LIFESPAN

INDIA'S LARGEST NUTRACEUTICAL MANUFACTURER

MESSAGE FROM CMD

Lifespan is a world-class manufacturer of Nutraceuticals, Herbal, Ayurvedic and Personal Care Products on a mission to educate and lead the society towards a healthier lifestyle. Good health must be the ultimate goal of everyone's life. We help people reach this goal by manufacturing products focused on fulfilling their nutritional needs.
Our teams comprise of scientists, quality assurance, quality control and regulatory experts who deliver consistently so that Lifespan can be a leader in the Nutraceutical industry.

Our state-of-the-art facility and labs at Lifespan are dedicated to innovation in products, services and methodologies and nurture the development of unique products. Our scientific team is knowledgeable, innovative and is one of the main reasons we are able to differentiate ourselves from other manufacturers.
We strive to exceed the expectations of our customers by consistently providing them with high-quality health and nutrition products along with an excellent customer service.
Thank you for your interest in Lifespan.

NARENDRA RAM NAMBULA
CMD

INTRODUCTION

Lifespan is one of India's largest manufacturers of Nutraceuticals, Natural, Herbal, Ayurvedic and Personal care products. We have a dedicated Research and Development division, where creative minds are unleashed. Stringent quality and assurance standards are put in place as a part of all our manufacturing processes. Our manufacturing facility is built on USFDA standards and we are certified by GMP.

Manufacturing:
Lifespan's manufacturing facilities are sophisticated and we strive to keep them updated through continuous improvement of processes and infrastructure. The manufacturing facility is equipped with state-of-the-art machinery and our scientists and technicians are experts in running the production without compromising on quality.

REAL TIME IMAGES

RESEARCH AND DEVELOPMENT

Lifespan's strength lies in its ability to innovate through focused research and development. Our laboratories are equipped with a complete range of sophisticated analytical instrumentation including HPLC, GC, UV, ICP-OES, GC FID &, ECD, Fully automatic leak test apparatus, Bursting strength apparatus, Halogen moisture meter, Brookfield viscometer and automatic hardness tester. We also have a facility for micro biology testing, for detecting pesticides, and other contaminations in raw materials, packaging materials and finished goods. Our teams of scientists are specialized in product formulations, design and analytical developments. Our labs are places where discoveries are transformed into high quality therapeutic products. We maintain the quality through rigorous quality checks at every step of production.

Key caveats in R&D:

Idea to Market :
Lifespan offers its clients a one-stop-shop for all their needs. We have the capability to go rapidly from idea to market and all the intermediary steps involved. Our scientists from Product Development and Design (PDP) emphasize on continuous improvement of processes involved in commercial manufacturing.

Pre-formulation studies:
Lifespan has a proven expertise in conducting pre formulation studies to assess the synergy of a proposed product. Proof of concept, IP creation, finalizing commercial product design and format, stability, nutritional justification and safety are the various aspects we are good at.

Formulation development:
Formulation development is a pivotal step in the process of new product development. It involves identification of right ingredients, establishing specifications, process optimization, and analysis and lab trials.

Pilot batches and pivotal stability:
Once the formulation is optimized at lab level, process and quality parameters are set at the product level. Process validation is conducted at pilot scale and Pivotal Stability Batches are produced. A detailed stability study program is conducted as per ICH guidelines.

Pre-clinical and clinical studies:
Pre clinical and clinical studies of nutritional and health supplements is gaining a lot of attention nowadays. FSSAI mandates the submission of safety, toxicity and efficacy data for novel and proprietary formulations before the product is approved. Lifespan is involved in protocol preparation and review, and monitoring of the clinical study.

REAL TIME IMAGES

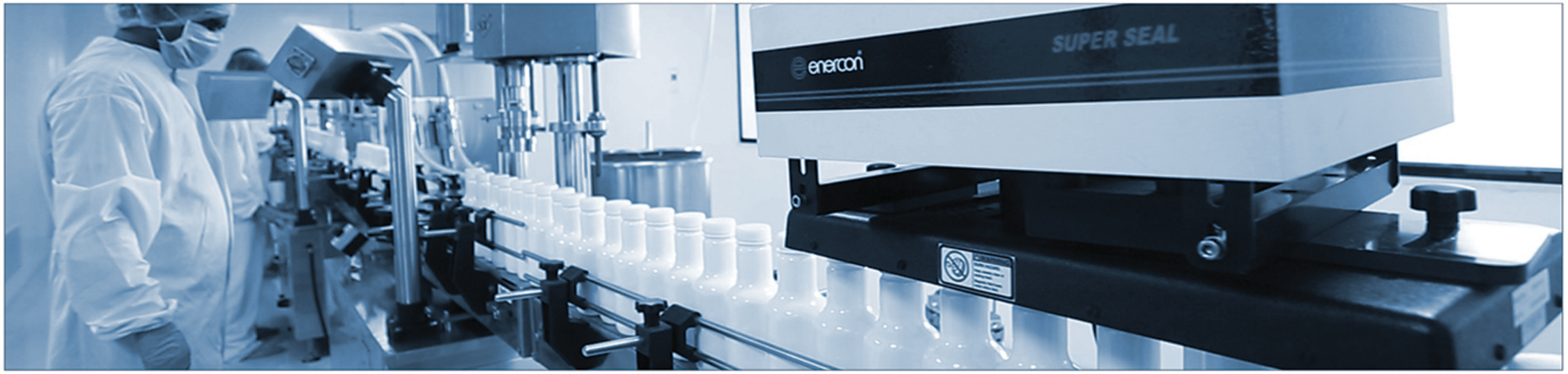
QUALITY CONTROL & QUALITY ASSURANCE

One of the key challenges in formulating nutraceutical products is having a stringent quality assurance program in place to detect potential adulteration. In a market where consumers are increasingly seeking out natural products, having reliable quality assurance program is crucial to backup any “natural” claims.

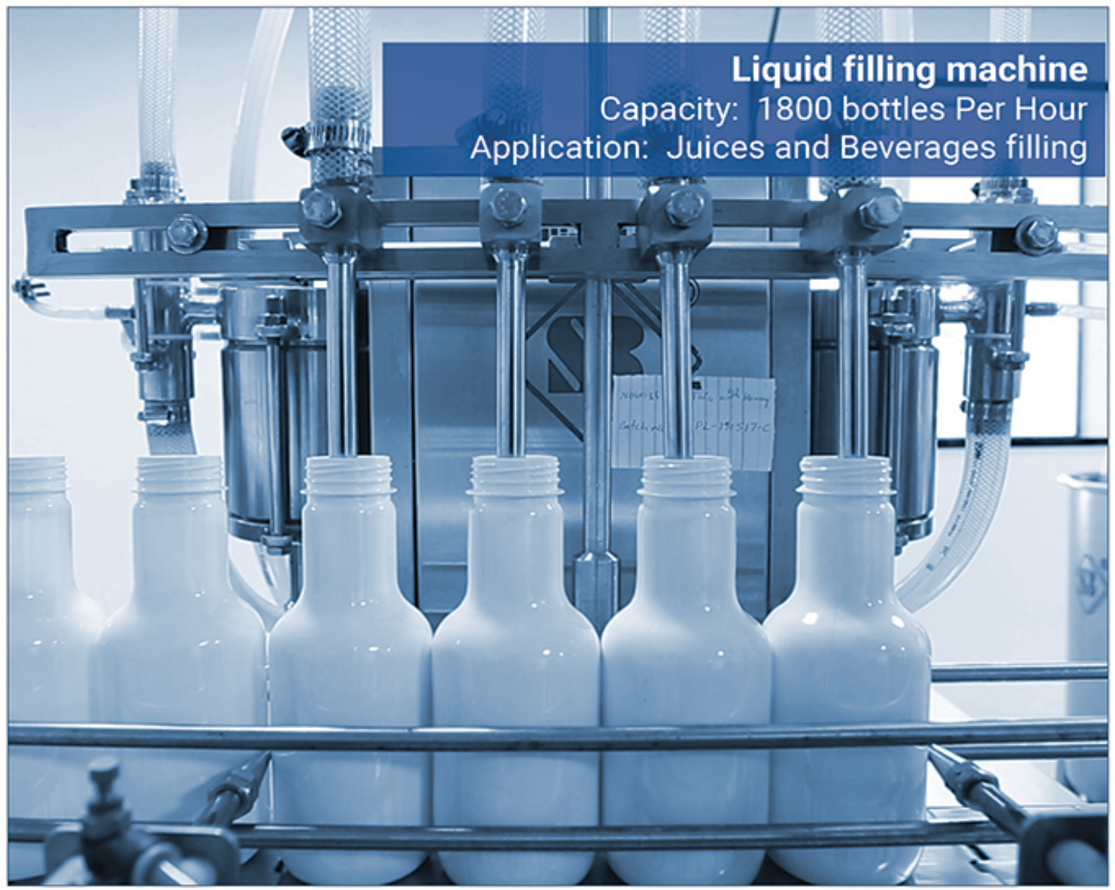
In view of this requirement, we perform rigorous checks at every stage of production. Our scientists and production managers closely monitor every process that is being employed so that any flaws during manufacturing can be tracked down to its stage of origin and can be rectified on time.

Our laboratories are staffed by skilled professionals and are equipped with the latest instruments to conduct a variety of tests. Our 10,000 square feet, state-of-the-art laboratory is fully equipped with machines like **HPLC, GC, UV-VIS spectrometer, ICP-OES, Stability chambers** so that analytical testing can be performed on products.

Specialized Microbiology lab is well equipped to conduct microbiological analysis and we also have stability chambers where we can conduct comprehensive stability studies according to ICH guidelines. Using our know-how and infrastructure, we are able to perform comprehensive quality control of raw materials, packing materials, intermediates and finished products



Liquid manufacturing plant
Capacity: 2000 liters Per Batch
Application: Juices and Beverages manufacturing



Liquid filling machine
Capacity: 1800 bottles Per Hour
Application: Juices and Beverages filling

REAL TIME IMAGES

Liquids/Juices : We formulate and produce various kinds of liquids in concentrated and ready-to-drink forms. Our concentrated liquid products are rich in vitamins A, B, C, D, E and K and they aid proper functioning of all the organs in the body. Products are packaged into varying sizes ranging from 100ml to 1000ml. We can manufacture liquids as per the client's formulations and also satisfy their packaging needs in-house.

NO	LIQUIDS/JUICES
1.	Concentrated Amla Juice with Honey
2.	Concentrated Aloe vera Juice with Honey
3.	Concentrated Wheatgrass Juice with Honey
4.	Digestive Drink Concentrate for better digestion
5.	Dieting Aid Concentrate for weight management
6.	Memory Drink for better memory & concentration
7.	Anti-stress Drink for improving stress threshold
8.	Detoxifier Drink for flushing toxins
9.	Noni Juice with Kokum
10.	Noni Premium Juice with Ashwagandha & Kokum
11.	Noni Gold Juice with Brazil nut & Tulasi
12.	7 in1 Juice (Noni, Amla, Aloe, Kokum, Tulasi, Ashwagandha & Brazil nut)
13.	Apple cider Vinegar Concentrate

NO	SHOTS
1.	Anti-Hangover Shots
2.	Prebiotic Shots
3.	Probiotic Shots

NO	HONEY
1.	Pure Honey with certified Propolis content
2.	Medicated Honey with Black Cardamom, Clove & Tulasi

Tablets Compression Machine
Capacity: 200000 Tablets Per Hour
Application: Tablets compression, Bilayer Tablets compression

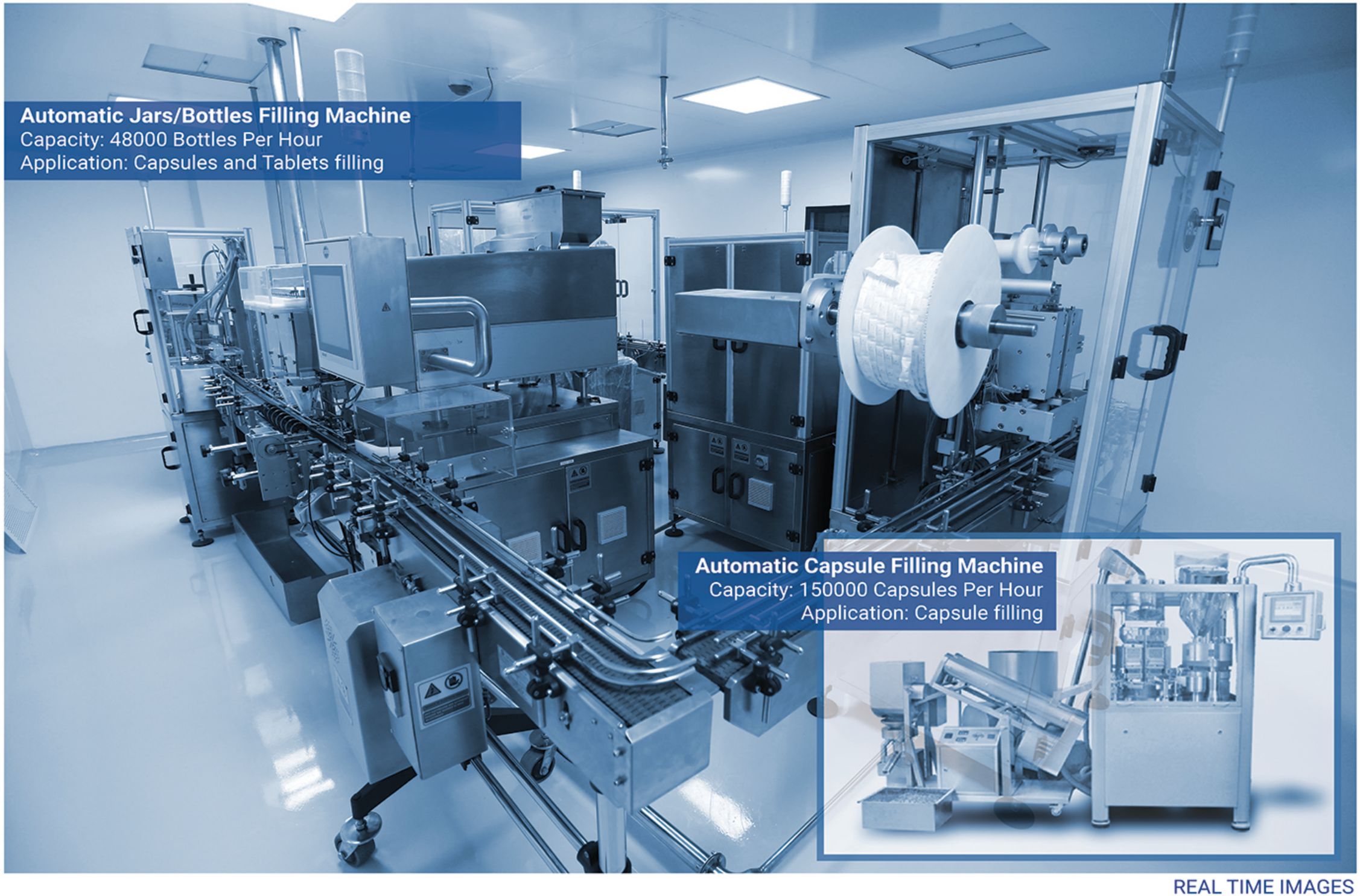
Automatic Tablets Coating Machine
Capacity: 350kg Per Batch
Application: Tablets Film coating, Sugar coating and Enteric coating

High shear Mixer Granulator (HSMG)
Capacity: 250kg Per Batch
Application: Granules preparation

REAL TIME IMAGES

Tablets : We manufacture many tablet formulations using natural ingredients in our facility. All our packaging needs are met in-house and our lines are equipped with sensors that can detect metal. We can also manufacture tablets for customers with their own formulations and also package the final products.

NO	TABLETS
1.	Calcium Tablets with Vitamin D2 & Magnesium
2.	Throat soothening
3.	Spirulina
4.	Herbal Antacid
5.	Herbal tablets for Hypertension Management
6.	Herbal Anti-Cholesterol
7.	Herbal Anti-stress
8.	Herbal Bone & Joint health
9.	Herbal Calcium
10.	Digestive
11.	Electrolytic water soluble tablets
12.	Herbal tablets For blood purification, boils, pimples & acne
13.	Herbal tablets for gastric problem & colon cleanser
14.	Nutritive tablets for wellness & stamina
15.	Herbal tablets For Kidney health
16.	Herbal tablets for Psoraisis & other skin ailments
17.	Herbo-mineral tablets for repeated allergies, Anti-histamine
18.	Herbal tablets for insomnia & disturbed sleep
19.	Herbo-vitamin tablets for weight management
20.	Herbal Analgesic
21.	High fiber tablets for better digestion
22.	Liver & Pancreas
23.	Probiotic & Prebiotic
24.	Herbal based Tablets for constipation
25.	Iron and Folic acid

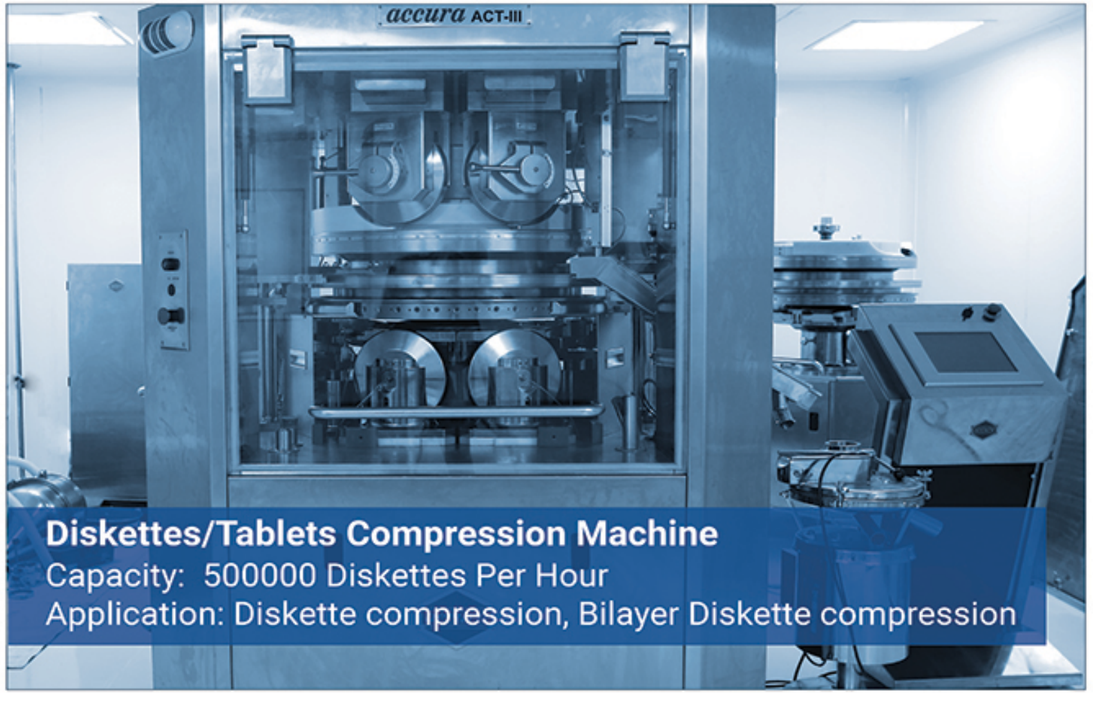


REAL TIME IMAGES

Capsules : We formulate and manufacture capsules using natural active ingredients in our manufacturing facility. All our packaging needs are met in-house and our lines are equipped with sensors that can detect metal. We also provide our customers with contract manufacturing for world class healthcare products.

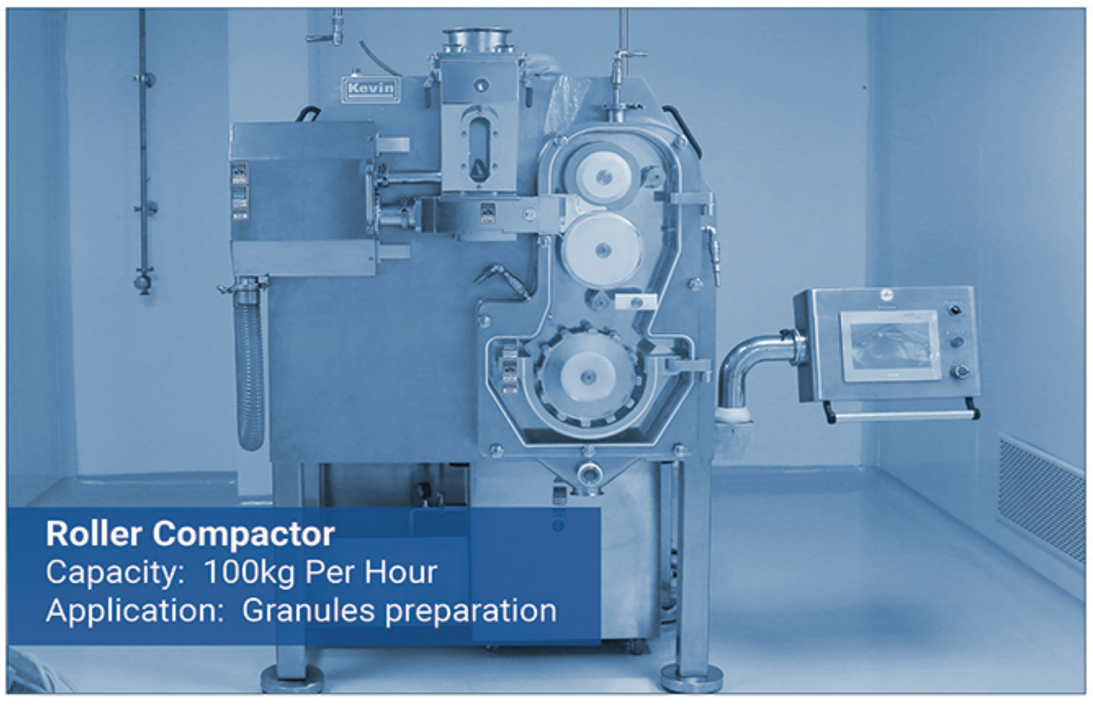
NO	CAPSULES
1.	Joint care capsules with Glucosamine, Chondroitin, MSM & Hadjod
2.	Spirulina capsules fortified with iron
3.	Multivitamin+Multimineral
4.	Neem and Tulasi
5.	Garcinia capsules with Garlic, Irvingia & Tamarindus for weight Management.
6.	Moringa capsules with added Vitamin K
7.	Prebiotic & Probiotic with Isabghol, Chicory & Lactobacillus
8.	Diabetes Management capsules with pure Methi seed extract
9.	Aphrodisiac
10.	Capsules for Piles relief, rectal care
11.	Herbal based capsules for early fracture recovery
12.	Fat draining capsules
13.	Herbal capsules for better hair
14.	Capsules with 70 Natural Minerals
15.	Silymarin capsules for liver health
16.	Coleus
17.	Karela
18.	Jamun
19.	Haridra
20.	Garlic

NO	CAPSULES
21.	Guggulu
22.	Triphala
23.	Shilajit
24.	Ashwagandha
25.	Tulasi
26.	Herbal Iron
27.	Herbal Amino acid
28.	Herbal Anti-Headache & Anti-Migraine
29.	Aloe vera
30.	DHA
31.	Taurine & Ribose
32.	Policosanol (Sugar extract for knee pain)
33.	Karela- Jamun
34.	Amla-Aloe vera
35.	Moringa with Lehberry
36.	Arjuna-Lahsun
37.	Tagar
38.	Amla-Giloy
39.	Shatavari & Ashwagandha
40.	Vitamin B Complex



Diskettes/Tablets Compression Machine
Capacity: 500000 Diskettes Per Hour
Application: Diskette compression, Bilayer Diskette compression

Bin blender combo
Capacity: 500 & 2000 litres
Application: Dry powder blending



Roller Compactor
Capacity: 100kg Per Hour
Application: Granules preparation

Ribbon Blender
Capacity: 1000kg Per Batch
Application: Dry Powder and Wet powder Mixing

REAL TIME IMAGES

Diskettes : We formulate and manufacture a variety of diskettes of superior quality in a dedicated area. They are rich in proteins, minerals, B complex, macro minerals and fat soluble vitamins. They are free of refined wheat flour. We can manufacture diskettes as per the our clients requirements and satisfy their packaging needs in-house.

NO	DISKETTES
1.	Protein with Ragi in Vanilla flavour
2.	Calcium in Butterscotch flavour
3.	Multivitamin in Chocolate & Vanilla flavours
4.	Moringa with Whey protein
5.	Stem Cells derived from Apple & Grapes

Dry and wet blended powders: We have multiple state-of-the art blenders and automated packaging lines. We formulate and produce many different kinds of powders in various flavors and sizes and are packaged into tins, jars, pouches and sachets. All of our lines are equipped with sensors to detect metal. We can manufacture products of this category as per the formulations of the clients and even satisfy their packaging needs in-house.

NO	POWDERS AND GRANULES
1.	Energy booster powder with caffeine & taurine
2.	Protein powders
3.	Instantized BCAA powder for instant muscle recovery
4.	Instant Tomato soup for weight-loss
5.	Sports drink for building stamina
6.	Meal replacement shake
7.	Chocolate drink with vitamin D
8.	Isabghol with triphala and fennel

NO	PROTEIN POWDERS
1.	Whey Protein Concentrate –Chocolate, Mango & Coffee Flavour
2.	Whey Protein Isolate –Chocolate, Coffee & Mango Flavours
3.	Multiple Proteins with Whey Concentrate, hydrolysate & isolate
4.	Polymillets protein
5.	Ragi Malt Protein
6.	Plant based Protein Powder - Chocolate & Vanilla Flavours
7.	Protein Powders for women

NO	WORKOUT PRODUCTS
1.	Prework with Alanine, Carnitine, Vitamin C & Caffeine
2.	Electro BCA with essential & non-essential amino acids
3.	BCA Plus Post workout-Whey Protein
4.	Energy Bars

NO	SPREADS
1.	Creamy Peanut butter with Honey
2.	Crunchy Peanut butter
3.	Chana Spread Paste with Honey

Organic Super Foods: At Lifespan we maintain the finest quality super foods from certified organic farms and package them for our customers. Some of the organic products that we package are millets, sunflower seeds, chia seeds, flax seeds. Our trail mixes are a combination of many kinds of super healthy seeds and nuts.

Personal Care Products

Lifespan offers certified Ayurvedic and Herbal personal care products which are manufactured using authentic rare herbs that are best in quality. The formulations developed by our scientists are one of a kind, and our manufacturing processes do not involve the use of any harmful chemicals and are perfectly natural and safe for use.couraging skin growth and new cell generation.

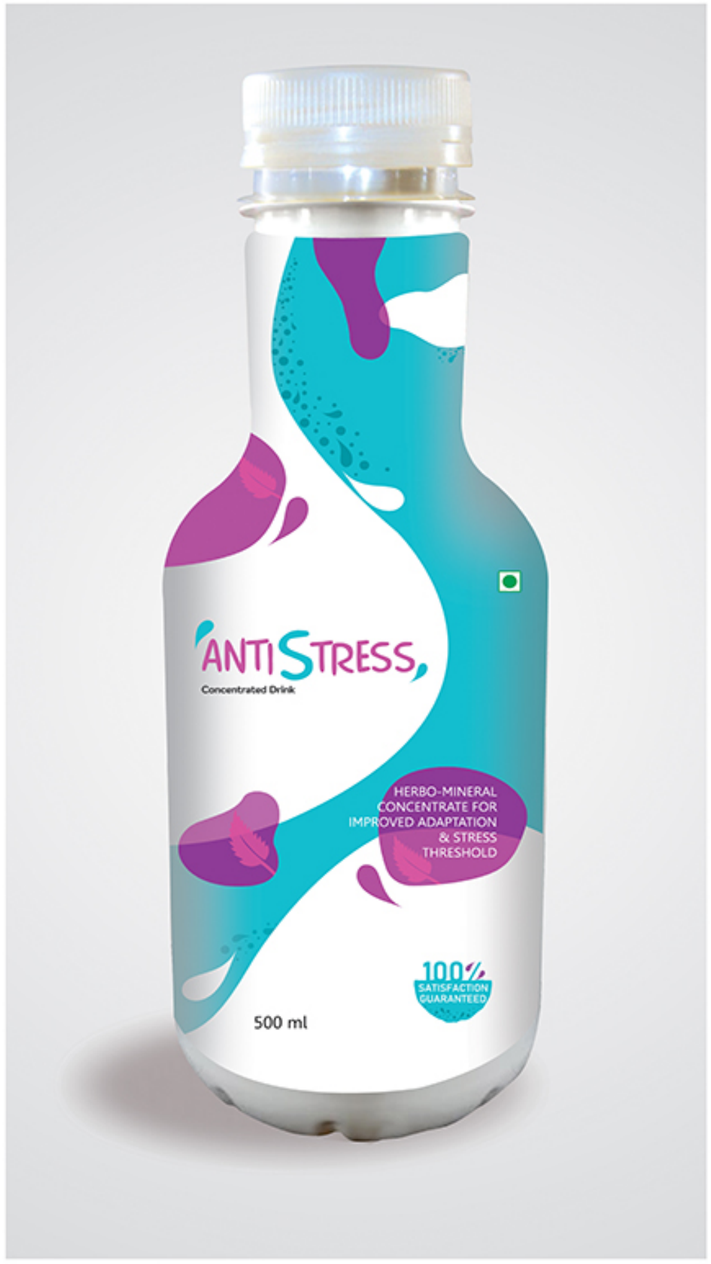
NO	HERBAL/AYURVEDIC PERSONAL CARE PRODUCTS
1.	Herbal tooth paste
2.	Wheatgerm Moisturizing Lotion
3.	Sunscreen lotion
4.	Herbal shampoos
5.	Herbal Conditioners
6.	Hair serum for healthy hair
7.	Face lifting serum
8.	Aloe Cucumber body butter
9.	Aloe Gel
10.	Anti-ageing cream with collagen
11.	Body massage oils
12.	Red onion hair oil
13.	Glow cream
14.	Almond Walnut scrub
15.	Facial Kits
16.	Foot Cream
17.	Under Eye Cream
18.	Herbal Talcum Powders

Hemp Personal Care Products

The industrial hemp plant is a boon to mankind. Every part of the hemp plant can be used to manufacture different products. At Lifespan, we are in a process of formulating natural hemp based personal care products with hemp seed oil.

No.	Hemp Personal Care Products		
1.	Body Lotion	17.	Shower Gel
2.	Face Cream	18.	Face Scrub
3.	Shampoo	19.	Soap Bars
4.	Conditioner	20.	Sunblock Lotion
5.	Cream for elbows, knees and knuckles	21.	Cream for Acne
6.	Hand cream	22.	Lip Balm
7.	Foot cream		
8.	Hair Cream (Scalp Moisturizing)		
9.	Bath Bombs		
10.	Body Oil		
11.	Hair Oil		
12.	Hand Wash		
13.	Healing Balm for cuts and wounds		
14.	Pain reliever (Balm)		
15.	Face Mask		
16.	Hair Serum		

PACKAGING : We understand that packaging can make or break a brand. We have an in-house creative team that specializes in design and branding, who are capable of delivering attractive and elegant packaging solutions to our clients.



www.lifespan.industries

Lifespan was awarded Global Business Excellence Award for the year 2019 at London Commons (London Parliament)

ET most Promising Entrepreneur
Mr.Narendra Ram Nambula was awarded the ET most promising entrepreneur at the ET Best Brands Summit.

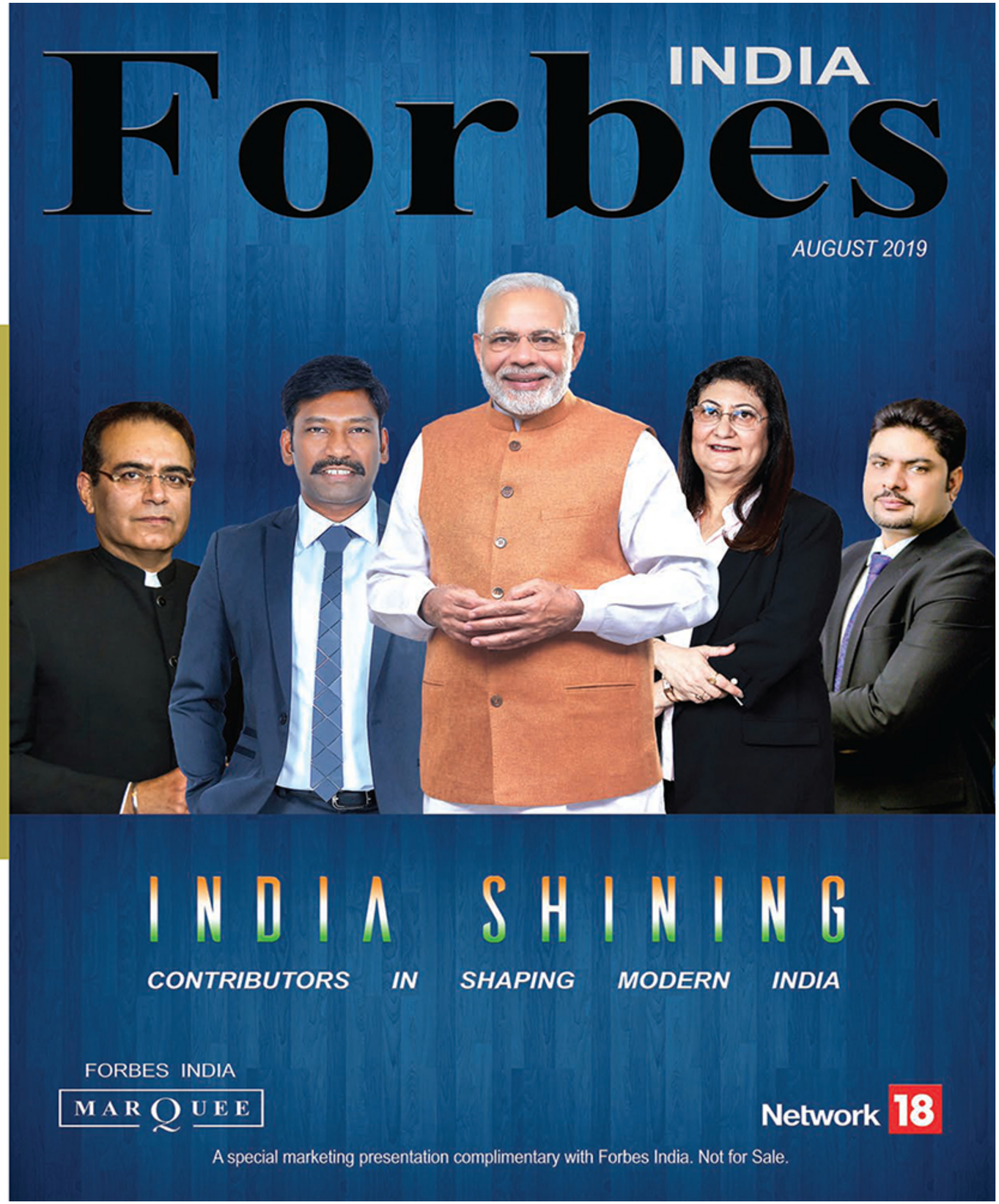
Best Startup of the Year
Seema Malhotra MP
(Member of Parliament, London)
& Narendra Ram Nambula,
Founder and CEO, Lifespan Pvt Ltd.

Promising Entrepreneur of India
The economic times awarded Mr Narendra Ram Nambula as the Promising Entrepreneur of India.

Most Promising Company to Invest In
Virendra Sharama MP
(Member of Parliament, London)
& Narendra Ram Nambula,
Founder and CEO, Lifespan Pvt Ltd.

FORBES AUGUST 2019

One of the Leading Global Business Magazine 'FORBES' has come out with a special coverage on our company Lifespan and the man behind our success story Mr.Narendra Ram Nambula, CMD, Lifespan.



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MANUFACTURING FACILITY ADDRESS:

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