

# RK•EL Series Raku Kilns

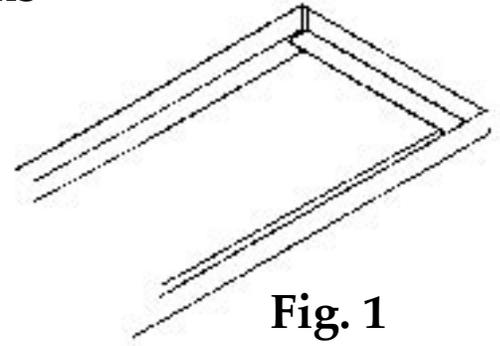
## Assembly Instructions

### Parts List:

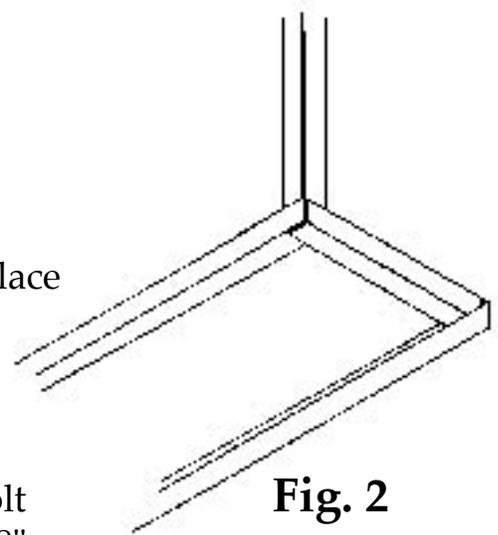
- 4 6ft. Slotted Angle Iron legs
- 4 Angle Iron top rails
- 1 Cross bar with pulleys
- 8 corner braces
- 2 turnbuckles
- 4 "S" hooks
- 1 7 ft. pulley wire
- 1 4 ft. lifting wire with fiber
- 1 galvanized bucket (counter weight)
- 1 bag (30 each) nuts, bolts, washers

### Instructions:

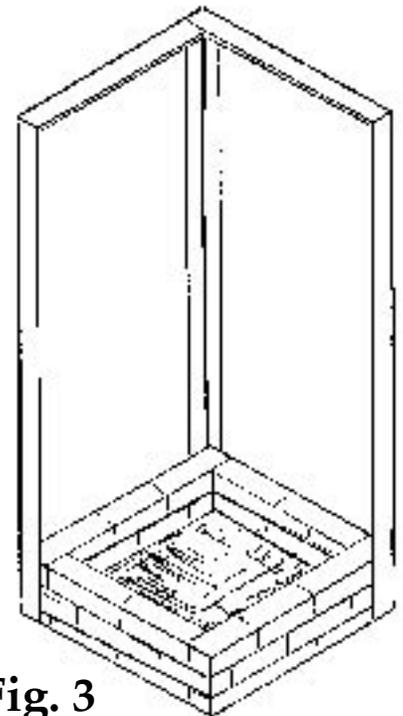
1. Set up bricks according to kiln instructions and place kiln on bricks.
2. Lay out elevator pieces.
3. Take two of the 6' legs and one of the top rails. Bolt together, as shown in **Fig. 1**. The legs should be 18" apart for the RK•EL3 and 27" apart for the RK•EL6. The top rails are intentionally cut 1/2" short to allow the neighboring rails to fit easily.
4. Attach another top rail to one of the legs at a 90° angle, **Fig. 2**. Stand the legs upright.
5. Attach a third leg and place around three of the corners of the brick base. **Fig. 3**
6. Attach another top rail, a leg on the remaining corner, and your remaining top rail. **Fig. 4**
7. Attach the 8 corner braces to all the top corners. **Fig. 5**. Make sure the elevator is straight and square, then tighten all bolts on corner braces, legs, and top rails.



**Fig. 1**

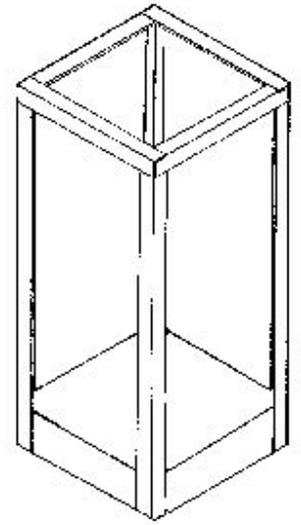


**Fig. 2**

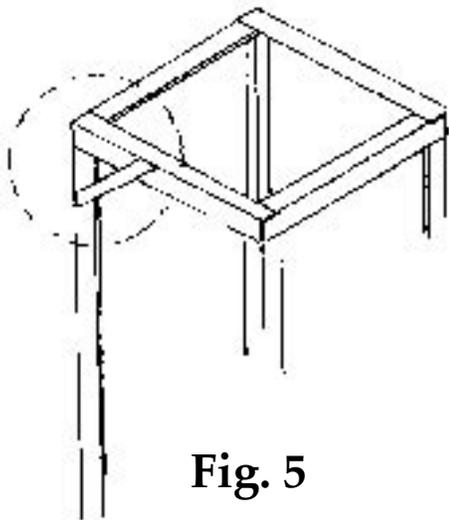


**Fig. 3**

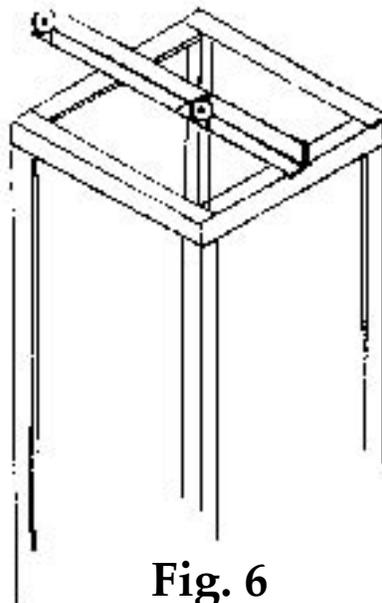
8. Place crossbar on top of the elevator with the pulley wheels centered at 9" for the RK3 and 13 1/2" for the RK6. The end of the crossbar with the pulley extends past the elevator perimeter while the other end is flush with the top rail. **Fig. 6**
9. Rotate the kiln body so that the two protruding bolts at the bottom rim of the kiln are pointed at opposing corners of the elevator gantry.
10. Attach a turnbuckle to each of the protruding bolts and adjust, by turning, so that the eyebolt "rides" in the groove of the gantry leg. **Fig 7**
11. Attach an "S" hook to each end of the lifting wire (short wire with fiber) and attach to the kiln on the eyebolts along the top rim. Hook an "S" hook to the center of the lifting wire and one end of the pulley wire. Run the pulley wire up and over the two pulley wheels on the cross bar. Use the last "S" hook to attach the bucket to the end of the pulley wire.
12. Fill the bucket with sand, grog, bricks, etc., until the bucket weight equals the kiln weight. When the weight are equal, the kiln will stay at whatever height it is placed.



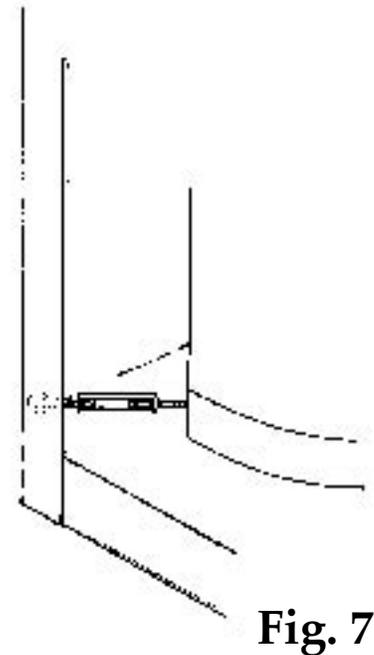
**Fig. 4**



**Fig. 5**



**Fig. 6**



**Fig. 7**