

PARAMECANIC AB



INSTRUCTION MANUAL

1. The rubber tubing on the front wheel area is a safety precaution for transportation and should be removed before start-up and re-applied before transportation.
2. Connect the machine to an earthed powerpoint 220 V, 10 A. The connection can come from the side or hang down from the ceiling.
3. Insert the key and turn. A blue light will come on. A red warning light will blink. The main motor will start and rotate at its slowest speed - 5 km/h.
4. Press the red button and the revolving-magazine will go into 'start-up mode'.
5. Turn off with the key and all the motors will stop.
6. Assemble magazine-pipe's 1 and 2 according to necessity. Note that the pipes' tracks shall match the corresponding track in the pipe holders. A 45 degree angle backwards – outward.
7. Load pipes with the pucks. Grip 8-10 pucks with two hands, straight from the puckstand and drop the entire stack into the pipe. Balance the stack neatly and follow the pipe with your finger. This procedure allows the pucks to fall freely into the revolver-magazine. A too high free fall might cause the bottom puck to bounce back and stand on edge. When one or more of the pipes is full of pucks (partially or completely) the machine is ready for use. **Take note-** *It is wrong to load the machine with one puck at a time.*
8. You are now ready for your initial trial 'shoot'. Turn the key. Switch the speed to 60 km/ph. Grip both handles and hold the machine steady. Turn it in the direction of the goal. Press the red and green button to feed the pucks into the revolver-magazine. To signal that the pucks are being fed through, you will here a sound-'pling' or see a green flashing light. After two of these sounds, or the blinking of the green light, the first puck will shoot out. After a further 3 seconds, the next puck will shoot out and so forth, until you release the green button.
9. Now you can shoot pucks one at a time by pressing the green button and releasing it immediately after the puck has been discharged. The red button should be held down constantly. If you choose to hold both buttons down, the pucks will be released at 3 second intervals (as described previously) until the magazine is empty. **Take note-** *The transferal from an empty pipe, to a loaded one is detected automatically.* The machine feeds the pucks through from wherever they are accessible.
10. The revolving-magazine has a reverse function. You will use this when a puck will not fall into the magazine, which will cause the driving-belt will skid and you wont hear the sound signal 'pling'. To reverse, press the red and blue button simultaneously for up to 5 seconds. The puck should then fall down and you can restart. Alternatively, disconnect the pipe and with the use of the protective tool, retrieve the faulty puck.
11. To ease the loading of the pucks into an empty pipe, press the red button for a couple of seconds before you start the loading process.
12. Once training is finished, you should make sure to empty both pipes and the revolver-magazine. There are 6 pucks in the magazine.

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13. Switch the machine off by turning the speed to 0 and then turn the key.
Hertz Window- A small window located on the panel shows the actual speed in hertz.
14. To disengage the machine, in case of a sudden emergency, press the 'quick-stop' button, which is located on top of the machine and is red. Press down with your whole hand. To restart, turn the key to 'OFF' mode and lift the 'quick-stop' button. Resume start-up from point 1.
15. **Important-** You must **always** lower the speed to 0 and turn off the machine totally before collecting the pucks or walking in front of the machine. A puck retriever is an accessory which comes with the machine and with two arms pushes the pucks back to the puckstand. Through collecting the pucks into the stand, you benefit by:
 1. snow, water, sand and gravel comes off easily.
 2. being able to see the amount of pucks and any eventual damaged pucks.
 3. making it easier for you to collect a stack of 8-10 pucks, by lifting them between 2 fingers and dropping the stack into the pipe.

The best puck type is the well-used training puck, such as a street puck of many years use. Damaged pucks are not a problem. If the puck is damaged to the extent where the plastic has been pushed beyond the regular perimeters of the puck, cut off the protruding plastic and file down for further use.

PUCCO can be favourably used on ice, and works well on wood, short grass, plastic and painted or brushed concrete. Use a bucket of water to wash off eventual sand or gravel from pucks.

If the width of your training ground allows, you have the possibility of training 2 or 3 goalies at the same time, by positioning the goals alongside one another with 4 metres gap between each. The distance to the goal is determined by the coach, but further than than the blue line will not produce the best results.

The machine can hold between 1-60 pucks.

It's a good idea to test the pucks that you plan to use by dropping them into a separate pipe before putting them into use. **Take note-** *that the pipe is mildly conical and the lower, narrow part is also the most critical.* Pucks that have been tested should be separated. **Tip-** *if you mark them with a red painted dot on each side, it's easier to keep track of them.*

Fresh, new pucks are often somewhat soft, which may hinder an easy drop through the pipes. Beware of international pucks, as the measurements (diameter, etc.) varies.

For pucks that have become soft from sunlight, or are sandy, simply put them in a bucket of cold water.

Make sure that the inner wall of the pipes remain free from rubber coating. To remove the rubber coating, use a new toilet-brush and soapwater.

If the machine is used inside on a dry floor – for example tennis, volleyball, street hockey or plastic ice, then you **should spray water**, with a simple spray bottle, **into the pipes** before putting the pucks in. This can be repeated between every new load of 60 pucks is placed into the pipes

This is a short version of the Instruction Manual, which we will be revising regularly. We hope that you will make good use of and find much pleasure in using your PUCCO 60 or PUCCO 70. We would value any suggestions you may have on an improvement to the machine, or manual.

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Good luck!
Best Wishes

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