

Splatt Engineering New Zealand was established in 1998 as your local supplier of filling and packing machinery. We have supplied some of New Zealand leading Breweries with quality filling equipment and continue to develop new filling processes with our international suppliers.



Moravek offers a unique way of processing/filling beer using a BC Beer Carbonator to automatically carbonate beer before the filling process. The BC Beer Carbonator communicates with the Moravek Keg filler, Bottle filler and Can Pro.

In line carbonating directly before filling has several key benefits, it ensures consistent and repeatable carbonation levels across different brands, eliminates wasteful and time-consuming in-tank carbonation, achieves very low Dissolved Oxygen Levels thanks to gas stripping. The BC carbonator PLC system allows you to change carbonation levels to suit your desired carbonation levels for bottles, Cans or Kegs.



The Moravek range of tribloc beer-bottling machines are specifically designed to handle beer from the outset and include double pre-evacuation as a standard feature on all models to ensure ultra low dissolved oxygen (DO's) are maintained during the filling operation.

The combination of high-quality robust machine construction along with close attention to the needs of clean in place (CIP) ensures Moravek tribloc beer fillers deliver efficient reliable bottling production, low DO's and repeatable CIP sanitisation which are all important requirements when filling beer.

Speed	8/8/1	12/12/1	21/24/4	32/36/8
330ml	2,000BPH	2,800BPH	7,000BPH	12,000BPH
500ml	1,500BPH	2,500BPH	5,000BPH	10,000BPH



The CANPRO filling system is a state-of-the-art, high-speed, mechanically controlled can filling system designed around proven European counter-pressure-gravity filling technology and can seaming technology.



The CANPRO is designed to fill beer in a variety of can sizes and volumes offering today's craft brewers a wide range of flexibility. The CANPRO filling systems achieve filling speeds ranging from 80 cans per minute up to 600 cans per minute (355 ml) while delivering very precise fill levels, very low O2 pickup and minimal product loss.

The CANPRO fillers incorporate a highly engineered, and superior manufactured, rotary, high-speed, precision can seaming system that produces perfectly seamed cans while minimizing O2 pickup and product loss. The seaming machine is integrated into the can filling system with a common-base design and a high-speed tangential can discharge ensuring optimal high speed can control, very low O2 pickup and superior product integrity.

Type Speed	CPH
9/2	5500
20/4	12000
30/6	18000
60/8	36000



The Moravek BC Beer inline Carbonator range is well proven technology, as the company has been in production for over ten years. With highly satisfied brewery customer base around the world.



The Moravek BC inline Automatic Beer Carbonator uses the gas atomise method of carbonation which offers a number of key final product quality benefits:

- Smaller CO2 bubbles that result from efficient gas atomise carbonation gives beer a smooth natural carbonated finish.
- Lower Dissolved oxygen levels, product de-aeration - reduction in Dissolved Oxygen content is achieved through a process of gas stripping which takes place in the carbonating chamber as part of the carbonating process.
- Greater head retention
- Consistent Carbonation Levels - Set temperature and carbonating pressure ensure consistent carbonation levels are maintained at all times and product cannot be over carbonated.
- Improved filler performance - Moravek Carbonator delivers stable efficiently carbonated product to the counter pressure filler resulting in efficient filler performance.
- In-line process saves on :
  - Preparation time.
  - BBT tank specification and costs - needs only 0.5 bar blanket pressure in BBT prior to the BC inline carbonator and filling. 3 bar pressure tank rating not required as is the case for in tank carbonation.
  - CO2 consumption - gas atomise carbonation is 85% efficient compared to in tank carbonation is 65% efficient. Also no need to purge large volumes of CO2 into the BBT's which is required with in tank carbonation.



## INLINE AUTOMATIC BC BEER CARBONATORS & KEGGING BLOC SYSTEM KEY BENEFITS



The Moravek range of BC Inline Automatic Beer Carbonators and m+f KEG-Technik Kegging systems have combined their technical co-operation to offer the breweries a new concept KEG packaging that delivers consistent high final product quality as well as a reliable unit.



The GOLD series machinery from CIME is designed for the bottling of carbonated products which are quite often unstable during the filling phase.



The GOLD machine was specifically designed and built for easy operation and cleaning, rapid replacement of accessories, and simple maintenance.

Speed	6/6/1	9/8/1	12/12/1	20/20/3
330ml	1,000BPH	1,500BPH	2,800BPH	5,000BPH
500ml	700BPH	1,100BPH	2,000BPH	4,200BPH

## OUR CLIENTS



## CONTACT US

Phone: +64 9 585 2518

Mobile: +64 21 286 1575

Email: [hello@splattengineering.co.nz](mailto:hello@splattengineering.co.nz)