# Tarnation Inducing Transport System

Requirements

* Objects will be transported in carriages.
* The max weight of the load is 2kg.
* The max dimensions of the carriages are 20x20x5 cm.
* The max weight of TITS is 3kg.
* The max height of TITS with load is 50 cm.
* TITS must be able to carry at least two carriages.
* TITS must be adaptive, it must be able to carry 1 heavy carriage or multiple light carriages.
* Max budget is 100 euro’s.
* TITS must be able to transmit the load within 5 seconds.
* TITS docking
  + TITS must be able to pick up the carriages from the dock?
  + TITS will get the carriages handed to him.

