

TECHNICAL DATA SHEET

System 30




A functional and cost effective, medium duty hydraulic bracing system – suiting medium sized cofferdams.

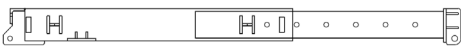
Double acting hydraulic jacks, combine with a range of fixed length extensions & struts, to enable a quick installation and final removal.

Unique, pre-cambered beams, enhancing clear span openings and minimising beam deflection when loaded.


Hydraulic Ram Unit	
Material	Domex $F_y = 690\text{N/mm}^2$
Length (Pin to Pin)	2130mm – 3350mm
Weight	750kg
Axial Hydraulic Capacity	50t
Maximum Moment	390kNm
Maximum Shear	1600kN
Maximum Axial Load	440kN



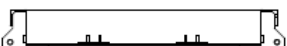
Mechanical Unit	
Material	Domex $F_y = 690\text{N/mm}^2$
Length (Pin to Pin)	3050mm – 4570mm
Weight	800kg
Maximum Moment	390kNm
Maximum Shear	1600kN
Maximum Axial Load	440kN



1000mm Waler	
Material	Domex $F_y = 690\text{N/mm}^2$
Length	1000mm
Weight	425kg
Joint Capacity (Sagging)	350kNm
Joint Capacity (Hogging)	115kNm
Maximum Shear	1600kN
Maximum Axial Load	440kN



2500mm Waler	
Material	Domex $F_y = 690\text{N/mm}^2$
Length	2500mm
Weight	665kg
Joint Capacity (Sagging)	350kNm
Joint Capacity (Hogging)	115kNm
Maximum Shear	1600kN
Maximum Axial Load	440kN



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