Lift

Ladder

Silver B
Problem:

- 50–100 lb shingle packs
- 500,000 accidents in roofing
- $11B in injuries
Concerns:

- safe
- efficient
- affordable
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The Question:

Can we build a functional track system that allows the load to safely and smoothly travel up and down a ladder lift?
The Model:
- locking mechanism
- minimal friction
- smooth travel
who?
Market:

- 136,000 professional roofers in 2010
- 18% growth by 2020
- over $850M in ladder sales
wooden shingle hoist
manual
homemade

TranzSporter
gas or electric
$1400–$1900

who else?
- incorporate cranking system
- safe release mechanism
- size/collapsible

what now?
questions?