

PR5a – New Gummies Line
July, 2022

Shemesh launches unique new gummies line offering end-to-end solutions for all bottle shapes

Gummies and jellies are renowned in the food, supplements, and nutraceuticals sectors for being one of the most awkward, hard to handle products. But the growing market of sticky sweets and supplements has now met its match with the launch of a brand new, highly innovative 60 products per minute A-Z gummies packaging line from Shemesh Automation - the TKS-G60.

Shemesh has applied its decades of engineering expertise to seamlessly combine a unique sequence of technologies that feed, load, fill, cap and label bottles and gummies of all common sizes – and ultimately case pack and palletize them too. Shemesh Automation’s VP Global Sales & Business Development, Yonatan Levy, says Shemesh is the only machinery manufacturer in the world to provide an entire uninterrupted bottling line for gummies and jellies where all the core machinery in the line is made by just one manufacturer. This, in turn translates to no pointing fingers between different machinery makers when something goes wrong, as well as to one source - the original manufacturer - for after sales, service and support, a huge plus.

He explained: “It’s hugely beneficial for customers to be able to partner with a single manufacturer capable of meeting all their needs for gummy packaging from product feed to palletising. It saves them both time and money as they only have to deal with one supplier and one team of engineers who know their systems inside out. And of course our electrical, mechanical and control systems are all completely seamlessly integrated under one platform to maximise productivity and minimise downtime.”

Flexibility is key in gummy packaging efficiency and the Shemesh line is headed up by an unscrambler that can be either mechanical where bottle choice is limited or robotic where multiple shapes and unlimited types of bottle are involved. This feeds into a continuous rotary multi-head weigher based filling system which dispenses a predetermined fill weight of product to the continuous motion rotary base, transferring product into the customer’s rigid container / bottle / jar through a transfer funnel.



The bottles are fed through a timing screw into an infeed-starwheel which in turn feeds the main turret. Once in the main turret the combination scale filler is timed with the rotary platform to ensure accurate weight transfer. The product then travels onto a vibration section within the turret to allow for the transfer and settling of the entire dose into a narrow container / bottle opening.

Let us build your vision

Bottles are sealed using induction sealing which reduces oxygen and moisture thus improving shelf life – key for certain specialist supplements that don't immediately fly off the shelves. The labeller can uniquely handle literally most common types of bottles that a co-packer may need – again a massive benefit for more niche producers switching between product lines more frequently.

In addition, there are QC points along the entirety of the line to ensure pinpoint accuracy and top quality all the way through. All the parts are tool-less for faster changeover, and manufactured from high grade, robust stainless steel. Furthermore, the stippled surface of the line in certain critical areas reduces the level of direct product

contact and the chance of it sticking. Depending on requirements, the existing technology can achieve from 30 to 150 unit output per minute, depending on exact line models.

Yonatan Levy added: "Shemesh has always invested time and money in R&D, developing new turnkey solutions for our customers and helping them stay ahead of trends and demand. There are very few machinery manufacturers in the world with our extensive vertical expertise across the different functions of these lines and we've always broken new ground in solid, liquid and hygiene sectors as we now eye the global growing gummies, supplements, and vitamins market. We're proud to once again provide an unrivalled packaging solution in a new sector that, quite simply, is not available anywhere else in the world!"

+++++++ ENDS +++++++

Available for interview: Yonatan Levy, VP Global Sales & Business Development, Shemesh Automation

For media and sales enquiries or to arrange interviews please contact:

Roni Levi, Marketing Director – Shemesh Automation:

Email: Roni.l@shemeshautomation.com

Telephone: +972.355.099.46

Website: www.shemeshautomation.com

About Shemesh Automation:

With over 30 years in the industry, Shemesh Automation is a global leader in the high-end packaging and assembly machinery and industrial automation appliances manufacturing arena. The family-owned business supports almost 2,000 assets in over 30 countries around the world. Its nonwovens arm, Shemesh Automation Wet Wipes (www.sawetwipes.com) is a global pioneer in nonwovens downstream packaging equipment with cutting-edge technology positioned at the very forefront of the industry.

Shemesh is represented in 13 countries around the world with offices in the US, UK, France and Israel. Its London-based office coordinates global sales and marketing operations and its Israeli office managing research, development and engineering innovation. Shemesh's unique combination of UK customer-centric service with an Israeli high-tech mentality to push the technical boundaries, plus the use of tried & tested parts from German manufacturers has greatly contributed to its success. The US is served by a 43,055 square-foot office in Green Bay, Wisconsin, home to a Demo Center, 24 Hour Service and Parts Center and a large US installed base of packaging machines.



SHEMESH AUTOMATION

PRUDENT PACKAGING SOLUTIONS

Let us build your vision

“We don’t see Shemesh as a company that builds just cutting-edge machinery, we want to become your partner of choice for long and successful cooperation. “Let us build your vision” is not just our slogan, simply put, this is what we do, day in and day out!” – Eli Shemesh, Founder.



USA
1040 Centennial St
Green Bay
WI, 54304
+1 920 325 0050



UK
2 Westglade
Farnborough
Hampshire GU14 0JE
+44 1252 518 082



ISRAEL
Minister Haim Shapira St 4
New Industrial Zone
Rishon Letzion 75704
+972 3550 9946



FRANCE
Bopak SARL Building
10 Rue de la Croix Belin
21140 Semur-en-Auxois
+33 611 57 7504

Registration Number: 513340901