

Jabel

Description	An electrical option to transport heavy stuff....
Status	Planning
Contact	fantawams , orimpe
Participants:	everybody

As it is a pain in the ass to transport heavy stuff manually, it is a much smarter solution to transform a hoverboard into something, with which you can transport your stuff.

specs

basic construction:

- steel: 2mm strength
- size: 30mm x 30mm pipes
- place for stuff: 2 Mate crates length and 2 Mate crate wide (80cm x 60cm)
- total weight maximum of 5kg

motor

- 4x4 hoverboard motors, each 250W

controller

- rf controller
- no power ⇒ stop (perhaps in version2)

ideas for future versions

realistic ideas

- led lights to see in the dark
- places to connect other Jabels or to fix stuff (perhaps in version 2), solution in the keep it stupid simple way

crazy ideas

- able to sit on it and drive it like a car
- 8x8 offroad jabel
- towing hitch

Tips for future versions

buy the steel at [Agrifer](#), they will cut the pieces as needed for a cheap price.

Version 1.0

We welded a basic construction out of the steel. As we decided to use only two motors for the first version, we had to improvise a fix for the hoverboard motors. There is a height difference of 9cm between the front wheels and the hoverboard wheels. To have an aligned surface later on, we welded 3 spare pieces together.

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