



Safety Bulletin - March 2020

Mechanical Lifting

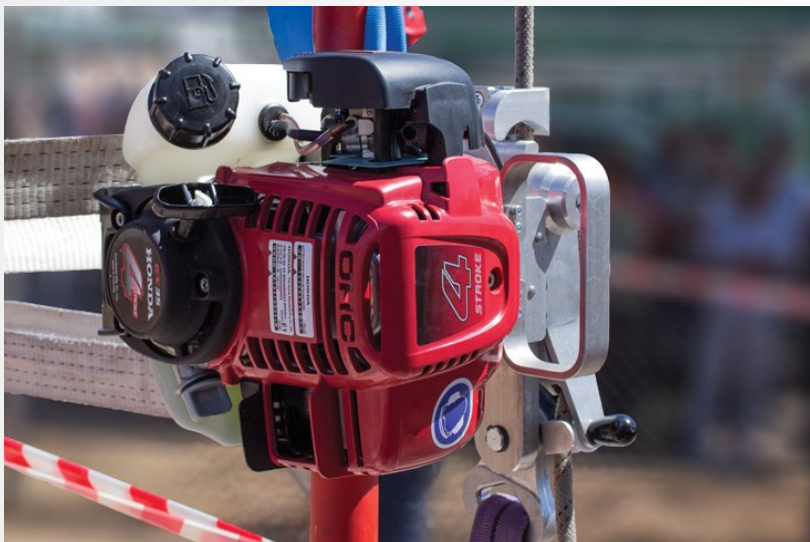
In an industry where there is a continuous concern of objects being dropped from height, it is important to ensure that the appropriate system is used for the task. When lifting loads exceeding the weight of those within the scope of rope rigging, Mechanical Lifting is the recommended solution.

Due to additional forces on gear and usage error, rope rigging is not sufficient to handle weights more than 100kg. It is recommended that any rigger in the telecommunications industry lifting loads of up to 500kg, such as dishes, clustered antennas or tower members must be deemed competent in Mechanical Lifting.

Mechanical Lifting moves out of the realm of 'work at height' techniques and tools to lift objects, it rather focuses on heavy lifting principles, equipment and means to do rigging.

During Mechanical Lifting, a candidate will receive theoretical training and practical training. During the practical training, the candidate will be exposed to various methods of lifting and the safe principles to follow.

We train using tried and tested methods throughout the industry, old and new, including the use of the Eder Power Winch 500, a petrol motorised ergonomic Mechanical Lifting system which will lift objects of up to 500kg, allowing the rigger to operate the winch from a safe distance. The Eder Winch is rated to lift objects as it includes a non return system that prevents the weight from an uncontrolled descend.



For more information on these systems and solutions, contact info@gravitygh.co.za or visit www.gravitygroupholdings.com.