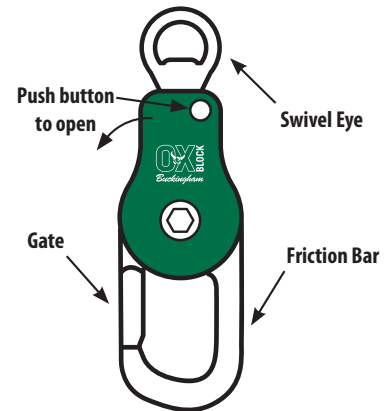


OVERVIEW

The Buckingham OX Block is a rope snatch block with an integrated friction bar used for lowering loads, snubbing loads, and raising loads. It allows the rigging professional to handle loads with greater control. When lowering loads, tension is transferred from the worker to the OX Block. The OX Block replaces standard handline blocks, parted blocks, and various snatch blocks. The OX Block also has greater Working Load Limits than blocks of similar size.



CONFIGURATIONS

Figure 1:
Common

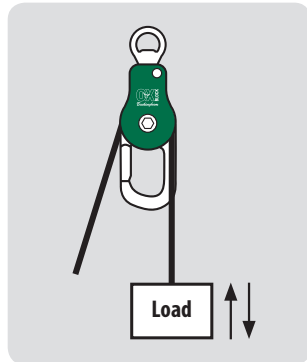


Figure 2:
Lowering Load With Friction

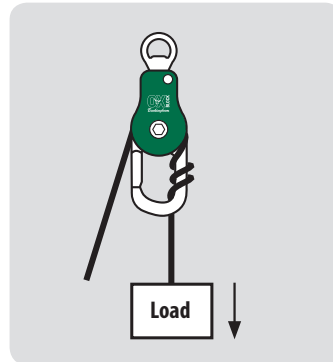


Figure 3:
Snubbing Load

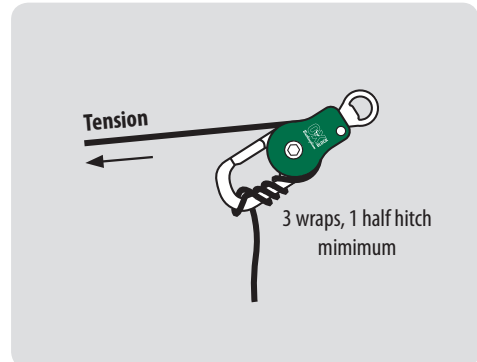
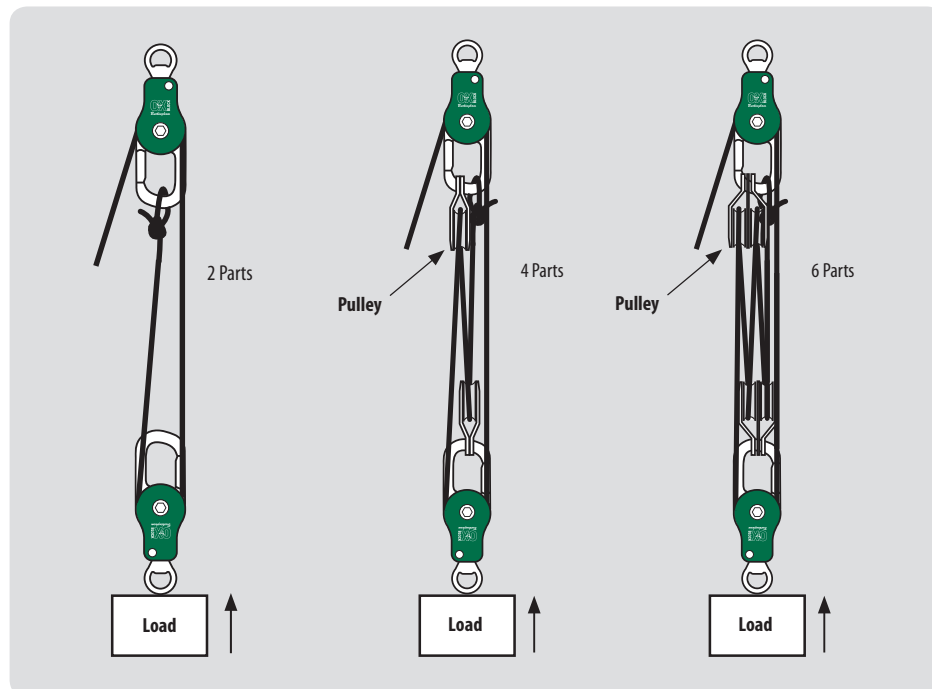


Figure 4:
Raising Load



WATCH THE VIDEO



www.buckinghammfg.com/OX

FRICITION ASSISTANCE

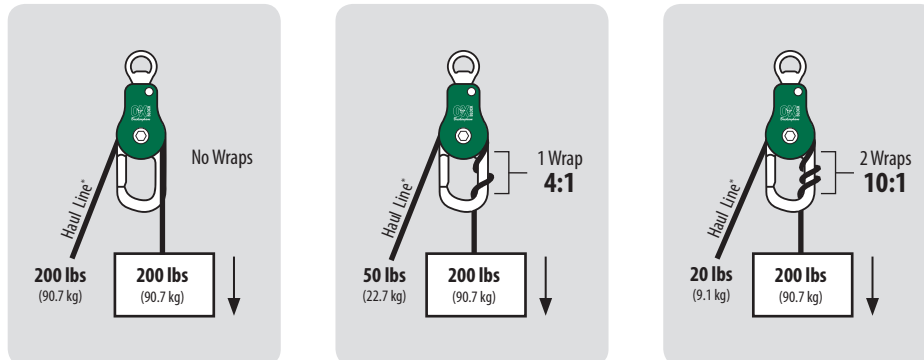
For lowering loads with friction assistance, wrap the rope around the friction bar as shown:



Two times through the gate (2 audible clicks) provides one full wrap. Three times through the gate (3 audible clicks) provides two wraps.

HAUL-LINE TENSION REDUCTION (WHEN LOWERING LOADS)

On average, one wrap will reduce haul-line tension by a factor of 4:1. On average, two wraps will reduce haul-line tension by a factor of 10:1.



*using 1/2" Duraplex

FRICITION ASSISTANCE CAN BE USED WITH THE OX BLOCK WHEN:

- the load must be lowered under controlled conditions and/or needs to be periodically stopped during descent.
- the weight ground personnel must hold back needs to be minimized.
- rescuing the injured from heights.
- the load can be transferred to the OX Block without having to first lift the load, or the load can be safely lifted by one person and transferred to the OX Block (for heavier loads that need to be lifted before being lowered, configure two OX Blocks into a parted configuration).
- avoiding damage to trees, fences, vehicles (and other items commonly used to reduce friction when lowering loads with ropes) is desired.
- ergonomic benefits are desired for personnel that regularly work with ropes, blocks, and rigged loads.

ATTENTION:

Faceplate must be fully latched, the button engaged and the gate fully closed before applying load.

Friction will vary depending upon on rope material, size and condition. Always test your OX Block rigging in a safe manner to determine hold back force desired and number of wraps you will use on OX Block friction bar.

Haul line tension will vary based on these factors: Diameter of rope, construction of rope, material of rope, clean, dirty, wet or dry rope.

ATTENTION:

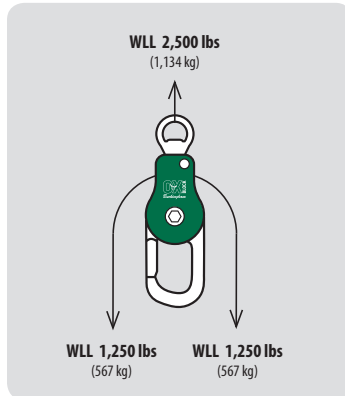
For loads that must be lifted before being lowered, friction assistance should not be used unless one person can safely lift the load, or the load must be lifted mechanically first and then lowered using friction assistance the OX Block.

PROPER USE

Sheave-to-eye and hook-to-eye Working Load Limits must not be exceeded.

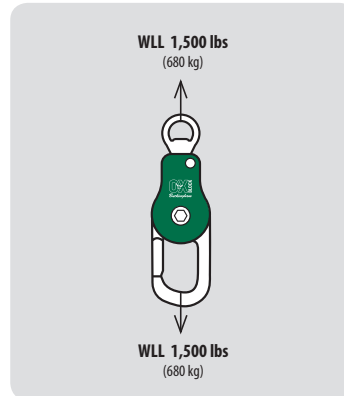
SHEAVE-TO-EYE

MBS = 10,000 lbs (4,536 kg)
WLL = 2,500 lbs (1,134 kg)



HOOK-TO-EYE

MBS = 6,000 lbs (2,722 kg)
WLL = 1,500 lbs (680 kg)



MBS (Manufacturer Breaking Strength) **WLL** (Working Load Limit)

WARNING:

Synthetic ropes only.
Not to be used with
wire rope or natural
fiber ropes.

Maximum rope
diameter is 5/8".

Always use adequate
anchorage.