



## DATA SHEET

MAY 2016

### EXTENSION SET FOR K8200

ORDER CODE: K8206

Think big, print big! Thanks to the hackable character of the K8200 you can now enlarge the build plate to a size of 40 X 20 cm (15.75 x 7.9 inch). WARNING! This K8200 3D Printer add-on set requires highly technical skills and is intended for experienced makers only.

#### FEATURES

- kit includes all necessary parts to upgrade your K8200
- includes a 4 mm tempered glass panel bed of 40 x 20 cm
- software: Repetier version 0.84 and up [www.repetier.com](http://www.repetier.com)

#### SPECIFICATIONS

- power supply: 15 Vdc
- technology: FFF (Fused Filament Fabrication) for PLA and ABS
- linear ball bearings: 8 and 10 mm (0.314" and 0.393")
- dimensions of printable area: 20 x 40 x 20cm
- FTDI USB: 2.0 to Serial
- typical printing speed: 60 mm/s
- maximum print speed: 150 mm/s (depending on the object to be printed)
- extruded aluminum profiles: 27.5 mm / 1.08" wide
- movement: 4 NEMA 17 stepper motors
- resolution:
  - nominal mechanical resolution:
    - X and Y: 0.015 mm / 590.55 µm (smallest step the printing plate can move in the X and Y direction)
    - Z: 0.781 µm / 30.74 µm (smallest step the printing plate can move in the Z direction)
  - nominal printing resolution:
    - wall thickness (X,Y): 0.5 mm / 0.019"
    - layer thickness (Z): 0.20 - 0.25 mm / 0.0078 - 0.0098"

