HammerAssist

Sketch Model Review

Pink B
Problem

- HAVS
- 2.5 million workers exposed daily
- Debilitating
Solution

- Passive spring system
- Attaches externally
- Decouples user
Our Model

• Is it possible to solve this issue with a **passive** system?

• How **effective** will this dampening be?
In Action
What We Learned

• Passive system effective
• Spring must be tuned to user
• Need a compact package
  • Explore air springs
Existing Products

- Gloves
- Electric jackhammers
Market

• Personal Protective Equipment:
  • ~58 billion USD by 2022
  • Hand Protection ~22%
    • 12.76 billion USD target