

# TECHNICAL DATA SHEET

## Aluminium Waler Allowable BM = 18.6kNm (FOS 1.5)

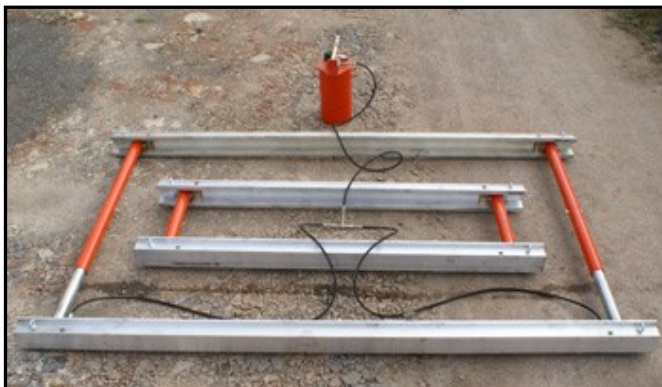


Extruded aluminium waler rails are available in 3m & 5m lengths, typically designed for 2-sided support of trench runs.

Suitable for light duty applications, simple to assemble, two sided, hydraulic bracing system. Designed to be used with steel trench sheets – ideal for small trenches, for the safe installation of utilities.

The walers are compact, easily installed hydraulically-expandable shoring units

Struts comprise of single acting hydraulic cylinders, with lock off valves, to achieve trench widths of between 565mm and 3800mm (sheet to sheet).



Description	Length (mm)	Width (mm)	Safe Working Load Moment (kNm)	Max length between struts (mm)	Weight (Kg)	Sheet to Sheet Width (mm)
3m Aluminium Waler	3000	100	18.6	2450	31.8	565-3800
5m Aluminium Waler	5000	100	18.6	2900	53.0	565-3800

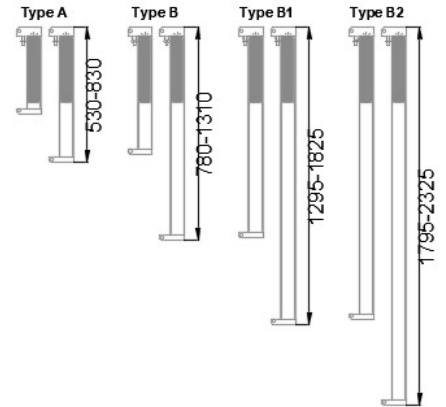
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## Waler Cylinders Hydraulic & Excavation Range



### EXCAVATION RANGES - ALUMINIUM WALER

HYDRAULIC STRUT TYPE	HYDRAULIC RANGE	EXCAVATION RANGE (Sheet to Sheet)
TYPE A	530-830	546-846
TYPE B	780-1310	796-1326
TYPE B1	1295-1825	1311-1841
TYPE B2	1795-2325	1811-2341



### EXCAVATION RANGES - STEEL WALER

HYDRAULIC STRUT TYPE	HYDRAULIC RANGE	EXCAVATION RANGE (Sheet to Sheet)
TYPE A	530-830	834-1134
TYPE B	780-1310	1084-1614
TYPE B1	1295-1825	1599-2129
TYPE B2	1795-2325	2099-2629

