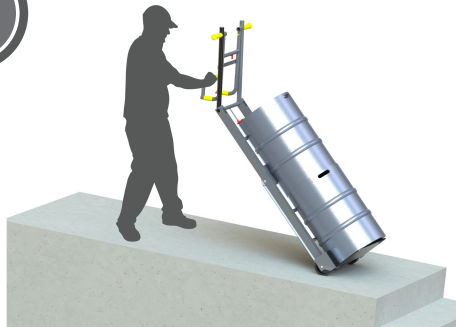


Clydesdale

1



2



3



Team Silver

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 **CLYDESDALE**

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 **CLYDESDALE**

Team Silver
MIT 2.009
2012

The current problem

The majority of bars in Boston, MA have their beverage storage in cellars, as do bars in many other older cities--meaning many kegs and cases must go down stairs. Carrying a 160lb keg down stairs is dangerous.



In 2011, there were 1.6 million recorded injuries, resulting in \$59.4 million of lost labor in the alcohol delivery industry.

The solution

An ergonomic dolly with treads that will safely transport up to two kegs along both level ground and down stairs

Collapsible Handle

Second handle extends to allow more ergonomic grip while traversing stairs

Two-Keg Restraint

Claw secures kegs onto Clydes

Brakes

Ergonomically placed brakes arrest the motion of the treads to add control to descending keg

Treads

Rear-end treads allow controlled descent down stairs at almost any angle

