# Kerbal Space Program - Bug #13477

## Convert-O-Tron 125 Balance Nonsense Especially Regarding Drill-O-Matic-Junior

12/21/2016 10:56 PM - niklan

| | | | |
|---|---|---|---|
| **Status:** | New | **Start date:** | 12/21/2016 |
| **Severity:** | Low | **% Done:** | 0% |
| **Assignee:** | | | |
| **Category:** | Parts | | |
| **Target version:** | | | |
| **Version:** | 1.2.2 | **Language:** | English (US) |
| **Platform:** | Windows | **Mod Related:** | No |
| **Expansion:** | | | |

**Description**

The current parameters set for the small ISRU unit are total nonsense. The small ISRU uses 5x more resources than the big one to produce 1/2 of the big ones output. So to run the small one you need 5x more BIG drills than for a big ISRU. And now what are the new small drills (Drill-O-Matic-Junior) for that were published together with the small ISRU?

I'd really like to create a craft with small ISRU and drills that makes sense. Of course the small ISRU needs to be slower in a way and that in a way that matches the abilities of the small drills. But not by setting resource needs to 5x that of the big ISRU which makes it totally impossible to use small drills along with it. The small drills are currently useless unless you want to create a millipede looking thing.

First of all, the same amount of input should produce the same amount of output. The only difference between small and big ISRU should be that the small one consumes 5x LESS RESOURCES for 5x LESS OUTPUT per second than the big one. That way the small drills would start to make sense. Likewise the small drills should produce 1/5 of a big drills output (not sure whether the base efficiency % makes them extra slow aside of the max output parameter, didn't test but if it does the small drill would only dig up 1/25 of a big drill for an ISRU that takes 5x more than the big ISRU, total nonsense).

I actually consider the current parameters for the small ISRU a BUG!

### History

**#1 - 12/22/2016 02:59 PM - niklan**

Look at this comment for precise example calculations.
http://forum.kerbalspaceprogram.com/index.php?/topic/153821-convert-o-tron-125-balance-total-nonsense/&do=findComment&comment=2896888
Basically the ration between small and big ISRU is 1:50 which is way too far apart to make any sense to me at all.