

Global Village Construction Set – Design and Prototype Cost Estimates

Machine	Design/Prototype Costs
3D Printer	<i>external design</i>
3D Scanner	\$45,000
Aluminum Extractor	\$150,000
Backhoe	\$45,000
Bakery Oven	\$45,000
Baler	\$45,000
Bioplastic Extruder	\$45,000
Bulldozer	\$105,000
CEB Press	<i>completed</i>
Cement Mixer	\$9,000
Chipper/Hammermill	\$15,000
CNC Circuit Mill	\$3,000
CNC Precision/Multi-machine	\$50,000
CNC Torch Table/Router Table	\$15,000
Dairy Milker	\$30,000
Dimensional Sawmill	\$29,000
Electric/Motor Generator	\$45,000
Gasifier Burner	\$45,000
Hay Cutter	\$15,000
Hay Rake	\$30,000
Hydraulic Motors	\$45,000
Induction Furnace	\$150,000
Industrial Robot	\$22,000
Ironworker Machine	\$45,000
Laser Cutter	\$45,000
Metal Rolling	\$150,000
Micro-Combine	\$90,000
MicroTrac	\$45,000
Modern Steam Engine	\$90,000
Nickel-Iron Batteries	\$90,000
Open Source Automobile	\$90,000
Open Source Truck	\$90,000
Pelletizer	\$9,000
Plasma Cutter	\$45,000
Power Cube	<i>completed</i>
Press Forge	\$45,000
Rod and Wire Mill	\$150,000
Rototiller	<i>completed</i>
Soil Pulverizer	<i>completed</i>
Solar Concentrator	\$30,000
Spader	\$45,000
Steam Generator	\$45,000

Tractor	<i>completed</i>
Trencher	\$15,000
Universal Auger	\$9,000
Universal Power Supply	\$150,000
Universal Seeder	\$30,000
Universal Welder	\$45,000
Well-Drilling Rig	\$45,000
Wind Turbine – 50kW	\$150,000
Total	\$2,531,000