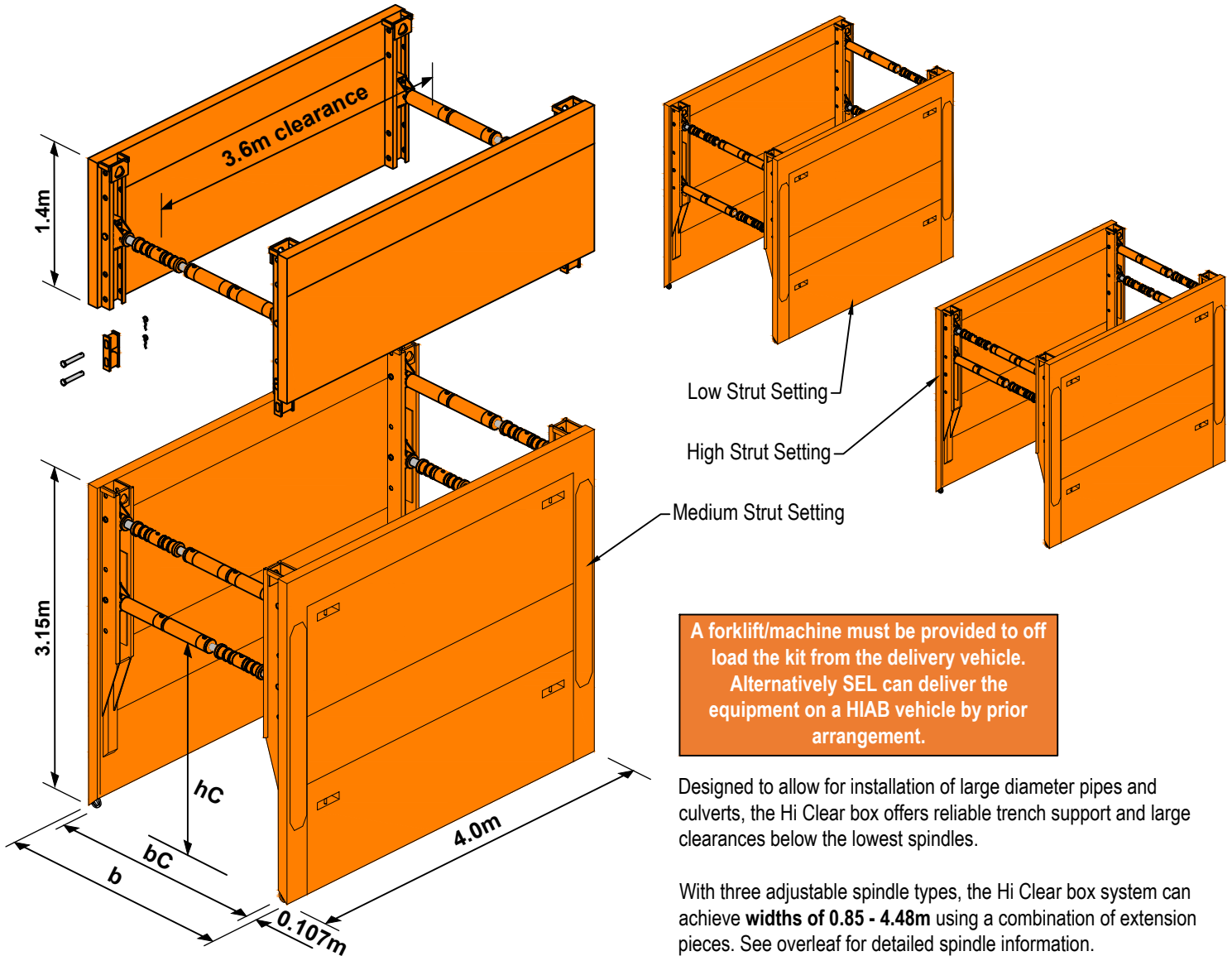


# Hi-Clear Trench Box Information Sheet



A forklift/machine must be provided to off load the kit from the delivery vehicle. Alternatively SEL can deliver the equipment on a HIAB vehicle by prior arrangement.

Designed to allow for installation of large diameter pipes and culverts, the Hi Clear box offers reliable trench support and large clearances below the lowest spindles.

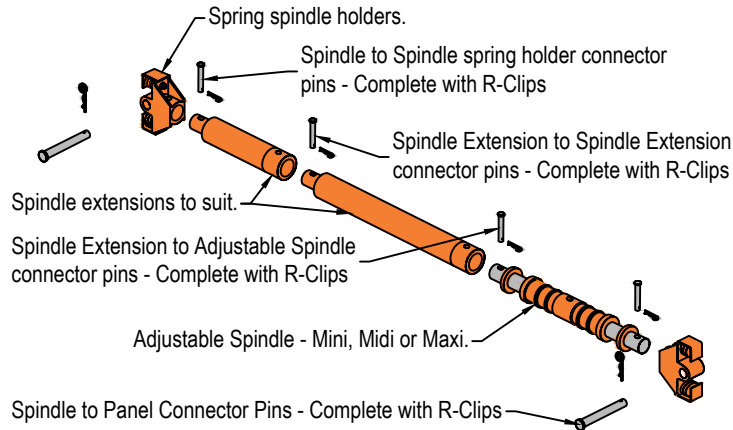
With three adjustable spindle types, the Hi Clear box system can achieve widths of 0.85 - 4.48m using a combination of extension pieces. See overleaf for detailed spindle information.

Bottom Strut Setting	Pipe Clearance Beneath Struts, hC <i>m</i>	Trench Width [ <i>b</i> ] v Permissible Earth Pressure [kN/m <sup>2</sup> ]				
		<2.5m	<3.0m	<3.5m	<4.0m	<4.5m
High	2.29	20.0	18.5	15.5	Contact SEL for advice	
Medium	1.99	35.0	29.5	25.0	20.5	16.5
Low	1.69	35.0	35.0	35.0	28.5	22.5

Box Length <i>L</i> <i>m</i>	Panel Height <i>H</i> <i>m</i>	Maximum Weight per complete box [kg]								
		Mini-0.0	Midi-0.0	Maxi-0.0	Maxi-0.5	Maxi-1.0	Maxi-1.5	Maxi-2.0	Maxi-2.5	Maxi-3.0
4.0	3.15 Base	3455	3483	3516	3595	3674	3753	3833	3912	3991
	1.40 Top	1425	1438	1455	1495	1535	1574	1614	1653	1693

NB: The 1.4m Top panel is from our Standard Trench Box Range

# Hi-Clear Trench Box Information Sheet



Box Spindle Type	Internal Width	External Width	Each spindle contains a spindle adjuster plus the following spindle extensions			Weight
	bC	b	0.5m	1.0m	2.0m	G
	(m)	(m)				(kg)
Mini-0.0	0.65 - 0.75	0.85 - 0.95	0	0	0	50.0
Mini-0.5	1.15 - 1.25	1.35 - 1.45	1	0	0	69.8
Mini-1.0	1.65 - 1.75	1.85 - 1.95	0	1	0	89.6
Mini-1.5	2.15 - 2.25	2.35 - 2.45	1	1	0	109.4
Mini-2.0	2.65 - 2.75	2.85 - 2.95	0	0	1	129.2
Mini-2.5	3.15 - 3.25	3.35 - 3.45	1	0	1	149.0
Mini-3.0	3.65 - 3.75	3.85 - 3.95	0	1	1	168.8
Midi-0.0	0.83 - 1.02	1.03 - 1.22	0	0	0	57.0
Midi-0.5	1.33 - 1.52	1.53 - 1.72	1	0	0	76.8
Midi-1.0	1.83 - 2.02	2.03 - 2.22	0	1	0	96.6
Midi-1.5	2.33 - 2.52	2.53 - 2.72	1	1	0	116.4
Midi-2.0	2.83 - 3.02	3.03 - 3.22	0	0	1	136.2
Midi-2.5	3.33 - 3.52	3.53 - 3.72	1	0	1	156.0
Midi-3.0	3.83 - 4.02	4.03 - 4.22	0	1	1	175.8
Maxi-0.0	0.98 - 1.26	1.20 - 1.48	0	0	0	65.0
Maxi-0.5	1.48 - 1.76	1.70 - 1.98	1	0	0	84.8
Maxi-1.0	1.98 - 2.26	2.20 - 2.48	0	1	0	104.6
Maxi-1.5	2.48 - 2.76	2.70 - 2.98	1	1	0	124.4
Maxi-2.0	2.98 - 3.26	3.20 - 3.48	0	0	1	144.2
Maxi-2.5	3.48 - 3.76	3.70 - 3.98	1	0	1	164.0
Maxi-3.0	3.98 - 4.26	4.20 - 4.48	0	1	1	183.8