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- Locate your local JDP branch at www.jdpipes.co.uk/branches
- New branches opening soon at Cardiff, West London, Ely

JDP is more than just a merchant. As part of Tessenlerlo Group, a worldwide organisation operating across 21 countries, our manufacturing capabilities, technical knowledge and extensive product knowledge makes us one of the leading experts in your industry.

By continuing to invest in extensive stock levels to ensure local availability of our product range, and combining expertly trained staff, our own specially designed vehicle fleet, a dedicated in-house Technical Support team and a growing nationwide network of branches, JDP is always close to the project and ready to serve.

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BOREHOLE SYSTEMS

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Borehole Systems

With climate change affecting current and future water supplies, through rising water consumption, floods, storms and droughts, high quality clean water is expected to become a much more precious and essential resource.

Borehole systems can provide a private water supply by using groundwater from underground, which can increase the value of your property or business as well as save you money from rising water bills, without losing pressure or supply of water.



Water Wells

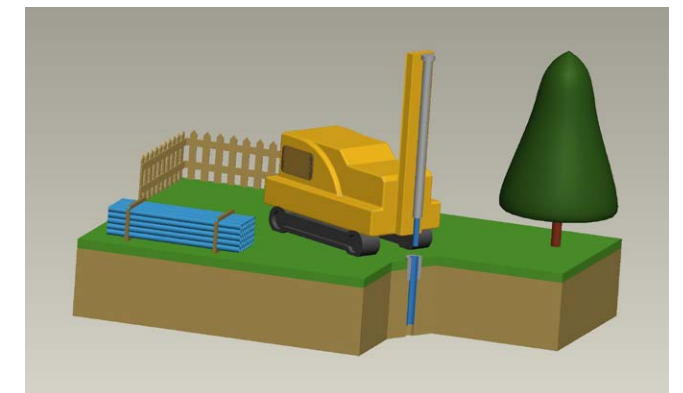
JDP borehole systems can be installed quickly and efficiently to create your own water supply all year round, independent from water restrictions such as hosepipe bans.

With 40,000 private water supplies in the UK, and over 1,500 water well boreholes used by the UK water industry to provide mains water supplies, this naturally filtered water can be used for any activity you normally use water for such as cooking, washing and gardening.

If using less than 20,000 litres per day a private water supply is available without a licence.

For farming and other commercial uses where water consumption is considerable, the investment into a borehole makes sense even without the pressures of rainfall.

With specialist experts, knowledgeable staff, dedicated nationwide distribution ensured by JDP's national branch network, stock in-depth, and extensive product range JDP can provide the systems when you need it wherever you are in the UK.



Geotechnical Applications

JDP borehole systems can also be used in other geotechnical applications:

- Monitoring and observing boreholes
- Investigation and remediation of polluted groundwater
- Contaminated soil monitoring
- Environmental engineering
- Geotechnical investigations
- Geothermal energy collection
- Facility construction
- Landfill gas recovery and leachate extraction

PVC Well Casing & Screens

JDP provide a range of PVC well casings and screen from 19mm up to 400mm which are suitable for a variety of applications.

With over 25 years of use the tried and tested product range has a proven reliability record across Europe. The high quality, ageing resistant pipework is able to be installed quickly and efficiently with minimal disruption to the project.

- WRAS approved to BS 6920 for use in water wells for drinking water
 - Install up to 200m deep dependant of ground conditions
- Coloured blue to easily distinguish from other applications
 - Lightweight and easy to handle

Features & Benefits

- 19mm to 150mm pipework stocked nationwide
- Manufacturing available for sizes up to 400mm
- Install up to 200m deep
- Various slot sizes to allow for varying ground conditions
- Alimentary quality
- Corrosion and age resistant
- High Chemical inertia
- No risk of electrolytic corrosion

Slot Selection

Soil Analysis (mm)	Gravel Size (mm)	Slot Width (mm)
0.10 - 0.60	0.70 - 1.25	0.5
0.20 - 0.80	1.0 - 1.50	0.75
0.30 - 1.25	1.50 - 2.0	1.0
0.40 - 2.0	1.75 - 2.50	0.5
0.50 - 3.0	3.0 - 4.0	2.0

According to subsoil and gravel size

Applications

- Water wells
- Borehole monitoring
- Borehole observation
- Contaminated groundwater investigation
- Contaminated groundwater remediation
- Environmental engineering
- Facility construction
- Geotechnical investigations & instrumentation
- Geothermal drilling
- Groundwater control & monitoring

Accessories

- Push on caps & valves
 - Threaded caps & valves
 - Rubber bungs & valves
 - Well heads
 - LT200 compression valves
- Dipmeters
 - Protective covers
 - Piezometers
 - Bentonite
 - Glasmedia
 - Filter materials



Pipe OD (mm)	Casings			
	Description	Pipe ID (mm)	Length (m)	Code
26	19/26mm Plain Piezo Pipe	19	1	0830LPP1926PPL1
		19	3	0830LPP1926PPL3
	19/26mm Slotted Piezo Pipe	19	-	-

33	25/33mm PVC Casing	25	3	083030570
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42	35/42mm PVC Casing	35	1	0830LPP3542PL1
		35	3	0830LPP3542PL3

60	51/60mm PVC Casing	51	1	0830LPP5160PL1
		51	3	083034845

90	80/90mm PVC Casing	80	3	0830BHC90X3
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114	104/114mm PVC Casing	104	1	0830BHC114X1
		104	3	0830BHC114X3

125	112/125mm PVC Casing	112	3	0830BHC125X3
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140	126/140mm PVC Casing	126	3	0830BHC140X3
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165	150/165mm PVC Casing	150	3	0830BHC165X3
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Bespoke manufacturing up to 400mm available
Open Area chart available upon request

Screens		
Slot Width (mm)	Length (m)	Code
-	-	-
-	-	-
1.0	3	0830LPP1926PLS1

1.0	3	083031929
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0.5	1	0830LPP3542SL1
	3	0830LPP3542SL3

0.5	1	0830LPP5160SL1
1.0	1	0830LPP5160SL11
0.5	3	0830LLP5160SL3
1.0	3	0830LLP5160SL31

1.0	3	0830BHS90X3S1
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1.0	1	0830BHS114X1S1
0.5	3	083034643
1.0	3	0830BHS114X3S1
2.0	3	083034649

0.3	3	0830BHS125X3S3
0.5	3	0830BHS125X3S5
1.0	3	0830BHS125X3S1

1.0	3	0830BHS140X3S1
2.0	3	083034140

1.0	3	0830BHS165X3S1
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HDPE Casings & Screens

HDPE well casings and screens, manufactured to ISO 9001:1994 and DIN 8074/8075, benefit from being highly resistant to a wide range of chemicals and are often used within landfill, industrial and brownfield redevelopment to detect contaminants.



Features & Benefits

- HDPE in 1m and 3m lengths
- Casings and screens to DIN 8074/8075
- High temperature resistance
- Tough and durable
- High strength and chemical resistant
- Flush joint threaded for quick jointing

Applications

- Landfill gas recovery
- Landfill leachate extraction
- Groundwater control and monitoring
- Contaminated soil remediation
- Contaminated groundwater remediation

Range

Pipe OD (mm)	Casings		
	Description	Length (m)	Code
40	32/40mm HDPE Casing	1	0830LHP4028PL1
		3	0830LHP4028PL3
63	51/63mm HDPE Casing	1	0830LHP6351PL1
		3	0830LHP6351PL3

Screens		
Slot Width (mm)	Length (m)	Code
0.75	1	0830LHP4028SL1
0.75	3	0830LHP4028SL3

0.75	1	0830LHP6351SL1
1.0	1	0830LHP6351SL11
0.75	3	0830LHP6351SL3
1.0	3	0830LHP6351SL31

SDR11 / PN10 pipework
90mm, 110mm and 160mm pipework and casings in 3mm slot widths also available
Bespoke manufacturing available up to 630mm
Technical characteristics and Open Area chart available upon request.



GEOHERMAL LOOPS

As the ground stays at a near constant temperature geothermal technology extracts heat that can be used to provide heating and cooling needs for buildings.

JDP can assist in the design and specification of geothermal loops to match the profile of energy use to ensure efficiency.



COVERS & FRAMES

Covers and frames help protect valves, pipework and connections for borehole systems.

A range of lightweight covers in cast iron, plastic and galvanised steel in loadings from A15 up to F900 are available from JDP. For information and availability please contact us.



WATER SERVICE PIPE & FITTINGS

JDP supplies in depth stocks of blue MDPE for potable water below ground and black MDPE for potable water above ground. Large diameter pipe and fittings are available.

JDP's water service range also extends to water storage tanks, valves and manifolds, water meters and compression fittings.

