

Re: Lower size limits of the internal combustion engine

Source: <http://sci.tech-archive.net/Archive/sci.physics/2006-09/msg02762.html>

- *From:* jimp@xxxxxxxxxxxxxxxxxxxxxxxx
 - *Date:* Thu, 28 Sep 2006 01:45:03 GMT
-

Brablo <gestureofrespect@xxxxxxxx> wrote:

A typical piston gas engine is about 3.0 L of internal volume. Of course there is no upper limit to this size. However, there should be a lower-limit to this size. I would think that there could never be a 4-CYCLE engine that is quite small, since there would not be enough mass/force generated to initiate the compression cycle.

What do you think?

Is a 4 cylinder, 4 cycle, 0.061 cubic inch engine small enough for you?

<http://www.minimodelengines.com/Feature4C.htm>

The same guy also built a 5 cylinder, 4 cycle radial with the same displacement.

--

Jim Pennino

Remove .spam.sux to reply.

.