

# MODIX



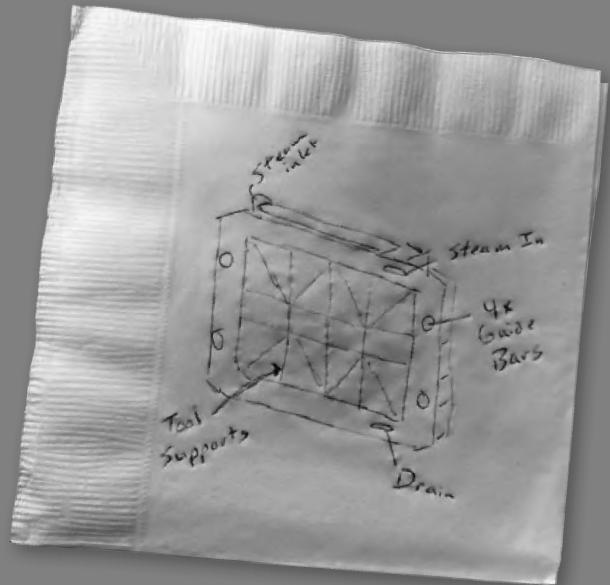
# MODIX

n a p k i n   i d e a s  
hands-on engineering

# Napkin Ideas.

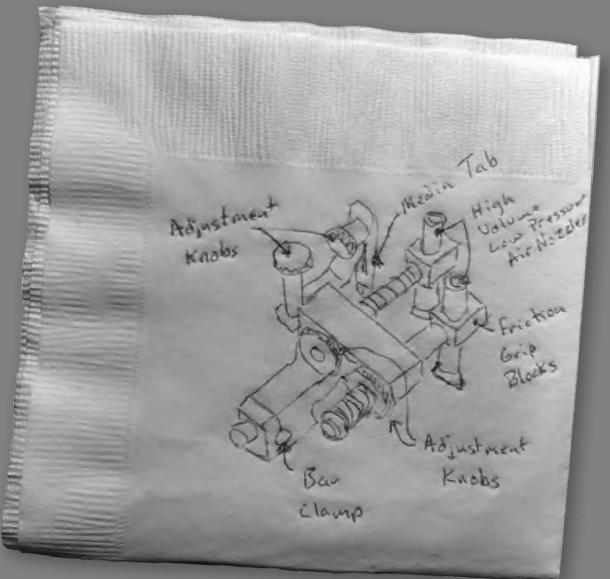
## Customer Vision (High Strength Steel Platen)

- Steel weldment
- Supported by 4 linear guide bars
- Adapt to multiple tools
- Withstand high pressure steam
- Maintain rigidity when hydraulically clamped



## Customer Vision (Air Media Separator)

- Provide easily adjustable air flow
- Clamp on existing machine structure
- Use simple common parts with minimal machining



## The **XIDOM** Approach

- We take a look at the big picture (what do you need to accomplish?)
- We simplify the process
- We bring our office to you (we have 2 mobile solidworks workstations we bring with us)
- We don't sell you something you don't need
  - Only need a concept? We can do that!
  - Want just the design? We would be happy to help!
  - Need a prototype? Not a problem!
  - Need someone to design for manufacturing and source parts? Give us a call!

# Hands on Engineering.

## Companies

Johnson Centrifugal  
Assurance Machine and Tool

Cal-X

Curtis Wright

Oshkosh Truck

SpeedKore

Ultra Fiberglass

Fabick Caterpillar

Boardman Conveyors

Automatan

IAS

Vulcan Manufacturing

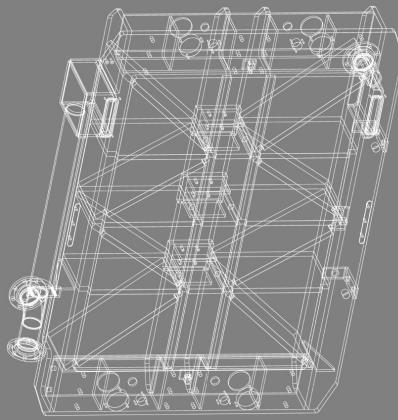
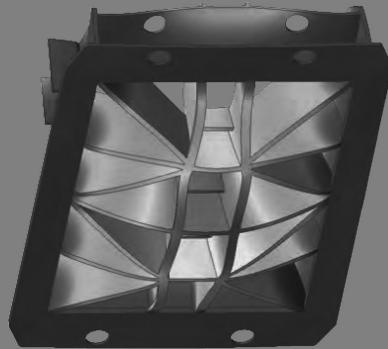
Maysteel

Innovative Machine

MODIX

## Results

- Design optimization
- Deflection and stress analysis
- Full set of welding and machining drawings
- Manufacturing support throughout build process



## Results

- Design optimization
- Full set of manufacturing drawings
- Tool design for manufacturing (simple die design to use common available material for tube manufacturing)
- Manufacturing support throughout build process

