Pipe length 2 500 mm	Shaft size	Shaft size	Shaft size	Shaft size	Shaft size	Shaft size	
		Ø = 4.87m	Ø = 5.27m	Ø = 5.27m	Ø = 6.5m	Ø = 6.5m	Ø = 6.5m	
	3 000 mm	5.0m x 4.5m	5.0m x 4.5m	5.0m x 4.5m	5.5m x 4.5m	5.5m x 4.5m	5.5m x 4.5m	
		Ø = 4.87m	Ø = 6.5m	Ø = 6.5m	Ø = 6.5m	Ø = 6.5m	Ø = 6.5m	
Launch Shaft Main jacking station	2 500 mm	Ø = 8.5m	Ø = 8.5m	Ø = 8.5m	Ø = 8.5m	Ø = 9.0m	Ø = 9.0m	
		8.0m x 3.5 m	8.0m x 3.5m	8.0m x 3.5m	8.0m x 4.0m	8.5m x 4.0m	8.5m x 4.0m	
	3 000 mm	Ø = 8.5m	Ø = 8.5m	Ø = 8.5m	Ø = 8.5m	Ø = 9.0m	Ø = 9.0m	
		8.0m x 3.5m	8.0m x 3.5m	8.0m x 3.5m	8.0m x 4.0m	8.5m x 4.0m	8.5m x 4.0m	
Reception Shaft	L _{AS}	3 750mm	3 750mm	3 800mm	3 900mm	4 200mm	4 200mm	
		Circular	Ø = 4.5m	Ø = 4.5m	Ø = 5.0m	Ø = 5.0m	Ø = 5.5m	Ø = 5.5m
		Rectangular	4.5m x 2.5m	4.5m x 2.5m	4.5m x 2.5m	5.0m x 3.0m	5.0m x 3.0m	5.0m x 3.0m

All dimensions according to 15m shaft depth.

Machine type description e.g. AVN ¹⁾ 1800 ²⁾ T ³⁾ B ⁴⁾			
1) Machine type	2) ID of jacking pipe	3) Access to cutting wheel	4) Type of container, power transfer from container to machine
		X = no access	B = electric cable to machine, power pack in machine
		T = central door	C = hydraulic drive from container directly into machine
		A = door above main drive or in top of pressure wall	E = electric cable from container directly into machine
			H = medium voltage supply to machine (> 1000V)

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