

# Operation Instruction Manual

## The Cobra Tyre Punch



### **! WARNING**

**Read & understand operators manual before using this machine.**

**Failure to follow operating instructions could result in death or serious injury.**

## Installation

1. Ensure the tyre punch is located on a flat surface.
2. Ensure a sufficient clear area around the machine is provided to ensure a safe working environment to load and unload tyre and to operate the machine.

**Danger injury could arise if the above instructions are not applied**

3. Connect a dry /clean/ regulated and lubricated air supply to the machine ensuring a maximum of 145 psi pressure to the machine.

**Danger injury or death could arise if the above instructions are not applied**

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## Operation (After connection of air supply)

**Ensure that all safety equipment is worn before use of the machine**

**(Safety goggles, long sleeved clothing, boots, gloves)**

### 1. Positioning Tyre onto Machine:

- Lift tyre using appropriate lifting techniques.
- Ensure inner part of tyre (open diameter) is positioned facing the right cylinder unit.
- Slip tyre over cylinder unit, until it reaches the middle of the machine (directly above adjustable rollers & in-between cylinders).
- **DO NOT touch levers with tyre.**
- Rotate tyre so the tyre's outer surface area is lined up facing the two cylinders either side.
- Rest tyre on adjustable rollers.

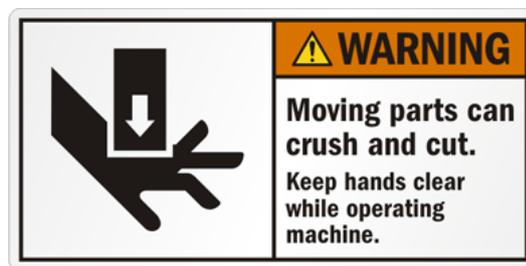


## 2. Adjusting height:

- Once tyre is resting on rollers, height can be adjusted.
- Use winding lever (located at rear of machine) to adjust height.
- Wind the lever until the tyre reaches your preferred/appropriate hole punch height (in line with pneumatic cylinders)
- Once height is reached, use spring loaded lock to lock the height into place (**ensure lock is secure to avoid height disruption & evidently misplacement of tyre**).

## 3. Tyre Rotation:

- To ensure the machines punches a hole in your tyre exactly where you would like, the tyre may need to be rotated after step 2 is complete.
- To rotate the tyre simply, place the palm of your hand on the outer surface of the tyre & pull/roll softly toward you. The rollers will enable ease of rotation so only a soft pull/roll is necessary.
- **Keep hands clear from levers during tyre rotation.**



## 4. Punching Holes in tyre:

- After the previous steps are completed you will be able to punch a hole in the tyre.
- **During the hole punching process you must ensure to keep hands clear of the pneumatic cylinders AT ALL TIMES, failure to do so could result in serious injury.**
- To punch the hole, simply push & hold the labelled levers (both levers at the same time) located on each side of the machine.
- Hold levers forward at the same time until the cylinders have pushed forward to punch the hole.

- After the hole is punched the cylinders need to be reset. To return the cylinders back to their original position. Hold levers backwards at the same time until the cylinders have reverted back.
- After this, lift the tyre off the unit:
- Ensure inner part of tyre is positioned facing the right cylinder unit.
- Slip tyre over cylinder unit, until it reaches the middle of the machine (directly above adjustable rollers & in-between cylinders).
- **DO NOT touch levers with tyre.**



#### **5. Repeat process:**

- If you have multiple tyres of the same size (as set machine to in previous steps) repeat steps 1, 3 & 4 on each individual tyre for premium results.