LIFESPAN

INDIA'S LARGEST NUTRACEUTICAL MANUFACTURER

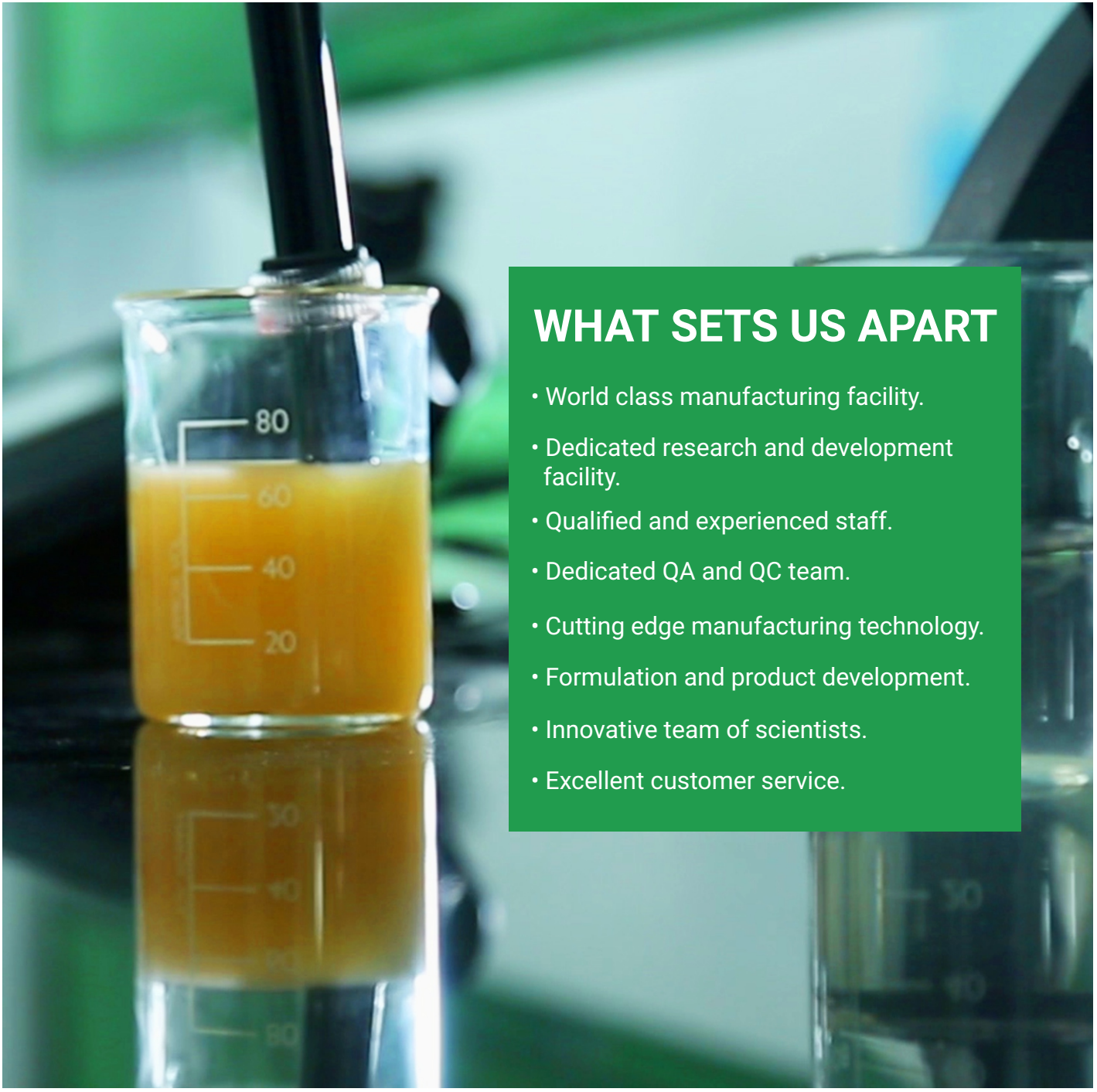
MESSAGE FROM NARENDRA RAM NAMBULA (CMD)

Lifespan is a world-class manufacturer of Nutraceuticals, Herbal, Ayurvedic and Wellness Products on a mission to develop 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 laboratories at Lifespan are dedicated to innovation in products, services, methodologies and nurture the development of unique products. Our formulation 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.



WHAT SETS US APART

- World class manufacturing facility.
- Dedicated research and development facility.
- Qualified and experienced staff.
- Dedicated QA and QC team.
- Cutting edge manufacturing technology.
- Formulation and product development.
- Innovative team of scientists.
- Excellent customer service.

Manufacturing:

Lifespan's manufacturing facility is built according to USFDA standards. The manufacturing facility is equipped with state-of-the-art machinery and our production team and technicians are experts in running the production without compromising on quality and standards. We strive to keep our technology and premises updated through continuous improvement of processes and systems.

R & D FACILITY

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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 &, Fully automatic leak test apparatus, Bursting strength apparatus, Halogen moisture Balance, 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 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 (PDD) 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.

QC & QA

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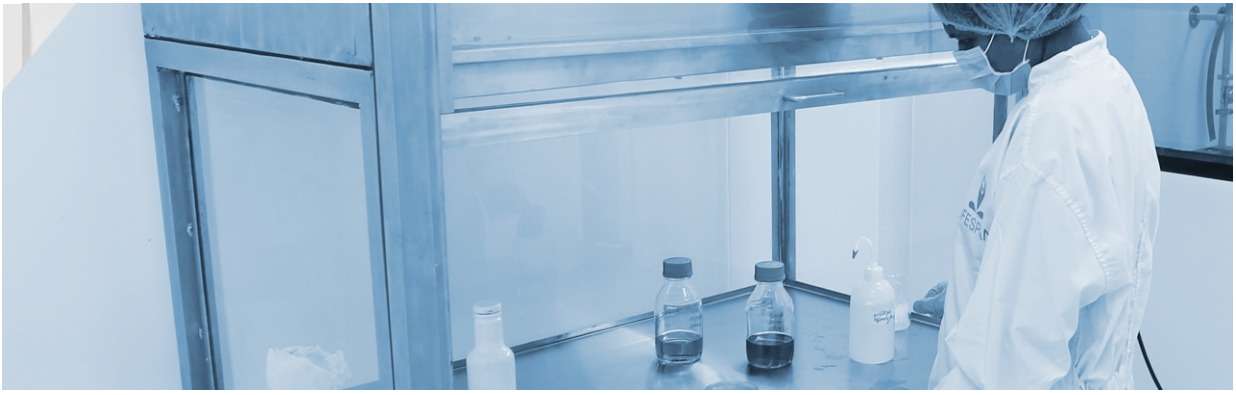

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QUALITY CONTROL & QUALITY ASSURANCE

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 various tests. The 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.

This 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

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

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

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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 Juice with Ashwagandha & Kokum
11.	Noni Juice with Brazil nut & Tulasi
12.	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

TABLET MANUFACTURING

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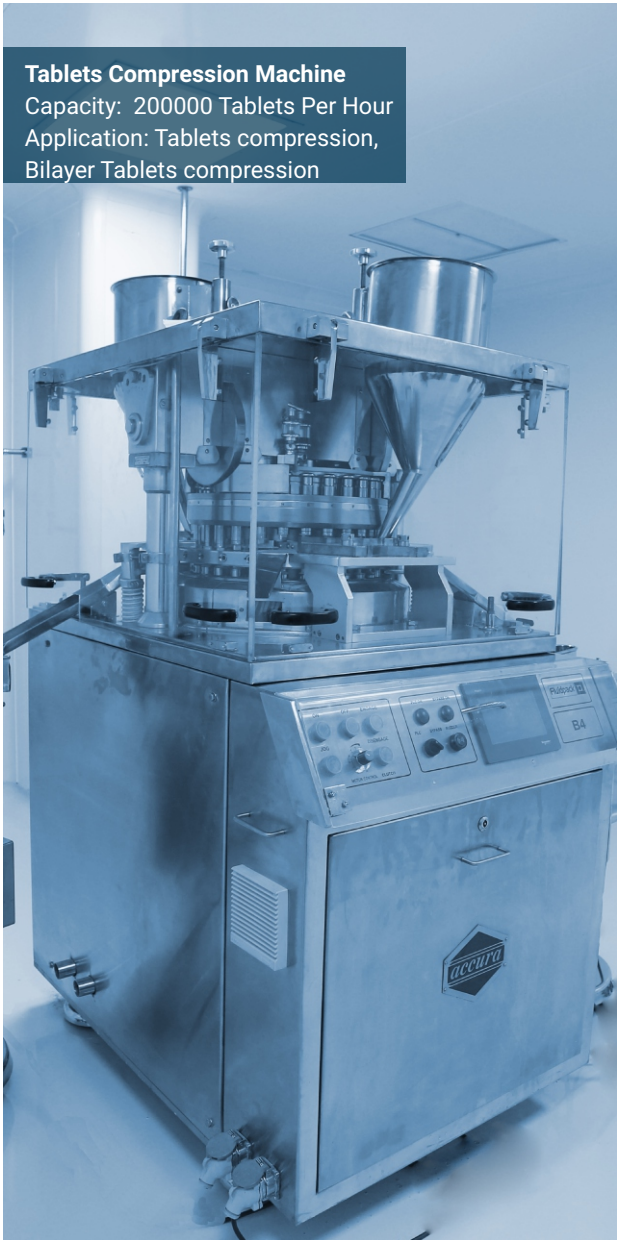

Tablets Compression Machine
Capacity: 200000 Tablets Per Hour
Application: Tablets compression, Bilayer Tablets compression

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 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.	Throat soothening
2.	Spirulina
3.	Herbal tablets for Hypertension Management
4.	Herbal Anti-Cholesterol
5.	Herbal Anti-stress
6.	Herbal Bone & Joint health
7.	Digestive
8.	Electrolytic water soluble tablets
9.	Herbal tablets For blood purification, boils, pimples & acne
10.	Herbal tablets for gastric problem & colon cleanser
11.	Nutritive tablets for wellness & stamina
12.	Herbal tablets For Kidney health
13.	Herbal tablets for Psoraisis & other skin ailments
14.	Herbo-mineral tablets for repeated allergies, Anti-histamine
15.	Herbal tablets for insomnia & disturbed sleep
16.	Herbal Analgesic
17.	High fiber tablets for better digestion
18.	Probiotic & Prebiotic
19.	Herbal based Tablets for constipation
20.	Iron and Folic acid
21.	Milk Thistle
22.	PMS
23.	Joint Pain
24.	Immunity Booster
25.	Calcium

CAPSULE MANUFACTURING

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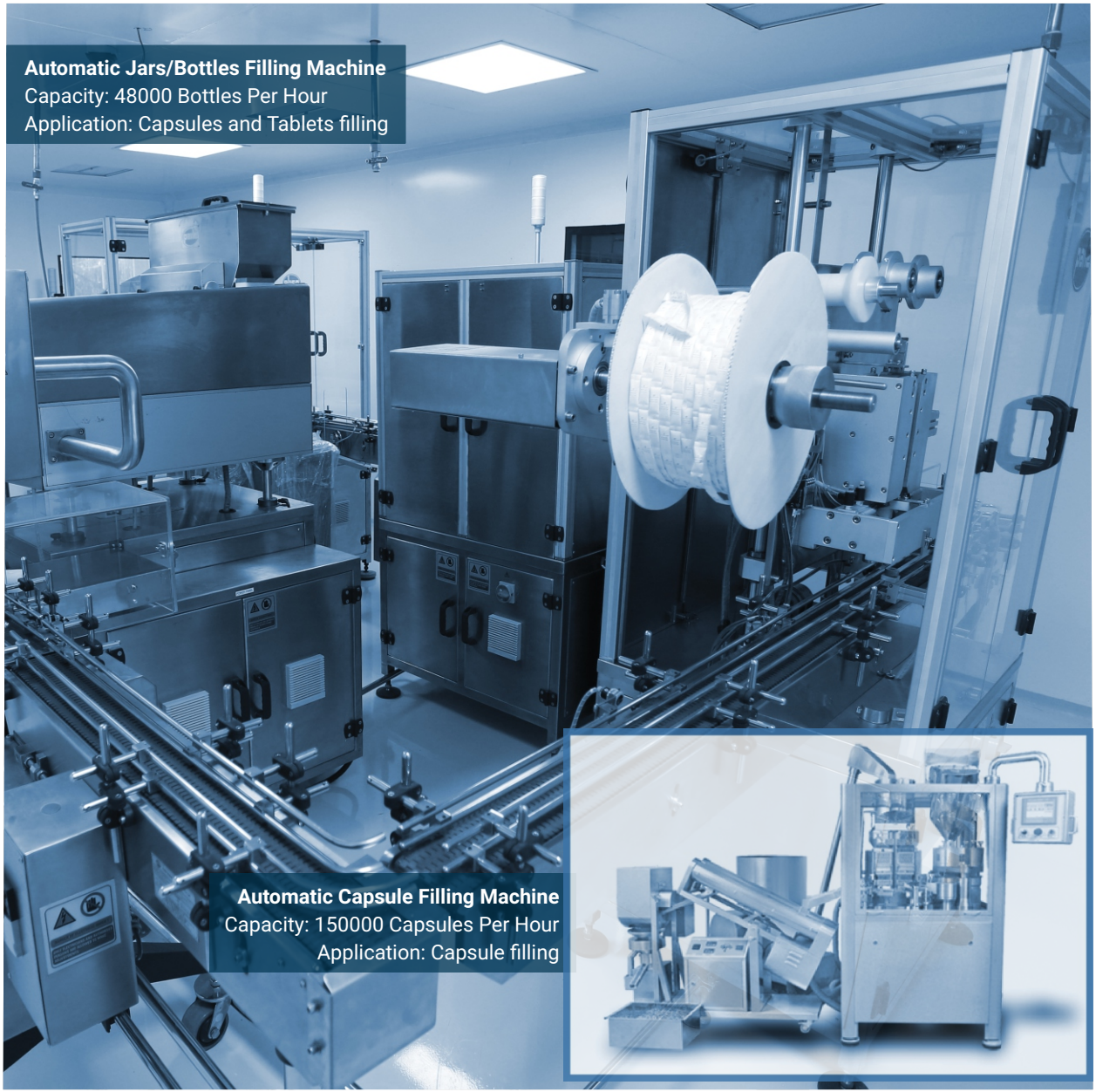

Automatic Jars/Bottles Filling Machine
Capacity: 48000 Bottles Per Hour
Application: Capsules and Tablets filling

Automatic Capsule Filling Machine
Capacity: 150000 Capsules Per Hour
Application: Capsule filling

Real Time Images

Capsules : We formulate and manufacture capsules using natural active ingredients in our manufacturing facility.

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

NO.	CAPSULES
21.	Ashwagandha
22.	Tulasi
23.	Iron
24.	Amino acid
25.	Anti-Headache & Anti-Migraine
26.	DHA
27.	Policosanol (Sugar extract for knee pain)
28.	Karela- Jamun
29.	Moringa with Lehberry
30.	Arjuna-Lahsun
31.	Tagar
32.	Amla-Giloy
33.	Shatavari & Ashwagandha
34.	Vitamin B Complex
35.	Male Wellness
36.	Female Wellness
37.	Health Hair, Nail & Skin
38.	Curcumin
39.	Fenugreek
40.	Curcumin Piperine

DISKETTES & POWDERS MANUFACTURING

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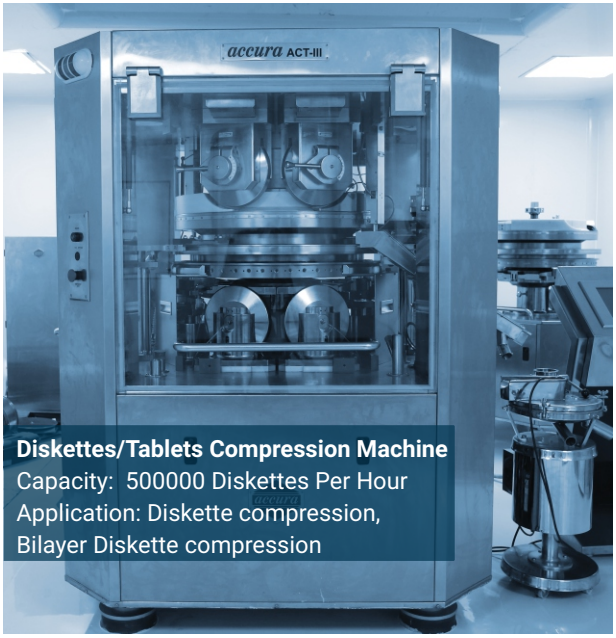
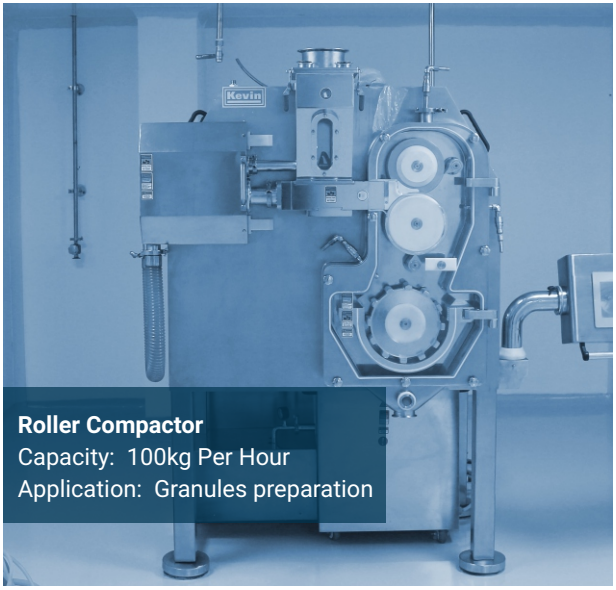


Diskettes/Tablets Compression Machine
Capacity: 500000 Diskettes Per Hour
Application: Diskette compression,
Bilayer Diskette compression

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

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

NO.	DISKETTES
1.	Protein Diskettes
2.	Calcium Diskettes
3.	Multigrain Diskettes
4.	Moringa with Whey protein
5.	Geriatric Diskettes

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

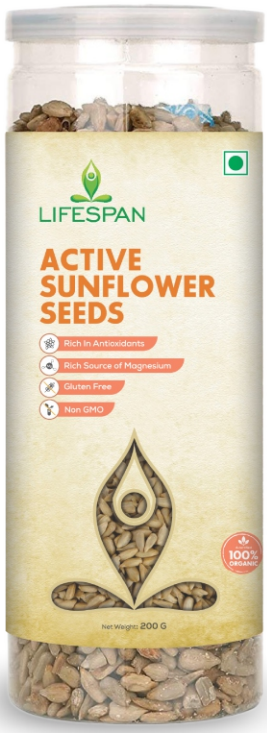
NO.	POWDERS AND GRANULES
1.	Energy booster powder with caffeine & taurine
2.	Instant Tomato soup for weight-loss
3.	Sports drink for building stamina
4.	Meal replacement shake
5.	Dysmenorrhea Powder

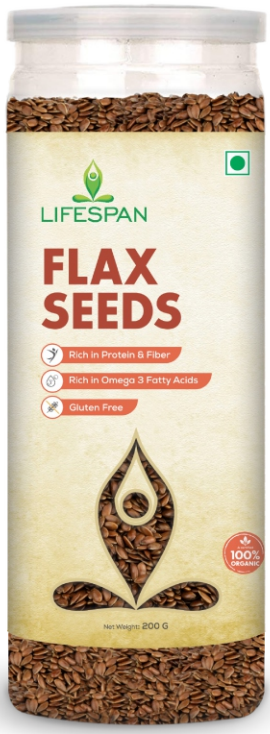
NO.	PROTEIN POWDERS
1.	Whey Protein Concentrate
2.	Whey Protein Isolate
3.	Multiple Proteins with Whey Concentrate, hydrolysate & isolate
4.	Polymillets protein
5.	Ragi Malt Protein
6.	Plant based Protein Powder
7.	Protein Powders for women

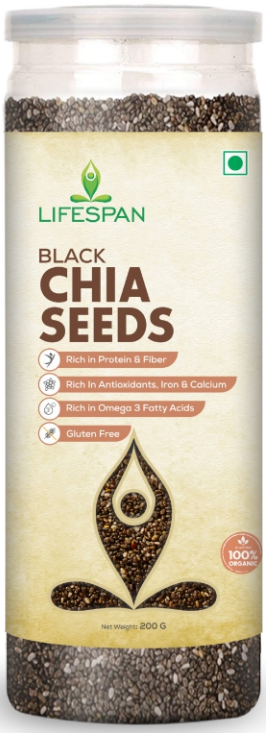
NO.	WORKOUT PRODUCTS
1.	Prework with Alanine, Carnitine, Vitamin C & Caffeine
2.	Electro BCA with essential & non-essential amino acids
3.	BCA Plus Post workout-Whey Protein
4.	Energy Drinks

NO.	SPREADS
1.	Creamy Peanut butter
2.	Crunchy Peanut butter
3.	Almond Spread

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, and 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.

NO.	HERBAL/AYURVEDIC PERSONAL CARE PRODUCTS
1.	Wheatgerm Moisturizing Lotion
2.	Sunscreen lotion
3.	Aloe Cucumber body butter
4.	Aloe Gel
5.	Anti-ageing cream with collagen
6.	Body massage oils
7.	Red onion hair oil
8.	Glow cream
9.	Almond Walnut scrub
10.	Foot Cream
11.	Under Eye Cream
12.	Serum
13.	Pain Oil
14.	Hand Wash
15.	Hand Sanitizer
16.	Panch Tulsi Drops
17.	Intimate Wash
18.	Heel Repair Cream

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
2.	Face Cream
3.	Hand cream
4.	Foot cream
5.	Body Massage Oil
6.	Hand Wash
7.	Healing Balm for cuts and wounds
8.	Face Scrub
9.	Cream for Acne
10.	Lip Balm
11.	Soap Bars

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.

PROTEIN PLUS
Vanilla
Nutrition with goodness of Plant & Milk based Protei
PROTEIN PLUS
Chocolate
100% WHEY
DISKETTES
PROTEIN
HIGH-CALORIE PROTEIN SUPPLEMENT FORTIFIED WITH VITAMINS AND MINERALS
Improves Digestion
Boost Stamina
Strengthen Immunity
Improve Convalescence
Chocolate
RED ONION HAIR OIL
RED ONION HAIR OIL
Creamy PEANUT BUTTER WITH HONEY
CRUNCHY PEANUT BUTTER

Achievements & Awards

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

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

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

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

Achievements & Awards

Life Span Pvt. Ltd. was the winner of India 5000 Start-up Awards for Quality Excellence 2019.

Life Span Pvt. Ltd. was the winner of India 5000 Quality Leader Awards for Quality Excellence, 2019.

Mr. Narendra Ram Nambula was awarded the **"Entrepreneur of the year in product or manufacturing business"** by MSMECCII, 2020

One of the Leading Global Business Magazine **'FORBES'** has come out with a special coverage on our company Lifespan .

Achievements & Awards

Life Span was awarded the Top Quality Manufacturer of the year for Nutraceutical Products, at the India's Signature Brands Awards, 2020. The award was presented to Mr. Narendra Ram Nambula (CMD) by Mr.Suniel Shetty (Actor).

LIFESPAN

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GOOD MANUFACTURING PRACTICE GMP QUALITY PRODUCT
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IEC
AYUSH
International Organization for Standardization ISO 9001:2015