



Walking Snow Plow



LoboCNC

[VIEW IN BROWSER](#)

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Summary

Sometimes you just need to clear a narrow path to walk on, or for car tire tracks, and you don't want to clear your...

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Sometimes you just need to clear a narrow path to walk on, or for car tire tracks, and you don't want to clear your whole driveway. Especially if you have 300' of driveway. You can push this plow easily at walking speeds, and because it pushes the snow to the side, you never have to lift it. Your back will thank you. Good for snow up to 8" deep. It works best on snow that hasn't been compacted yet, but you can muscle it through some clumps.

It's a BIG print. You need at least a 325 x 325mm print bed, and a spare 24 hours or so to print it. (I used 0.53mm lines, 0.3mm layer thickness, and a print speed of 3600mm/min.) You'll also need a 4 1/2" long x 5/16"/8mm dia. bolt for the axle, four 1" x 1/4"/6mm dia. bolts for mounting the broom handle socket, and one standard threaded broom handle.

Watch it go at:

Note: for use on smooth surfaces, the wheel assembly is not really needed. But for uneven surfaces, like the gravel driveway in the video, the wheels help keep the blade above the surface irregularities.

Print Settings

Printer:

UDIO

Rafts:

No

Supports:

No

Resolution:

0.2mm

Infill:

20%

Filament:

Inland PLA

Category: Outdoor & Garden

Model files



plow.stl



plow-wheel.stl



plow-socket.stl

[Find source .stl files on Thingiverse.com](#)

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