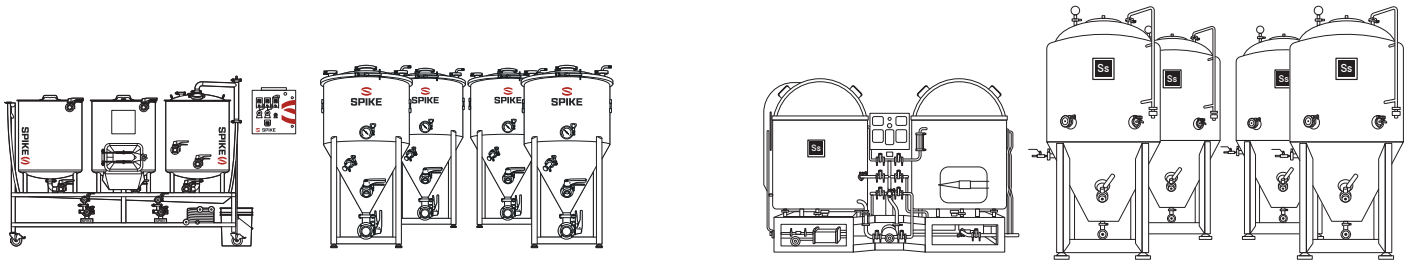
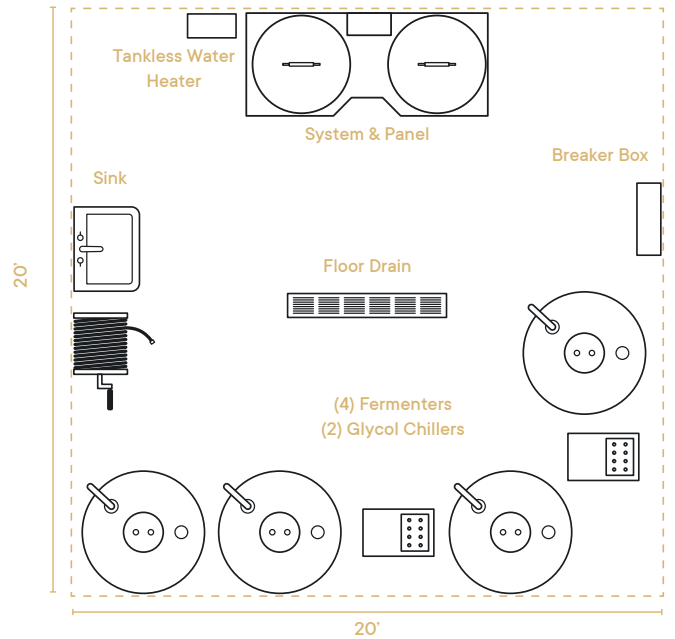
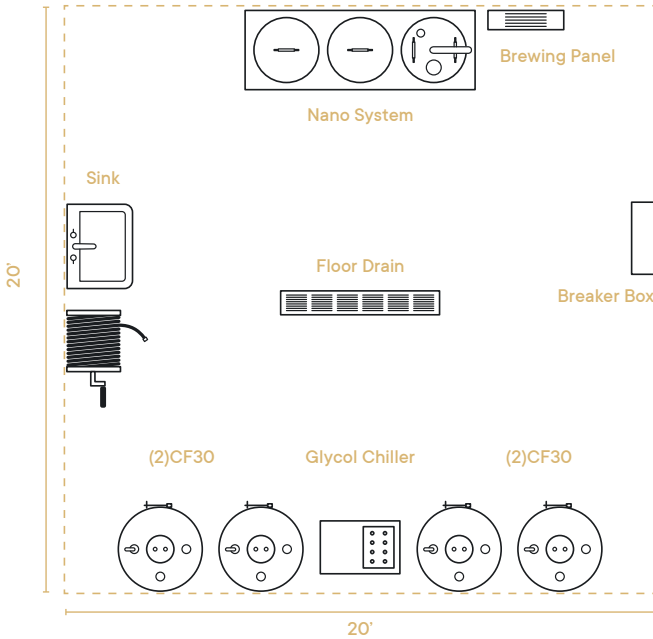


BREWING SYSTEMS COMPARED



SPIKE 1BBL NANO BREWERY

SS BREWTECH 3BBL BREWERY



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

