



Safety/Operating Instruction Sheet

Lifting: *Jacks : Hydraulic and Manual*

Updated March 2010

Operation:

There are three types of Jack: one which is designed to lift on the head or the integral toe, whereby the load can be placed on either; the second type of Jack is where the load can only be placed on the head, and the third type of Jack is where the load can be placed on the head or the removable toe but there is a de-ration occurring that de-rates the load on the toe. The last type of Jack has a separate claw, with the jack itself having a forward foot – the load on the toe of separate claws will be 40% of the SWL of the head of the jack

*Please ask our Hire Desk Staff to recommend the best jack for the application.

Incorrect Operation:

Never raise the jack so high that it is no longer vertical.

Never put the Jack sideways on to the load – always place the length of the foot towards the load. Never attempt multi-point lifting unless you are sure that all the Jacks are being used at the same time. Failure to do this will impose additional load on one or more of the Jacks, dependent upon the distribution. Never attempt to lift a load with a jack unless you are sure that the Jack is capable of the load imposed. Never work under a jacked load.



Cable Drum Jack	3T/6T Capacity On pair
Hydraulic Jack	6T,10T,20T,25T,30T,60T,100T H.O.L 152mm & 305mm
Head/Toe Rotational Jack	S.W.L 5T H.O.L 25-230 + 368-573mm S.W.L 10T H.O.L 25-233 + 413-646mm
Ratchet Jack	S.W.L 5T H.O.L 38-279 + 406-647mm S.W.L 10T H.O.L 51-369 +559-877mm S.W.L 15T H.O.L 64-509 + 710-1155mm
Hydraulic Rams	Stroke Capacity ranges up to 5T - to more than 100T 50mm,100mm,150mm,250mm

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