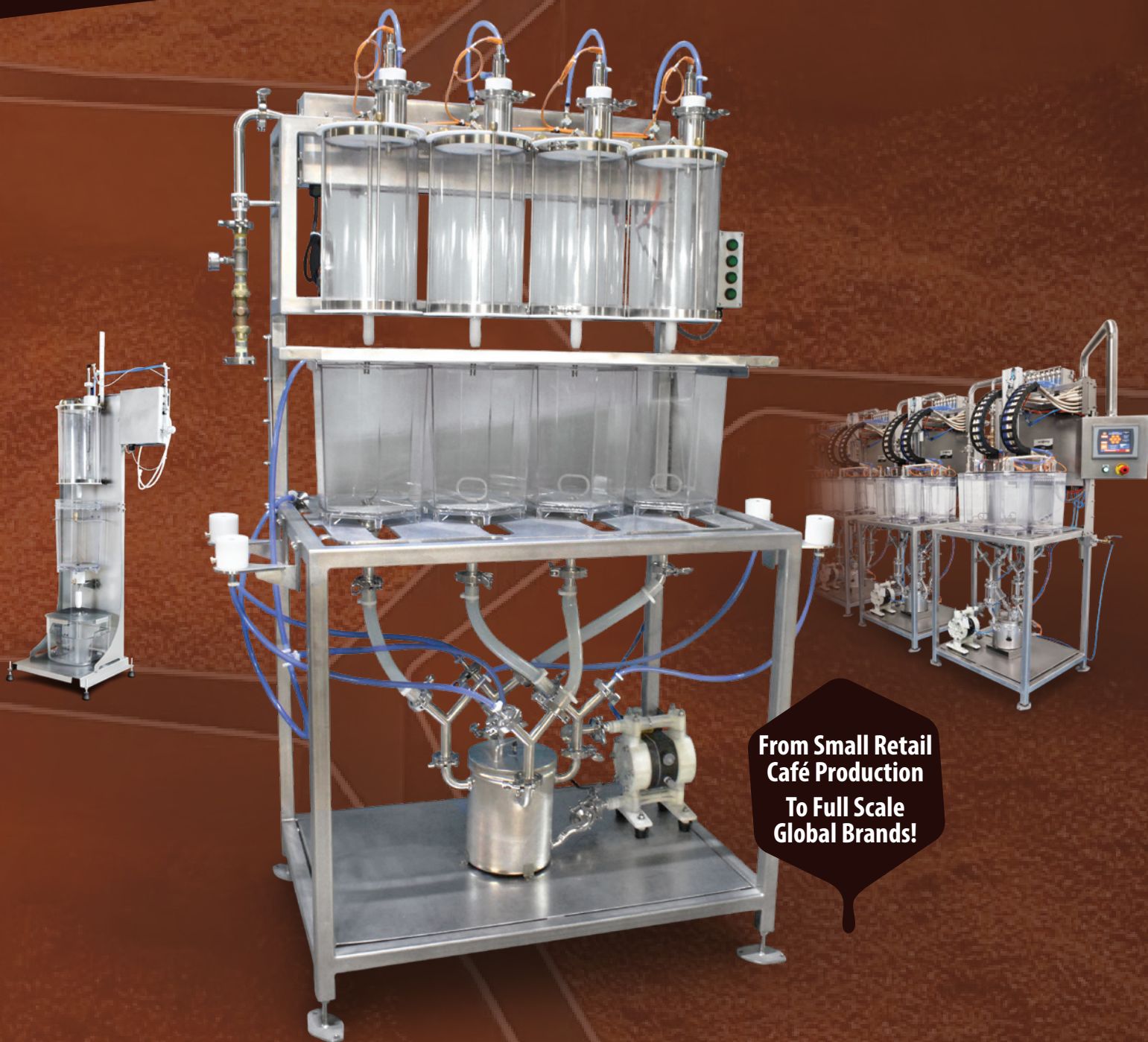


HIVE BREW™

COFFEE & TEA
COLD BREWING SYSTEMS



From Small Retail
Café Production
To Full Scale
Global Brands!

PATENTS
GRANTED & PENDING

The HIVE BREW™ System
A cold brew coffee extraction technology using a "micro-batch" brew cell
process designed to optimize extraction yields at any production volume.

TORR
INDUSTRIES



MANUAL BREW SYSTEMS

HIVE CAFÉ™ 3 & 6, HIVEBREW ONE & 200 SEMI Manual

No Power Required / 20 Min Brew Times

HIVE BREW™ ONE

The HIVE Café ONE creates Espresso strength concentrate that is around 5 times ready to drink strength. The concentrate can be used as a low-cost base for all your cold coffee drinks. Makes great Americanos by adding hot water! Use it for Iced coffee by adding ice and cold water.

The brewer requires no power or gas, it's a controlled gravity flow of water through the coffee bed.



HIVE CAFÉ

The HIVE BREW™ Café is designed for coffee shops and small chains. The fast gravity cold drip brewing process provides high TDS, espresso strength concentrated coffee, perfect for iced drinks and affogatos. It can then be cut for RTD cold brews or for hot coffee.

The Café 3 uses 1.5 gallons of water and 3 pounds of coffee to make 0.9 gallons of typical 7.5 TDS concentrate. The concentrate can be cut with water to 6 gallons of 2 brix ready to drink cold brew.

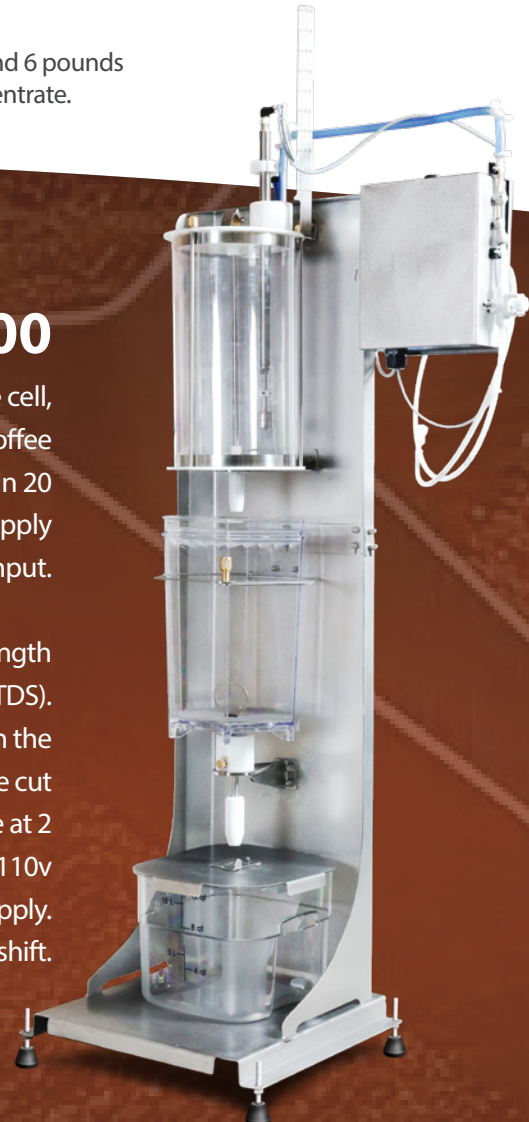
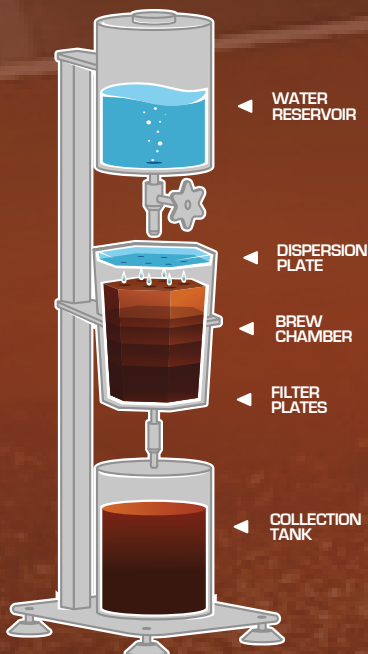
The Café 6 uses three gallons of water and 6 pounds of coffee to produce 1.8 gallons of concentrate.



HIVE BREW™ 200

The HIVE BREW 200 is an automatic single cell, production system for cold brewing coffee concentrate. It cold brews a 6-pound batch in 20 to 30 minutes. It has an automatic water supply system and extra brew cells to increase throughput.

The brew is close to "cold espresso" strength concentrate at an average of 10 Brix (8.7 TDS). Higher concentrations can be tapped off early in the brew. The 2 gallons of 10 Brix concentrate can be cut with water to provide 10 gallons of RTD coffee at 2 Brix. The automatic 200 brew system requires 110v single phase power and a pressure water supply. Typical output is 14 to 16 single cell brews per shift.



COMMERCIAL BREW SYSTEMS



HIVE BREW™ 400

The HIVE BREW™ 400 is a mid-sized production brewer and has four (4) 6-pound cells mounted in a row on the one stainless steel frame. There are four (4) separate 2.5-gallon tanks that are automatically filled by water under pressure that are mounted above the brew cells. The water level in the dispersion plate on top of each cell is automatically controlled with an electronic level sensor that controls the water flow rate through the ground coffee bed.

Typical production is 8 gallons of concentrate at 10 Brix for every brew. Brew time is 25 to 35 minutes. The concentrate can be cut with water to produce 400 gallons of 2 Brix Ready-To-Drink in a shift.

HIVE FUSION™

The FUSION™ is the next step toward fully automating the HIVE Brewing system. It pre-infuses ground beans with water and accurately weighs and loads the brew cells prior to them being placed into the HIVE brewer.

Ground beans are transferred to the infeed hopper on the FUSION™. Linear transfer pans under the hopper transfer the grounds to a weigh scale that loads a paddle mixer. Water sprays are mounted over the mixer and infuse a precise amount of water with the ground beans.

The mixer has a trap door bottom to dump the beans into the cell that is automatically indexed under the loading chute. Output is up to 60 - 6-pound cells per hour.

Alternatively HIVEBREW provides a semi-auto option, as well the "BloomBag", HIVEBREW's manual infusion bag great for cafés and small scale production needs.

CELL RINSE & SANITIZE STATION

TORR offers a manual spent ground dump, rinse, and sanitize station to reduce brewing labor. An automatic version is under development.



** Yields and throughputs on TORR coffee systems vary based on coffee origin, roast levels, and grind size. TORR does not warrant performance. Actual brew results may vary by +/- 20%.



HIVE BREW™ 700

The HIVE BREW™ 700 is a commercial production brewer. It has 7 nested brew cells, and the operation is automated. It has a single water inlet for customer supplied water under pressure. Water level in each dispersion plate is automatically controlled with an electronic level sensor.

A single brew collection tank is mounted under the cells with a level sensor and a sanitary pump to automatically transfer the concentrate to a remote bulk tank provided by others. The brewer is CIP capable with cleaning nozzles for each of the 7 brew chambers.

Typical production is 14 gallons of concentrate at 10 brix for every brew. Brew time is 25 to 35 minutes. The concentrate can be cut with water to produce 700 gallons of 2 Brix ready to drink coffee in a shift. If the optional 7 brew cells are ordered production per shift is close to 1000 gallons of RTD.

An Allen Bradley PLC and touch screen automatically control the brew cycle and the clean in place routines.

HIVE BREW™ 701 EXPANSION

The HIVE BREW 701 is an expansion module for the HIVE BREW™ 700 brewer. The 701 adds 7 more cells to double production output. Controlled by PLC controller and HMI operator screen.

Up to 3 units can be linked together increasing to a total of 28 brew cells, producing up to 1,000 gallons of concentrate at 10 Brix with two people per shift.



HIVE BREW™ LINE25

TORR's Coffee Division offers full scale, high capacity, industrial coffee brewing system development. Our patented brewing methodologies are designed with scalability in mind. We will work with your production department to design, implement and help you manage production at any scale. Contact us here for detailed information and real world case studies.

4 Active Cells : 300 to 380 Liters (80 to 100 gallons) of a typical 7.5 TDS concentrate per hour.

8 Active cells : 600 to 760 Liters (160 to 200 gallons) of a typical 7.5 TDS concentrate per hour.





HIVE BREW™

TORR's HIVE brewing process offers 3lb, 6lb & 25lb brew cells to optimize extraction yields and create a typical 7.5 TDS concentrate. Units are available requiring no power or air supply. Higher concentrations can be tapped off earlier in the brew process.

HIVE brewing increases the yield from your beans up to 80% compared to immersion brewing.

20 to 35 minute brew times increase production and retains more of the coffee's natural flavor and essence.

The HIVE BREW system is designed for easy expansion by adding additional brew cells to maintain each cell's performance without loss of quality common in large volume brewing processes.

ADVANTAGES OF THE HIVE BREW™ SYSTEM

Up to 80% Increase in Yield

This is achieved by using a patent-pending process that provides 16 to 22% extraction of soluble's. This compares to 10 to 15% extraction % of dissolved solids for typical immersion brewing.

Fast Brew Times (25 to 35 Minutes)

Our unique hexagonal brew cells allow 2.5 gallons of water to flow through 6 pounds of grounds that have been pre-infused with 0.5 gallons of water. The patent pending dispersion plate at the top of the cell controls the water flow evenly over the grounds and yields an average of 2 gallons of concentrate at 10 Brix (8.7 TDS). Brew time and yields are dependent on your bean origin, roast profile, and grind size.

Superior Flavor & Longer Shelf-Life

The fast brew time and the controlled water flow through the grounds allows you to capture the prime attributes of your single origins and blends. This provides a superior taste. Brewing quickly provides an extended shelf-life compared to slower brewing methods.

Achieve Higher Brix Concentrate

Up to 25 Brix (22 TDS) concentrate can be extracted at the start of the brew. This is up to espresso strength concentrate or "cold espresso" which is perfect for espressos, iced drinks or affogatos.

Clear Concentrate with Low Turbidity

Our patent-pending, reusable, stainless-steel filter allows for ease of use and keeps the coffee grounds out of the final product. There is no agitation of the grounds during the brew process eliminating the need for costly disposable and / or secondary filtration.

Easy to Handle and Clean

A loaded cell weighs less than 20 pounds making it easy for a barista to handle. Cells can be rinsed between brews and sanitized daily.

We Stand By the Quality and Taste

TORR will brew your beans in our pilot plant in Redding, California. Ship us your coffee beans, and we will ship out your resulting cold brew coffee on ice, ready to cup. along with a video recording of the entire process including; grind, yield, and brew times. This offer is completely free with the exception of the overnight return freight and packing.

Purchasing made easy with financing available at www.torrindustries.com/financing

HIVE BREW™ Solutions

TORR provides custom engineered cold brew solutions.

Call today!
to discuss your specific needs



TIM ORR
President
TORR Industries, Inc.



TORR
INDUSTRIES
4564 Caterpillar Rd
Redding, California

“ Our company’s success has come from our ability to solve our customers’ specific cold brew requirements. The expanding HIVE BREW™ line is a recent example of our cold brew development capabilities. ”

- Tim Orr

TORR designs and manufactures innovative filling and brew systems equipment in its 40,000 square foot facility in Northern California, USA.

TORR management team has over 50 years combined industry knowledge in brew systems, bag-in-box, stand-up pouch and aseptic bag filling.



For more please contact our master distributor:
BrewBomb
www.torrcoffee.com



Visit us online

