

SBH SPINDLES

with connectable extension pipes
- for varying trench widths

SBH spindles can be adjusted to the required trench width by simply attaching extension pipes and fixing them by means of pins.

Up to 6 extension pipes, each with a length of 0.50m, or extension pipes up to a total length of 3.00m can be used for lengthening. The extension pipes are available in lengths from 0.30 to 2.00m and can be combined to achieve the individual working width required.

With conventional systems, the extension pipes need to be screwed into place. This costs time and requires a large amount of screws. With SBH you can simply connect the extension pipes together, pin them - and it's done.

The connection between the plates and the spindles is made via the spring spindle holder with jointed support. This enables the plates to be pushed in alternately using the cut and lower method.

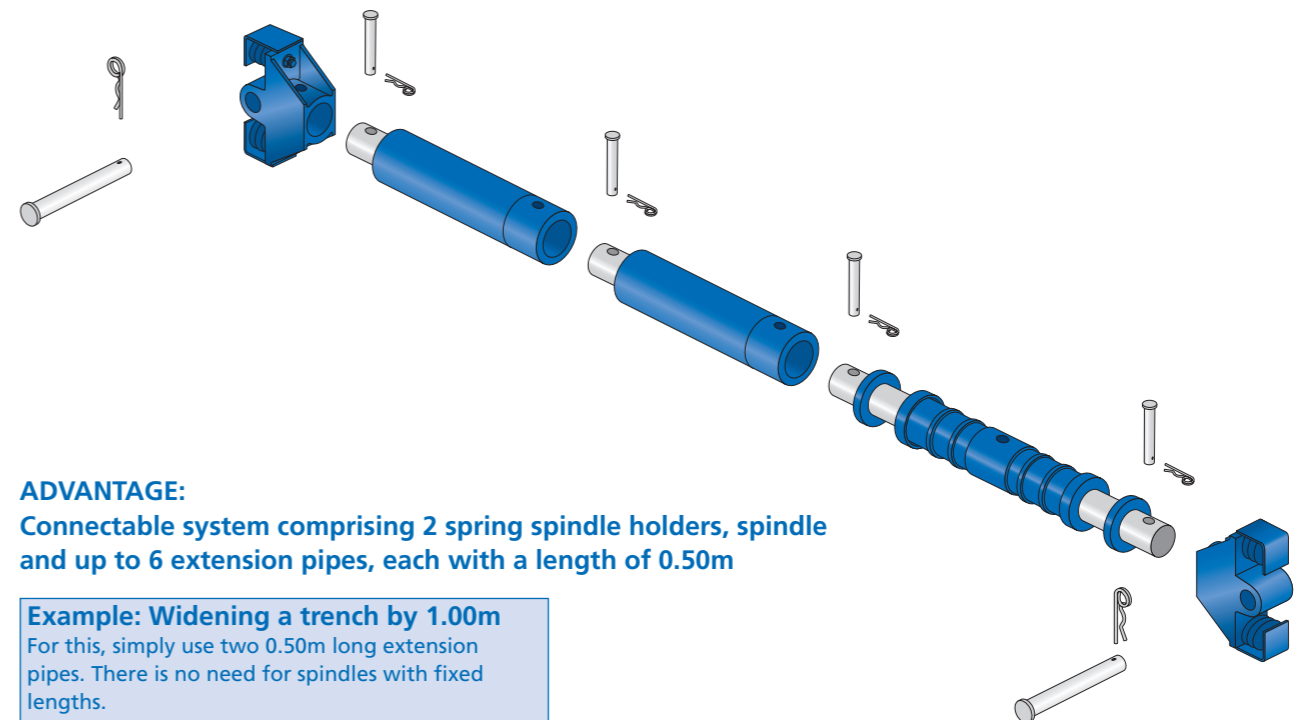
Spindles for the highest loads

Spindles and extension pipes have a very stable construction and can withstand high loads. The specified pressure forces have been substantiated through extensive practical trials.



Spindle type 031/085 blue

Number of extension pipes a 0,50m	Spindle length/ Working width b _c [m]	Trench width b [m]	Trench width b [m]	Trench width b [m]	Trench width b [m]	Permissible compressive force F [kN]	Weight G [kg]
		Light box	Extra box	Standard box	Manhole box		
0	0.98 – 1.26	1.11 – 1.39	1.15 – 1.43	1.20 – 1.48	2.00 – 2.28	468	65.0
1	1.48 – 1.76	1.61 – 1.89	1.65 – 1.93	1.70 – 1.98	2.50 – 2.78	403	84.8
2	1.98 – 2.26	2.11 – 2.39	2.15 – 2.43	2.20 – 2.48	3.00 – 3.28	348	104.6
3	2.48 – 2.76	2.61 – 2.89	2.65 – 2.93	2.70 – 2.98	3.50 – 3.78	299	124.4
4	2.98 – 3.26	3.11 – 3.39	3.15 – 3.43	3.20 – 3.48	4.00 – 4.28	254	144.2
5	3.48 – 3.76	3.61 – 3.89	3.65 – 3.93	3.70 – 3.98	4.50 – 4.78	210	164.0
6	3.98 – 4.26	4.11 – 4.39	4.15 – 4.43	4.20 – 4.48	5.00 – 5.28	165	183.8



ADVANTAGE:

Connectable system comprising 2 spring spindle holders, spindle and up to 6 extension pipes, each with a length of 0.50m

Example: Widening a trench by 1.00m
For this, simply use two 0.50m long extension pipes. There is no need for spindles with fixed lengths.

SBH spindle maintenance

SBH system spindles consist of a cast body with threaded components, manufactured from solid material so that they can withstand higher pressure forces. The flange rings centre the connection between spindle and extension pipe.



By simply pulling off the sealing ring...



... and unscrewing the locking pin...



... the threaded component can be unscrewed.

If the threaded component is cleaned and lubricated once a year, the spindle will remain easy to turn, even after years of use.