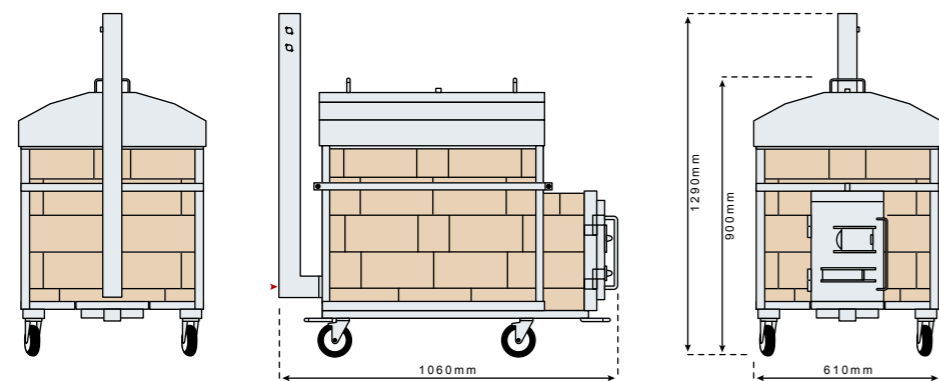




Tatsujin T105

- inner volume of the furnace : 105 ℓ (26.25 gal)
- external size : L=1060 W=610 H=900 (mm) (L=3.48' W=2' H=2.95')
- net weight : 140kg (308 lbs.)
- material properties
 - charcoal kiln / inner : stainless steel
 - exterior : ceramic insulating material & diatomaceous earth bricks
 - base : stainless steel
 - chimney : stainless steel
 - roof : stainless steel & ceramic insulating material
 - casters : stainless steel & rubber wheels



Note : Due to ongoing improvements, specifics are subject to change without notice.

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Tatsujin K405 / K1200
 inclining type

Charcoal making helps prevent global warming by transforming unwanted materials into useful resources.



Foresters and gardeners can make their own charcoal from unwanted wood that they have previously disposed of by burning. In the process of charcoal making, unwanted wood and bamboo is separated into its solid, almost pure carbon component and its liquid component by thermal decomposition. The resulting charcoal can be put to many effective uses such as : a humidity controller, soil conditioner, and decorative objects. The liquid can be processed into wood vinegar.



SPECIAL FEATURES

Easy operation

Inclining also makes easy cleaning possible. Materials can be loaded and unloaded easily by any adult.

Energy saving design

Designed to save energy. Carbonization can be started quickly using only a small amount of wood scraps.

Carbonizing temperature can be controlled freely

Both air inlet & smoke outlet can be adjusted according to your purposes. You can set the duration of carbonization for longer or shorter periods and fine tune the temperature setting to produce lighter or harder charcoal.

Suited to ornamental charcoal manufacturing

Inclining facilitates removal of fragile objects. Ornamental charcoal made from pine cones, chestnut pods and other plant materials is very fragile, but can be removed easily without being damaged.

Movable to any location

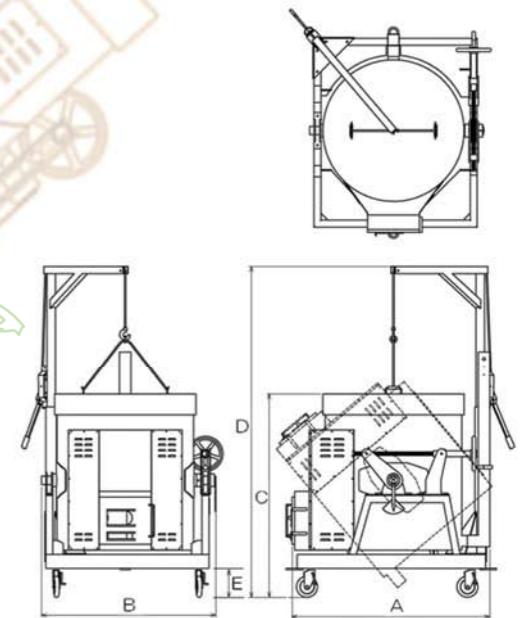
Since it has 4 casters, "Tatsujin" is easy to move. You can practice charcoal making anywhere you like, where it is convenient for you.

Tatsujin K 405

Tatsujin K 1200

material properties

- charcoal kiln / inner : stainless steel (SUS304) & ceramic insulating material
exterior : stainless steel (SUS304)
- chimney : stainless steel (SUS304)
- roof : stainless steel (SUS304) & ceramic insulating material
- push car & roof winch : galvanized steel structure
- casters : galvanized sheet iron & rubber wheels with brake



type	carbonizing room			part size					weight
	inner volume	inner size	external size	A	B	C	D	E	
K 405	405 ℓ (101 gal)	φ 770 mm × 930 mm (2.52' × 3')	φ 979 mm × 1010 mm (3.18' × 3.31')	1430 mm (4.69')	1230 mm (4')	1450 mm (4.75')	2425 mm (7.93')	207 mm (0.68')	360 kg (792 lbs.)
K 1200	1200 ℓ (300 gal)	φ 1200 mm × 1115 mm (3.94' × 3.66')	φ 1512 mm × 1221 mm (4.96' × 4')	1990 mm (6.53')	1840 mm (6.04')	1780 mm (5.84')	2720 mm (8.92')	259 mm (0.85')	840 kg (1852 lbs.)

Note : Due to ongoing improvements, specifics are subject to change without notice.

options



mercury thermometer and its holder



needle type thermometer (thermocouple)



wood vinegar collector



Equipped with a winch for shifting the heavy roof.



By turning the handle slightly, the kiln body can easily be inclined.



The fire box is very efficient, requiring only a small amount of wood scraps without fossil fuels.



The shielding wall directs the heat waves to prevent burning the material, for the highest yield of charcoal.