



**LUMBER WORLD**

'A Destination for your Imagination'

# AMERICAN WALNUT

Walnut heartwood showcases a spectrum from pale brown to dark chocolate, with occasional grey, purple, or reddish tones. Known for its easy workability, it's favored for furniture, cabinetry, and more. While highly durable against decay, it is susceptible to insects. The wood's unique figured patterns make it a premium choice, although it may be pricier due to narrow board widths.

Its rich brown color, coupled with excellent stability and strength, contributes to its popularity among U.S. woodworkers, sometimes even considered an alternative to darker hardwoods like ebony.





## AMERICAN WALNUT

### SPECIFICATIONS

Common Name(s)	American walnut
Scientific Name	Juglans nigra
Distribution	Eastern United States
Tree Size	100-120 ft (30-37 m) tall, 2-3 ft (.6-1 m) trunk diameter
Average Dried Weight	38 lbs/ft <sup>3</sup> (610 kg/m <sup>3</sup> )
Specific Gravity (Basic, 12% MC)	0.51, 0.61
Janka Hardness	1,010 lbf (4,490 N)
Modulus of Rupture	14,600 lbf/in <sup>2</sup> (100.7 MPa)
Elastic Modulus	1,680,000 lbf/in <sup>2</sup> (11.59 GPa)
Crushing Strength	7,580 lbf/in <sup>2</sup> (52.3 MPa)
Shrinkage	Radial: 5.5%, Tangential: 7.8%,
Volumetric: 12.8%, T/R Ratio	1.4