



# Overview of water management shafts

Technical data 2025

# Overview of geothermal distribution shafts

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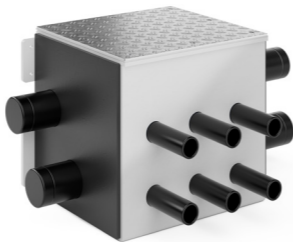

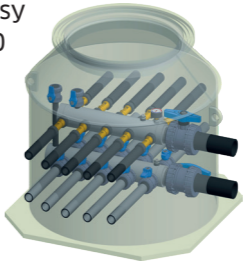

Overview of water management shafts

Water management							
	JANSEN energy conversion shaft	JANSEN water protection shaft	JANSEN pump shaft	JANSEN fitting shaft	JANSEN sludge collector	JANSEN PE system shaft	JANSEN individual production winding tube
							
Application	As a baffle for steep pipes	As an inspection shaft in water protection zones	As a pump shaft for dirt and rainwater	As access to fittings	As a dirt collector for roofs and squares	As an inspection shaft and cleaning shaft	Shafts of all application types and others such as drinking water tanks, ice storage tanks, rainwater collectors
Body	Vertical round shaft made of PE	Vertical round shaft made of PE	Vertical round shaft made of PE	Vertical round shaft made of PE	Vertical round shaft made of PE	Vertical round shaft made of PE or PP	Horizontal or vertical round shaft made of solid-wall or spiral duct PE
Body dimensions	ø 600 - 1000	ø 800 - 1250	ø 400 - 2500	ø 1000 - 2500	ø 600 - 2500	ø 800 - 1000	> 800 - 2500
Floor height	650 - 1000	650 - 1150	650 - 1000	Individuell	650 - 1150	500	Round floor not possible
Total height	Custom	Custom	Custom	Custom	Custom	Custom	> 6500
Advantages of PE shaft	Durable, lightweight, compact, leak-tight and customizable, corrosion-free, easy to transport	Durable, lightweight, compact, leak-tight and customizable, corrosion-free, easy to transport, integrated risers, welded connection pieces, smooth surface, low maintenance	Durable, lightweight, compact, leak-tight and customizable, corrosion-free, easy to transport	Durable, lightweight, compact, leak-tight and customizable, corrosion-free, easy to transport	Durable, lightweight, compact, leak-tight and individually adaptable, corrosion-free, easy transportation, integrated risers, welded connection pieces, smooth surface, low-maintenance	Durable, lightweight, compact, tight and customizable, corrosion-free, easy transport, light inliner, integrated climbing steps, welded connection pieces, smooth surface, low maintenance	Durable, lightweight, compact, leak-tight and individually adaptable, corrosion-free, easy transportation, integrated risers, welded connection pieces, smooth surface, low-maintenance
System advantages	Pressure refraction, energy conversion, long service life, can also be used on steep slopes	With inspection and control option via venting & draining valves	Ready for connection, welded at the factory so as leak-tight	Can be fully custom manufactured according to customer requirements, flexibility, short construction time	Space-saving, reduction of blockages, environmentally friendly	Low maintenance, easy accessibility, low soiling	Customized according to customer requirements, ready for connection, welded at the factory so as leak-tight
Pressure stability	> 3 mWs	> 3 mWs	> 3 mWs	> 10 mWs	> 3 mWs	> 2 mWs (PP 5 mWS)	> 10 mWs
Cover classes, decoupled from class D	A35 / B125 / D400	A35 / B125 / D400	A35 / B125 / D400	A35 / B125 / D400	A35 / B125 / D400	A35 / B125 / D400	A35 / B125 / D400
Inlet / outlet nozzle	> ø 500	Custom	Custom	Custom	Custom	ø 160 - 400	Custom

Overview of geothermal distribution shafts

Geothermal energy

Example

		JANSEN ecobox 	JANSEN eco 625/700/950 	JANSEN easy 800 - 1600 	JANSEN u-boot 1200 - 1800 
	Number of circuits	2 - 6	2 - 6	2 - 20	Up to 80
Dimensions	Main line	ø 90	ø 63 - ø 90	ø 63 - ø 110	Custom
	Distribution beam	ø 90	ø 90 - ø 110	ø 90 - ø 110	Custom
	Circuit connections	ø 50	ø 32 - ø 50	ø 32 - ø 50	ø 32 - 63
Dimensions	Height	558 mm	approx. 850 mm	800 - 1800 mm	Custom
	Width	550/680/810 mm	approx. 750 mm	800 - 1600 mm	Custom
	Depth	410 mm	approx. 750 mm	800 - 1600mm	Custom
	Circular arrangement	Horizontal / front	Lateral - bilateral	Lateral - bilateral	Lateral - bilateral
	Cover class	500 kg	A35 / B125 / D400	A35 / B125 / D400	A35 / B125 / D400
	Telescopic	No	Custom	Custom	Custom
Fittings	Flow meter	5 - 42 l/min	5 - 42 l/min	5 - 42 l/min	Custom
	Rinse connection	Yes	Yes	Yes	Yes
	Air bleed valve	No	Yes	Yes	Yes
	Pressure stability	-	1.5 mWs	1.5 mWs	Custom
	Accessories	-	-	Custom	Custom
Structure		Statically stable body construction with 10 mm material thickness. Main cables extending on both sides. All circuit connections can be shut off incl. plastic flow meter and rinse/filling connections	Sheet material with min. 8 mm wall thickness, main lines can be shut off, arrangement of circuit connections freely selectable, cover class selectable (B125 as standard), incl. plastic flow meter, pressure gauge, rinse connection and air vent	Statically stable body constriction with min. 8mm material thickness. Main line can be shut off. Position of the circuit connections can be selected. Lockable incl. plastic flow meter and rinse/fill connections. Cover selectable (B125 standard)	Customized shaft made of spiral ducting, min. Pipe class SN2, main lines can be shut off, arrangement of circuit connections freely selectable, cover class selectable (B125 as standard), incl. access ladder, plastic flow meter, pressure gauge, rinse connection and air vent
Advantages		Simple installation, direction of the main line can be adapted to the conditions	Direction of the circuit connections can be adapted to the conditions, lockable main lines, fittings and other specifications possible	Direction of the circuit connections can be adapted to the conditions, lockable main lines, fittings and other specifications possible	Completely freely and individually configurable, large distribution shaft for complex projects (for statics, comfort, automation and smart technology)

Jansen AG

**Plastic Solutions**  
Industriestrasse 34  
9463 Oberriet  
Switzerland  
[jansen.com](http://jansen.com)

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