

The Metal Lathe (Build Your Own Metal Working Shop From Scrap, Volume 2)

David J. Gingery

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David J. Gingery : The Metal Lathe (Build Your Own Metal Working Shop From Scrap, Volume 2) before purchasing it in order to gage whether or not it would be worth my time, and all praised The Metal Lathe (Build Your Own Metal Working Shop From Scrap, Volume 2):

0 of 0 people found the following review helpful. Not without value, but underwhelmingBy Jeff EvartsNiche technical how-to books are something I love to indulge in. Unfortunately this book doesn't discuss how to build a metal lathe from cast parts and scrap. Instead it lists what parts go into a lathe and how to assemble them. There's a difference. Given the nature of book 1 and the series itself, I had hoped that this would be a second step of bootstrapping where you cast or handmade a lot of parts, but alas it is not. Not bad, but not what I had hoped for given the title.Compare this text to Instruments of Amplification: Fun with Homemade Tubes, Transistors, and More or The Manual for the Home and Farm Production of Alcohol Fuel which I feel are good examples of niche geek-texts.0 of 0 people found the following review helpful. the real dealBy CustomerDavid was a brilliant man. Great work. Glad to have it.

Using castings from your charcoal foundry (see Book 1: The Charcoal Foundry by David Gingery) and simple hand methods (no machine tools needed!) you can build a sturdy and accurate bed for a metal lathe. Then additional castings, common hardware items and improvised equipment will add the headstock, tailstock, carriage and all the remaining parts to complete the lathe. Illustrated with photos and drawings to show you all you need to know about patterns, molding, casting and finishing the parts. The lathe specs. include a 7" swing over the bed and 12" between

centers. Adjustable tailstock with set-over for taper turning. Adjustable gibs in sliding members and adjustable sleeve bearings in the headstock. A truly practical machine capable of precision work. Once you have a foundry to cast the parts and a lathe to machine them you can tackle more exotic projects.