



# OPTIMIZING BREWERY LAYOUT FOR WORKFLOW AND SPACE

*"Solving Layout Challenges & Improving Efficiency on Brewdays"*



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**BREWERY  
LAYOUT  
CHALLENGES**

**WORKFLOW**

**HEIGHT  
LIMITATIONS**

**CUSTOMER  
& BREWERY  
INTERFACE**



# WORKFLOW

- Grain in - Grain out - Placement of Grain Mill, Auger, and Mash Tun



Photo Credit: Orcas Island Distillery (Eastsound, WA)

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# WORKFLOW

- Grain in - Grain out - Placement of Grain Mill, Auger, and Mash Tun
- Orientation: Right Hand vs. Left Hand
- Hard Piping or Soft Piping



Photo Credit: Brewery 26 (Portland, OR)

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# WORKFLOW

- Grain in - Grain out - Placement of Grain Mill, Auger, and Mash Tun
- Orientation: Right Hand vs. Left Hand
- Hard Piping or Soft Piping
- Canning line



Photo Credit: High Seas Mead (Goleta, CA)

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# SYSTEM DESIGN & LAYOUT

- A brewery project must consider The Three B's:
  - **Brewing Style**
  - **Business plan (Budget)**
  - **Building**



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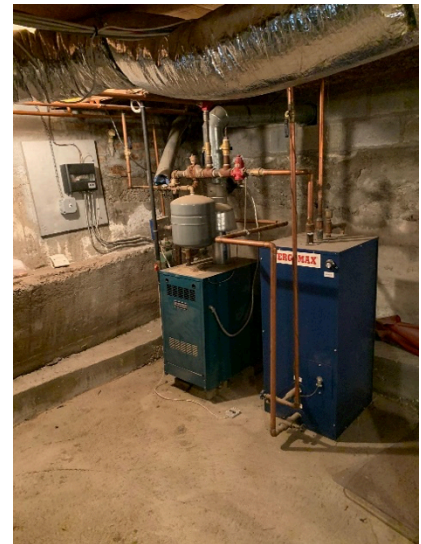
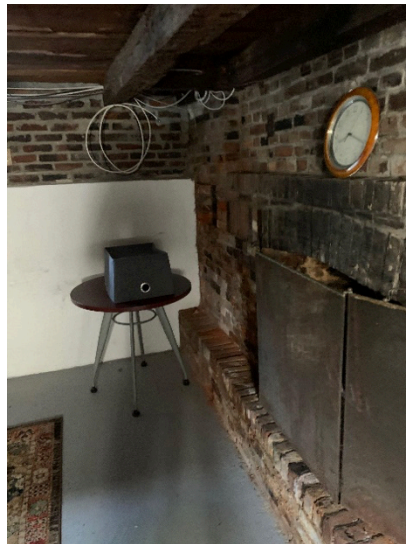
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# SYSTEM DESIGN & LAYOUT

- Determine what equipment you can fit in your space



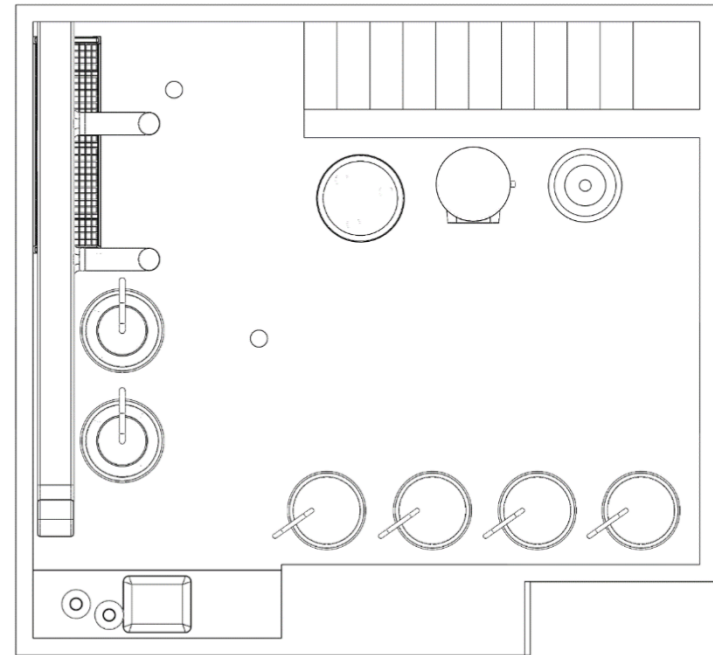
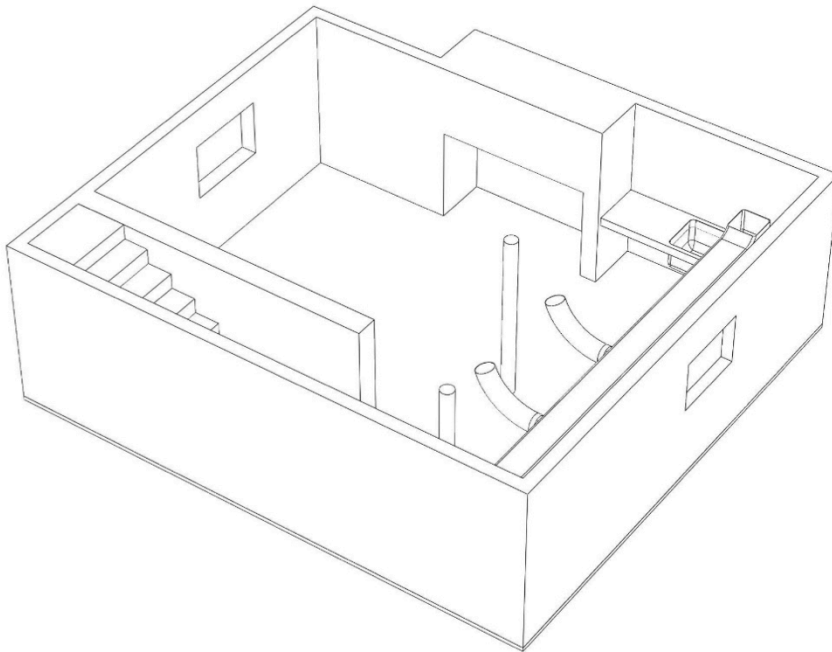
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# SYSTEM DESIGN & LAYOUT



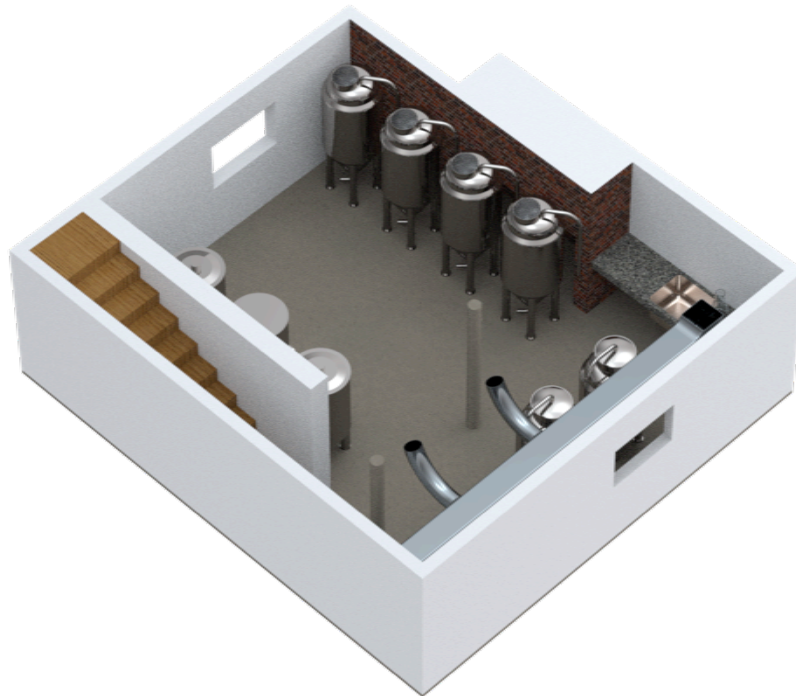
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# SYSTEM DESIGN & LAYOUT



[VIEW IN BROWSER](#)

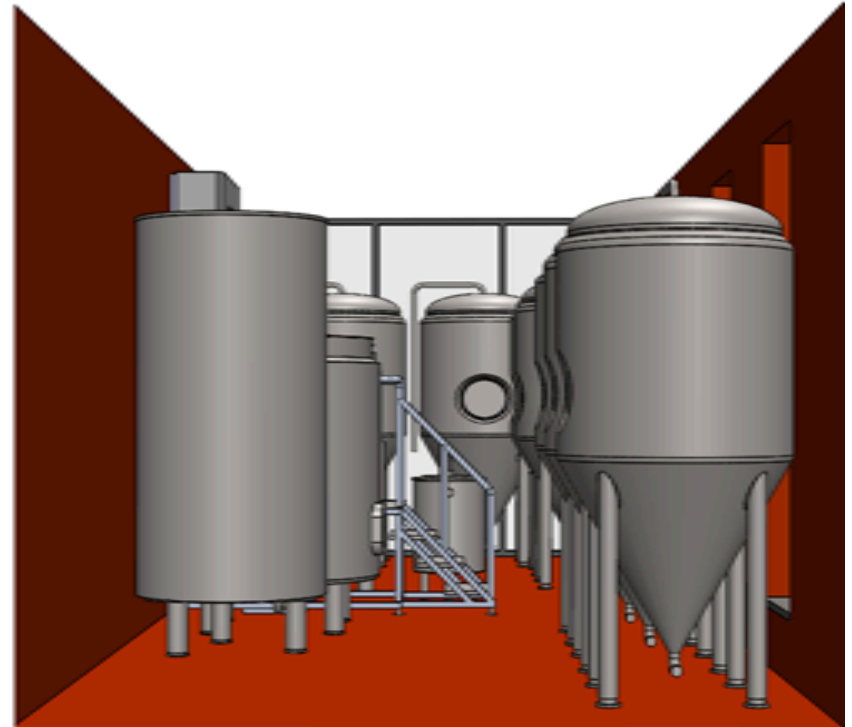
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# SYSTEM DESIGN & LAYOUT



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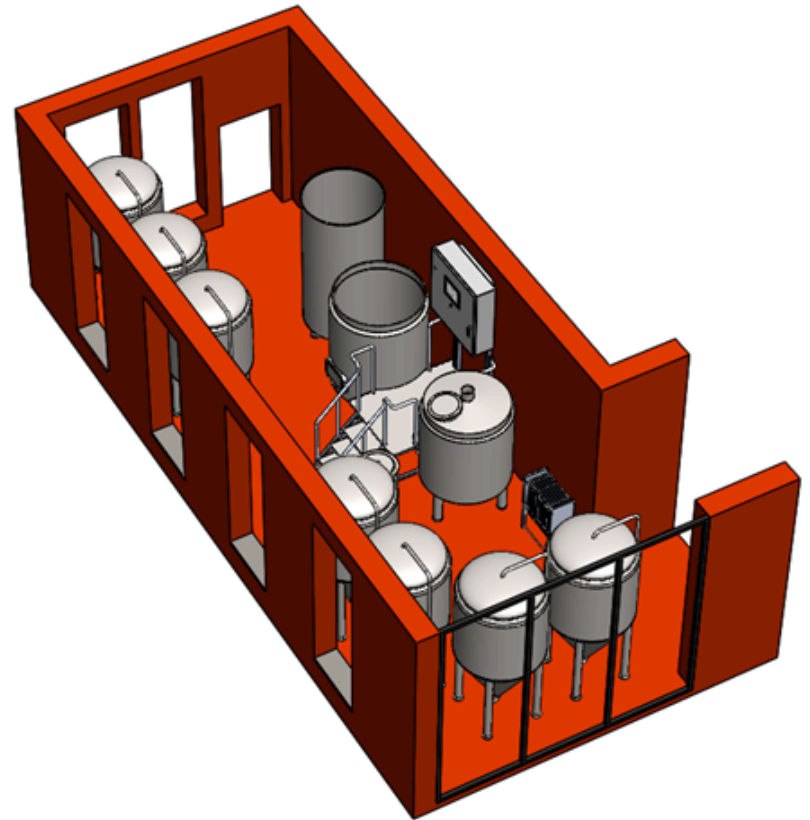
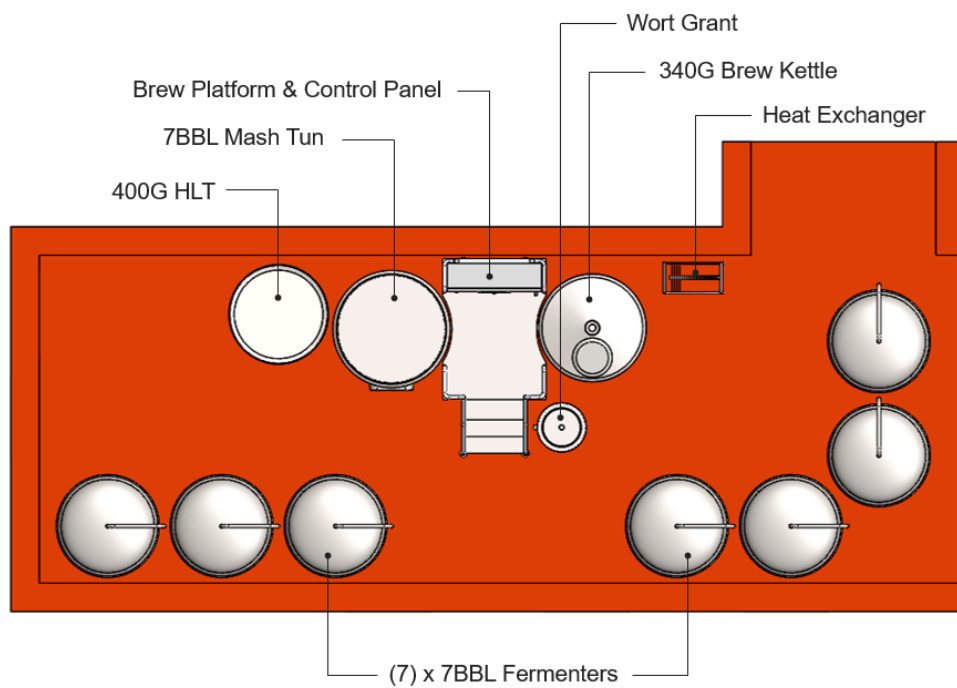
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# SYSTEM DESIGN & LAYOUT



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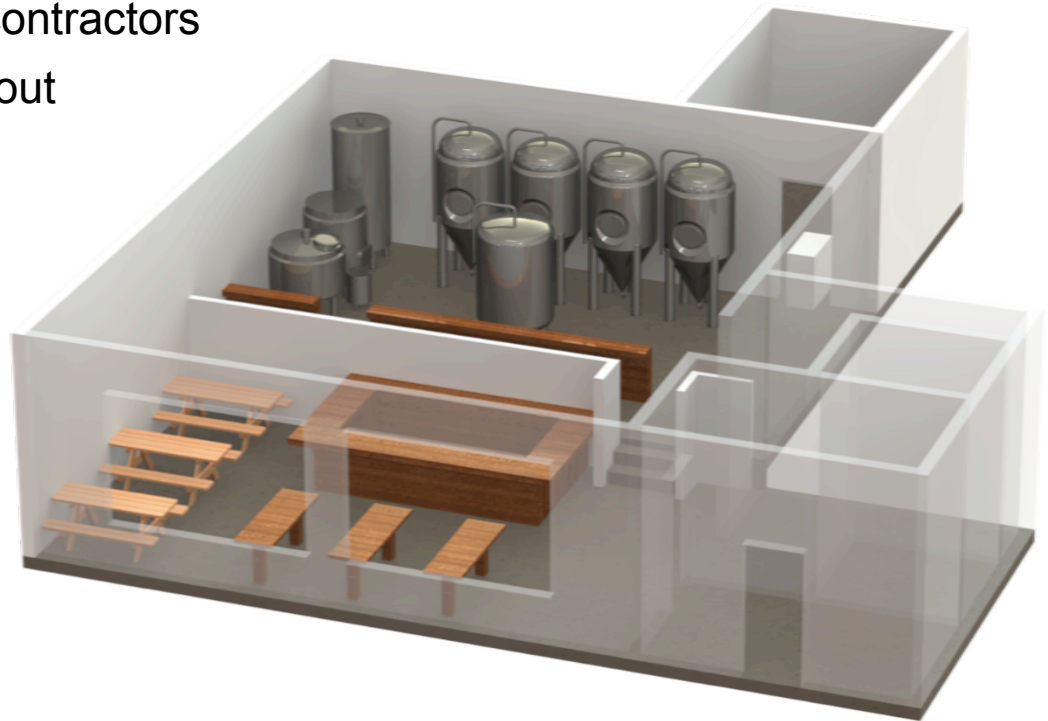
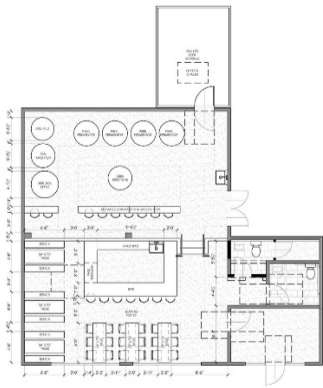
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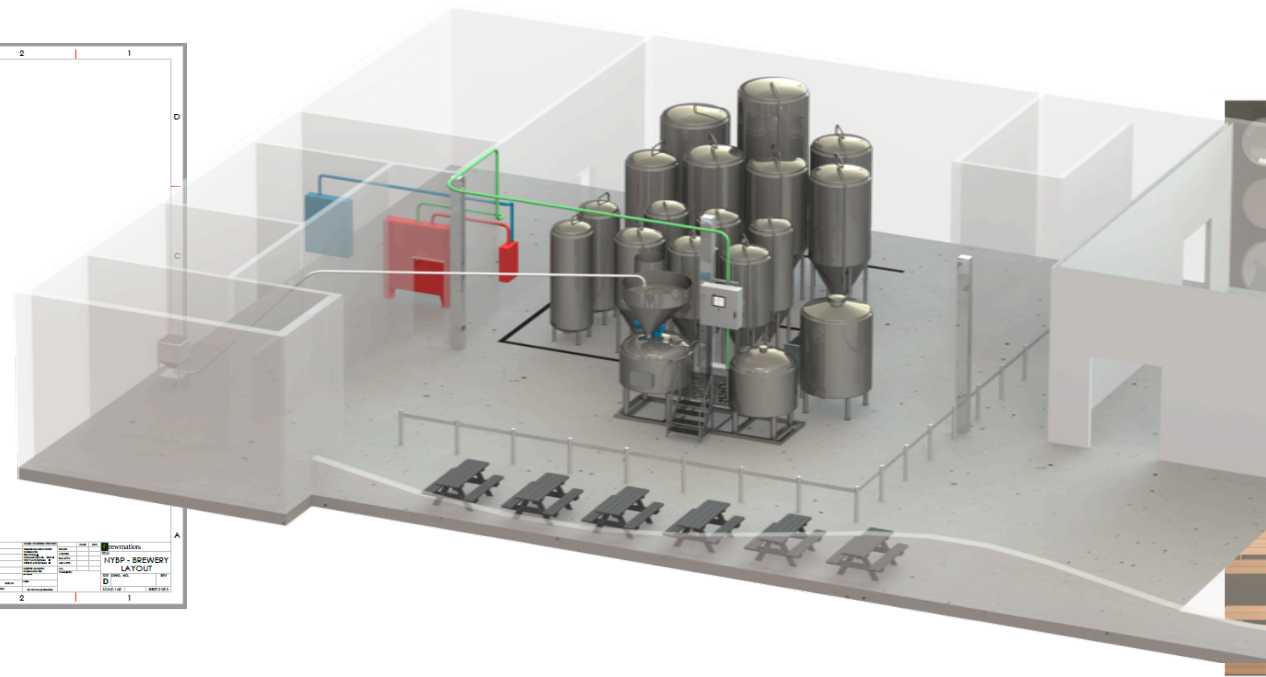
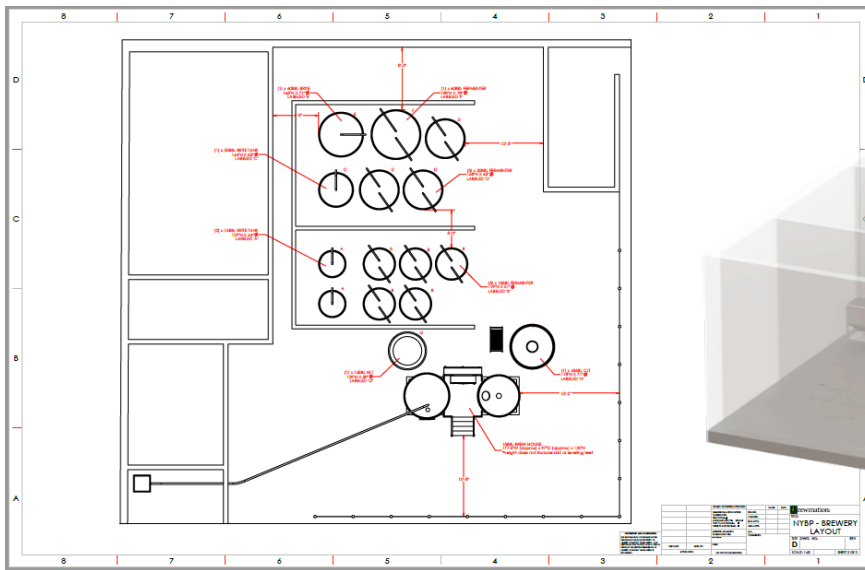
# SYSTEM DESIGN & LAYOUT

- Better support your architect & contractors
- Save time & money during buildout



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# SYSTEM DESIGN & LAYOUT



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# SYSTEM LAYOUT

- Eye candy
  - solicit investors
  - plan view from street or taproom
  - generate early social media buzz



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# HEIGHT LIMITATIONS

- Dual Use Tanks
- Stackable Tanks
- Custom Tanks



Photo Credit: Heckler Brewing (Fayetteville, NC)

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Photo Credit: Little House Brewing (Chester, CT)

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# HEIGHT LIMITATIONS

- Dual Use Tanks
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- Custom Tanks



Photo Credit: Equilibrium Brewing (Middletown, NY)

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# CUSTOMER & BREWERY INTERFACE

- Space Overlap
- Maximize Outdoor Space



Photo Credit: Candler Rail Brewing (Atlanta, GA)

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# CUSTOMER & BREWERY INTERFACE

- Space Overlap
- Maximize Outdoor Space



Photo Credit: Broken Boundary 808 (Honolulu, HI)

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# HARD PIPING -vs- SOFT PIPING

- Hard Piping: Less operating space needed
- Hard Piped vs. Skid
  - A “Skid-less skid” will save you height
  - A hard piped system will save you floor space



Photo Credit: Lost Farmer Brewing (Mineola, NY)

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# HARD PIPING -vs- SOFT PIPING

- Hard Piping: Less operating space needed
- Hard Piped vs. Skid
  - A “Skid-less skid” will save you height
  - A hard piped system will save you floor space
- Soft piping. Cleaning, draining and storing hoses



Photo Credit: OHM Brewing (Golden, CO)



**IMPROVE  
EFFICIENCY IN  
YOUR  
BREWERY**

**STACKABLE  
TANKS**

**DUAL USE  
TANKS**

**ADVANCED  
CONTROLS FOR  
REPEATABLE  
BREWING**



# STACKABLE TANKS

- Less operating space needed
- Save valuable floor space
- 2x fermentation space = expand capacity for both ales and lagers
- Larger tasting rooms
- Sell more pints by the hour



Photo Credit: Simple Days Beer (East Greenville, PA)

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# DUAL USE TANKS

- Less operating space needed
- Combo Tanks
- Custom Options
- Grow Production
- Increase Capacity
- Maximize Space in Brewery



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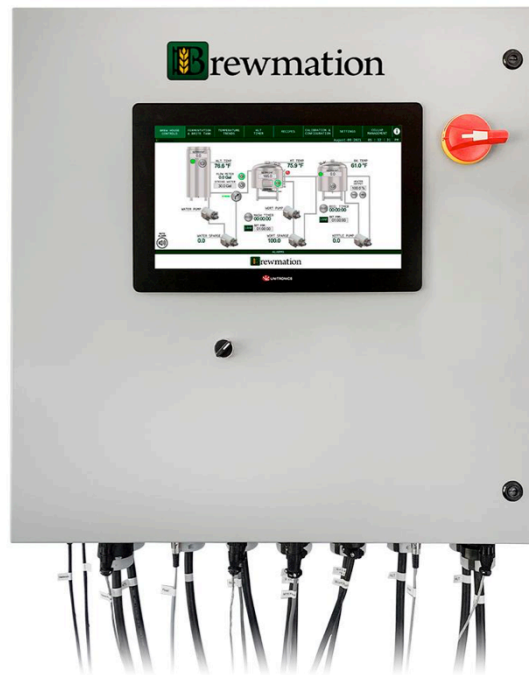
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# CONTROLS & AUTOMATION

- Precision Brewing
- Basic Controls
- Advanced Controls



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