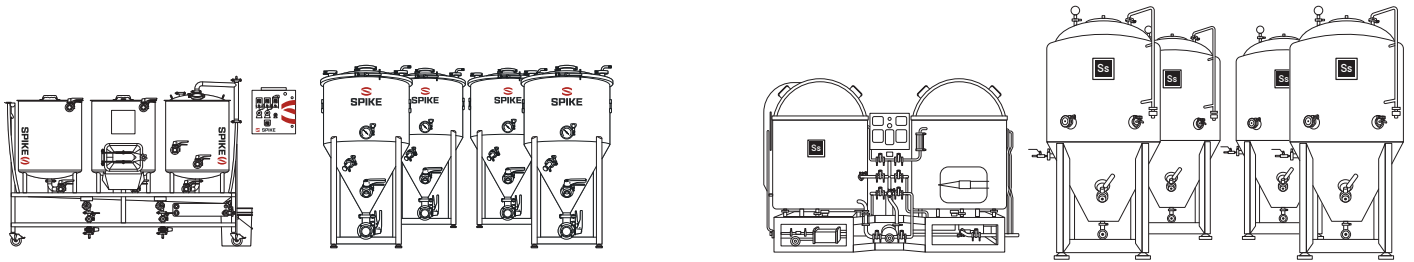
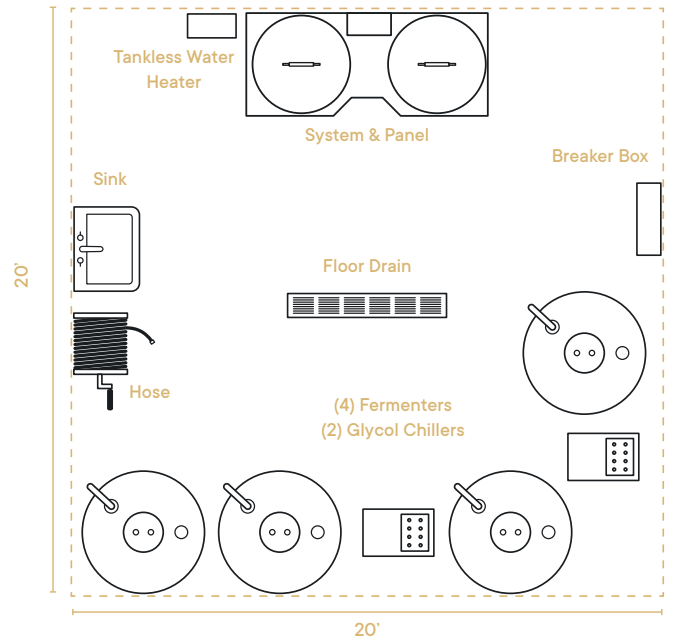
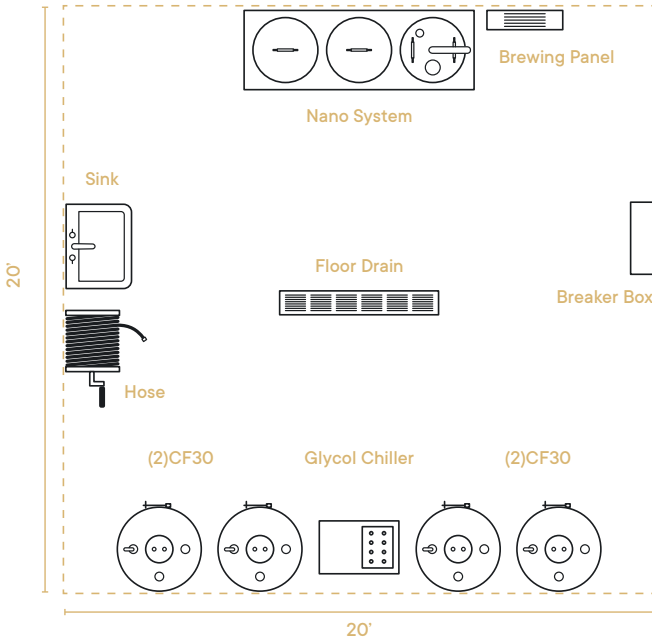


# BREWING SYSTEMS COMPARED



## SPIKE 1BBL NANO BREWERY

## SS BREWTECH 3BBL BREWERY



Spike 1bbl	Product Costs	SS 3bbl
\$17,500	<b>Brewhouse</b>	\$43,995
Included	<b>HLT</b>	\$2,300
\$8,000	<b>4 Fermenters</b>	\$24,795
\$2,000	<b>Glycol Chiller</b>	\$5,198
\$27,500	<b>Total</b>	\$76,289
Spike 1bbl	Extra Costs	SS 3bbl
\$750	<b>Electrical Install</b>	\$1,000*
Free	<b>Shipping (Est)</b>	\$1,500
By Hand	<b>Installation</b>	By Machine**

\* If building has 3 phase. If not, 3 phase install can cost as much as \$8,000.  
 \*\* SS fermenters won't fit through standard doorways - costs can range depending on building. Spike fermenters will fit through standard doorways.

# 3

YEAR

EQUIPMENT LOAN  
AT 5% interest

**\$802/mo**

1  
Barrel

**\$2,225/mo**

3  
Barrel

## BREAKEVEN

Number of \$6 beers needed to sell per month

**1 BARREL**

**134**  
beers per month

**3 BARREL**

**371**  
beers per month

## RECOUP INVESTMENT

Number of \$6 beers needed to sell to recoup investment

**1 BARREL**

**4,813**

**3 BARREL**

**13,350**

## BREWHOUSE COST PER BARREL

**\$35/bbl**

1  
Barrel

**500bbls/yr**  
2bbls (double batch)  
x 5 days  
x 50 weeks

**\$17,500/500bbls = \$35/bbl**

**\$50/bbl**

3  
Barrel

**875bbls/yr**  
3.5bbls  
x 5 days  
x 50 weeks

**\$44,000/875bbls = \$50/bbl**

