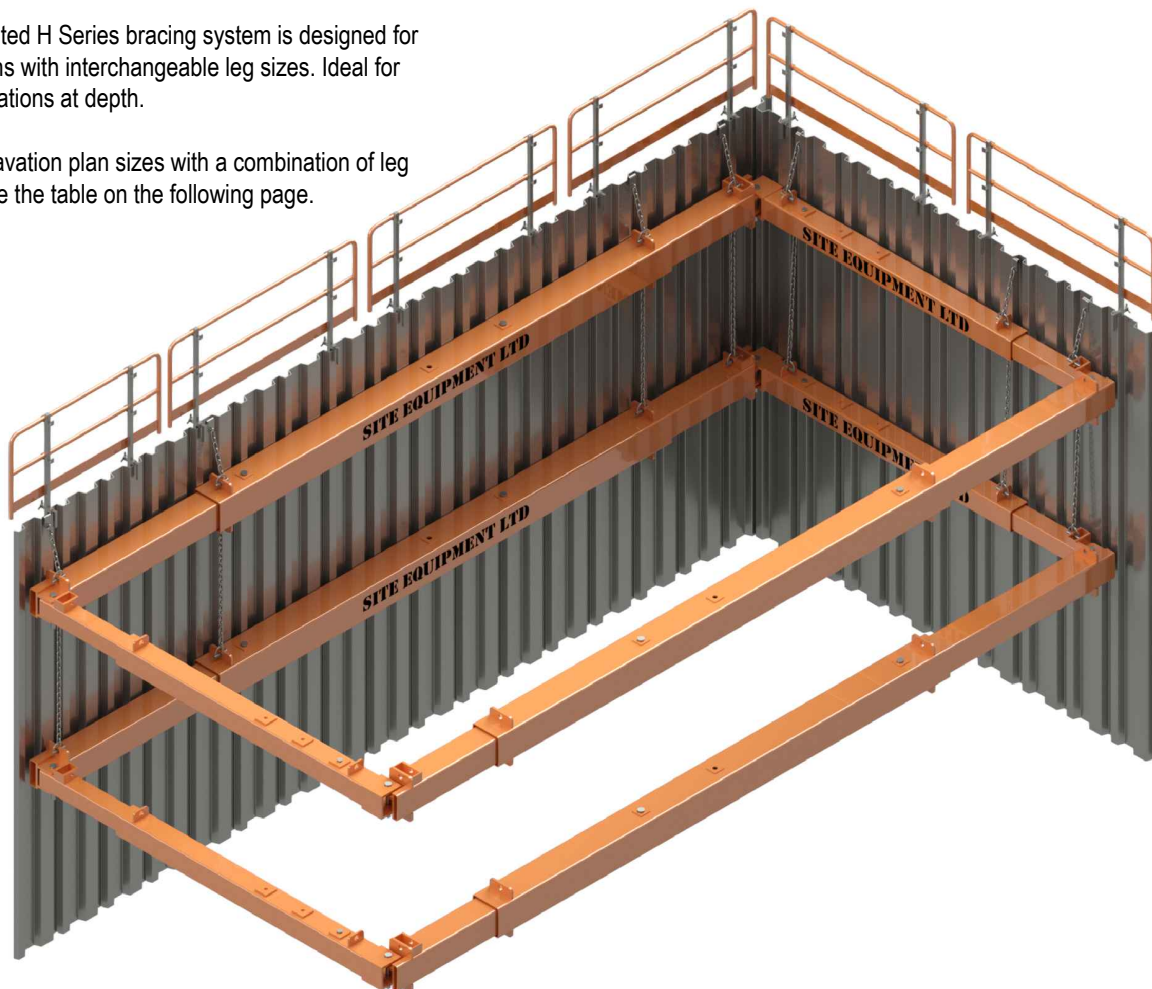


H-Series Information Sheet

Our tried and tested H Series bracing system is designed for larger excavations with interchangeable leg sizes. Ideal for large tank excavations at depth.

For detailed excavation plan sizes with a combination of leg types, please see the table on the following page.



Type	Sheet to Sheet Range	Section Size	Leg Weight	Min Extension	Max Extension
	mm	mm	kg	kN/m	kN/m
H40	3030 - 3830	250	490	108	76
H40X	3000 - 4500	250	550	160	70
H47	3680 - 4480	250	529	86	54
H60	4000 - 6000	250	800	95	41
H75	5500 - 7500	300	1270	70	37
H80	5000 - 8000	300	1276	93	35
H90	7000 - 9000	350	1550	60	35
H90X	7000 - 11000	350	2000	64	25



H40, H47 & H60
Outer Box Section:
250x250 mm



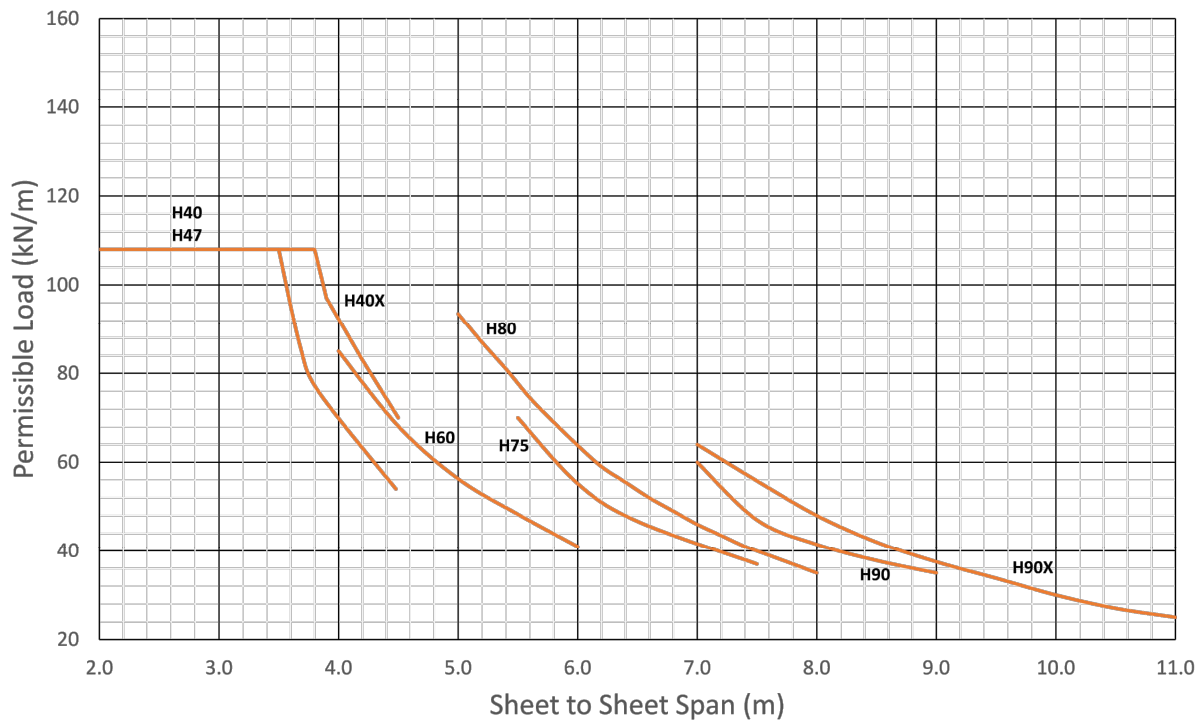
H75 & H80
Outer Box Section:
300x300 mm



H90 & H90X
Outer Box Section:
350x350 mm

H-Series Information Sheet

H Series - Permissible Load Chart



Combined Legs - Sheet to Sheet Ranges

Long side >		250x250				300x300		350x350	
Short side		H40	H40X	H47	H60	H75	H80	H90	H90X
250x250	H40	3030 - 3830	3000 - 4500	3680 - 4480	4000 - 6000	5400 - 7400	4900 - 7900	6800 - 8800	6825 - 10825
		3030 - 3830	3030 - 3830	3030 - 3830	3030 - 3830	3130 - 3930	3130 - 3930	3230 - 4030	3205 - 4005
	H40X		3000 - 4500	3680 - 4480	4000 - 6000	5400 - 7400	4900 - 7900	6800 - 8800	6825 - 10825
			3000 - 4500	3000 - 4500	3000 - 4500	3100 - 4600	3100 - 4600	3200 - 4700	3175 - 4675
	H47			3680 - 4480	4000 - 6000	5400 - 7400	4900 - 7900	6800 - 8800	6825 - 10825
				3680 - 4480	3680 - 4480	3780 - 4580	3780 - 4580	3880 - 4680	3855 - 4655
300x300	H60				4000 - 6000	5400 - 7400	4900 - 7900	6800 - 8800	6825 - 10825
					4000 - 6000	4100 - 6100	4100 - 6100	4200 - 6200	4175 - 6175
	H75					5500 - 7500	5000 - 8000	6900 - 8900	6925 - 10925
						5500 - 7500	5500 - 7500	5600 - 7600	5575 - 7575
350x350	H80						5000 - 8000	6900 - 8900	6925 - 10925
							5000 - 8000	5100 - 8100	5075 - 7925
	H90							7000 - 9000	7025 - 11025
								7000 - 9000	6975 - 8975
350x350	H90X								7000 - 11000
									7000 - 11000

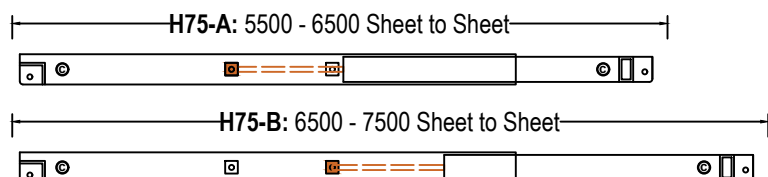
Example - Combining H90 with H47 Leg
Long side (H90) range: 6800 - 8800mm
Short side (H47) range: 3880 - 4680mm

Internal Clear Dimensions
Subtract section width from dimensions above.
H90 (350mm) 6300 - 8300mm
H47 (250mm) 3380 - 4180mm
Please note this makes no allowance for deflection.

H-Series Information Sheet

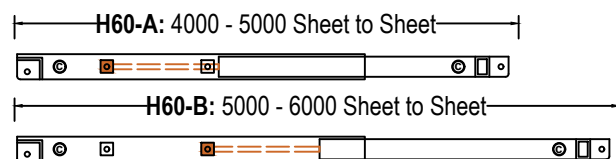
H75 Double Acting Brace

Leg Weight = 1270kg



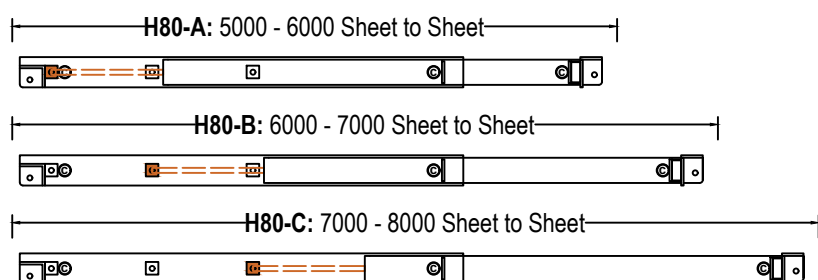
H60 Double Acting Brace

Leg Weight = 800kg



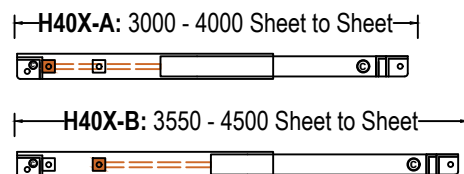
H80 Double Acting Brace

Leg Weight = 1284kg



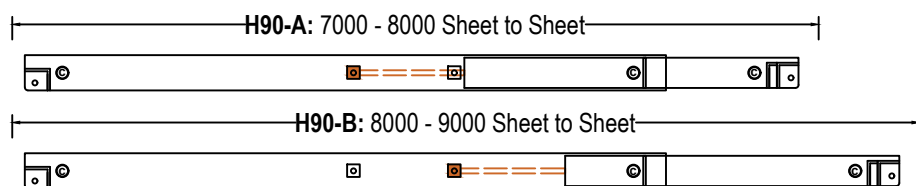
H40X Double Acting Brace

Leg Weight = 550kg



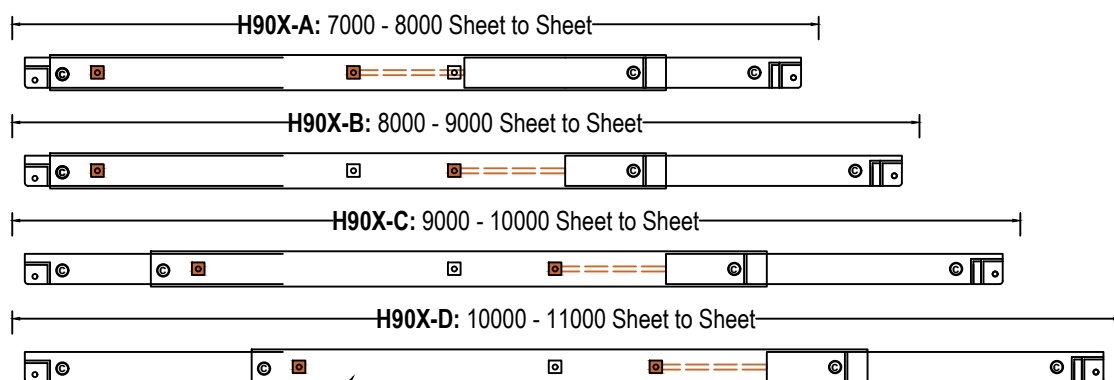
H90 Double Acting Brace

Leg Weight = 1550kg

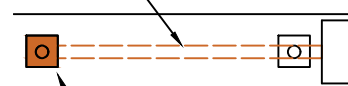


H90X Double Acting Brace

Leg Weight = 2000kg



Extension Ram



Pin location

Coarse Pin - H90X Only