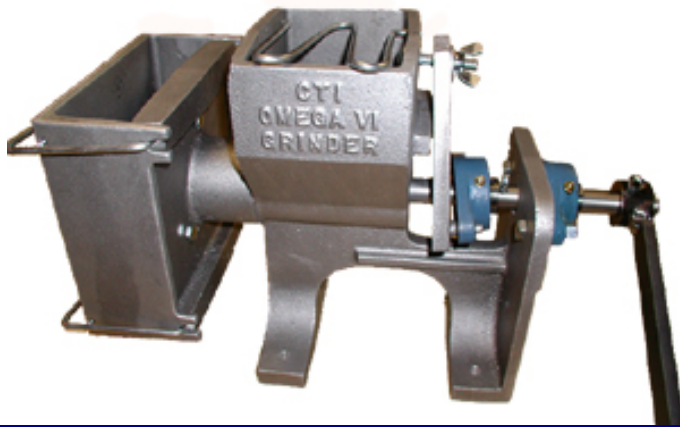


OMEGA VI GRINDER

The **CTI Omega VI Grinder** is a hand-driven burr mill that can make fine flour from various grains and make creamy peanut butter from roasted nuts. It is designed for family use in rural areas of developing countries or for processing crops to sell in the local market. The grinder is very sturdy and may be driven with a hand crank, with pedals, or with a motor at up to six times the normal hand-cranking rate with no discernable wear or failure. It can be easily disassembled for cleaning.

The **Omega VI** is the latest of several designs that have been optimized over the years by CTI engineers. Hundreds of Omega grinders are in use in Africa, Central America, the Caribbean, North America, and Asia. In addition to small grains and peanuts (groundnuts), Omega grinders have been used for grinding dried breadfruit, corn, soybeans, large seeds, coffee, and other crops.



Technical specifications

Size:	18"L x 8"W x 10"H
Shipping weight:	40 lb
Burr size:	4.5" diameter
Burr material:	Machined steel, hardened
Bearings (3):	Sealed, self-aligning
Housing:	Cast aluminum
Auger:	Stainless steel
Crank length:	11.5"
Recommended stand:	30"-38" H 6" W (minimum) 9" L (maximum)
Typical motor:	1.5 HP

Typical OMEGA VI GRINDER Output

in Kilograms per Hour

CROP	PRODUCT	GRINDER SPEED REVOLUTIONS PER MINUTE		
		HAND CRANK 60rpm	PEDAL POWER 85rpm	MOTOR DRIVE 400rpm
ROASTED PEANUTS	CREAMY PEANUT BUTTER	15 KG	21 KG	65 KG
DRY MAIZE	COARSE FLOUR	14 KG	20 KG	150 KG
SORGHUM	HULLED SORGHUM	18 KG	26 KG	100 KG
HULLED SORGHUM	SORGHUM FLOUR	15 KG	21 KG	125 KG

CTI is a nonprofit organization St Paul, Minnesota. CTI designs, adapts, and disseminates simple technologies that add economic value, nutritional value, or value to food quality. These technologies are typically used in rural areas of developing countries by households, local entrepreneurs, women's groups, and small land owners.

***Sharing resources and knowledge
to fight hunger and poverty***

For more information on this technology please contact us.

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