



CMO & CDMO

Innovation to
sustainable access.

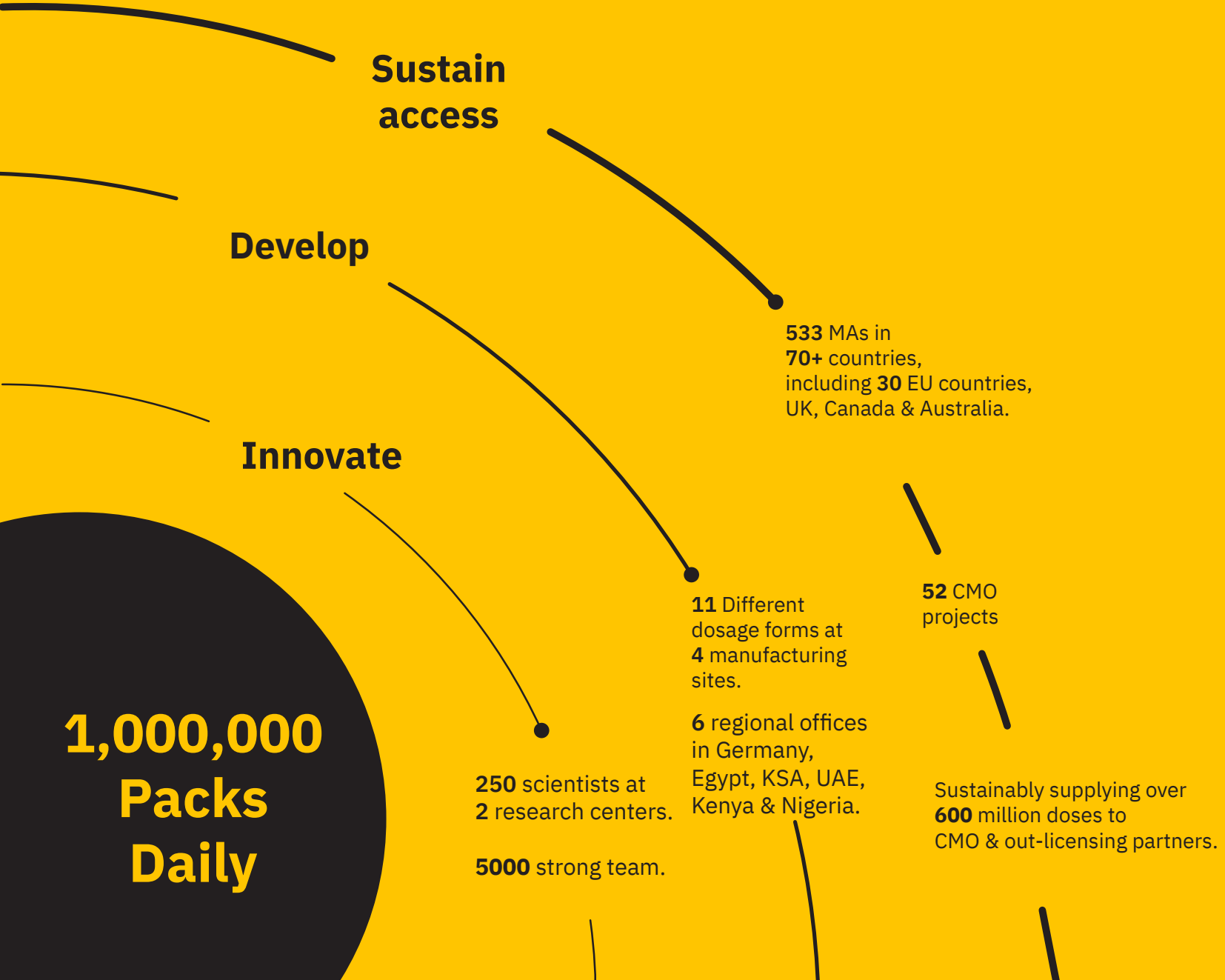


Who are we?

With a rich legacy in the development of healthcare solutions, EVA Pharma is one of the fastest growing healthcare companies in MEA, with global reach over 70 countries including 30 EU countries, the UK, Canada and Australia.



Patient-centered end-to-end solutions:



EVA Pharma offers its technical capabilities to various partnership opportunities:



Development Services:

EVA Pharma's R&D facility is a technology-driven CDMO offering a wide integrated range of services in drug product development and manufacturing.

The largest dedicated site for pharmaceutical development and services in the MENA region.

Fully compliant with GMP and GLP guidelines and fully equipped R&D laboratories and a pilot area with the highest-rated machinery.



Contract development.



Complete Life cycle management from development, process optimization and scaling – up to commercial manufacturing.



API synthesis.



Drug product formulation services.



Analytical processes development and services.

Pilot area

Process	Machines	Capacity
Wet granulation	High shear Mixer granulator (Small VG)	1- 7 kg
	Binder oven	0.5 - 15 kg
	GPCG-3	0.5 - 5 kg
Dry granulation	Greteis compactor	35 kg - 5kg/hr
Compression (monolayer)	Ronchi	3000 - 15000 tabs/hr
Compression (bilayer)	Karnavati	2100- 14700 tabs/hr
Capsule filling	Bonapace Cap XI 10	1000- 3000 caps/hr
Blending	V-shaped Blender	1-10 kg
	Cyclomix	150000 capsule/hr
Coating	Akopan-5 coater	1-4 kg
Oscillating Miller	Erweka Miller	1- 10kg/hr
Miller	Glatt Miller	3-15 kg/hr
Sieving	Vibro sifter	5000 sachet/hr
Stirrer	IKA- stirrer	25 - 50 kg
Sachet filling	Kadyco sealing machine	50 -500 sachet/hr
Blistering	Marchesini	250 - 2500 strips /hr
Nanofiber-based patches	Electrospinning	EL Marco Nanospider NS-LAB
Pilot Production Capacity per Year		126,225,000 Tablets
		12,750,000 Capsules
		2,125,000 Sachets
		10,625,000 Blisters



Manufacturing Capabilities:

EU-approved Sites: EVA Pharma 6th of October Manufacturing Complex
(206 million medicines / year)

Allows upscaling of manufacturing capabilities to produce different dosage forms: tablets, capsules, sachets, soft gelatin, a dedicated area for cephalosporins, carbapenems and a dedicated sterile filling area for biologics.

The complex hosts a biologics' facility for human and animal therapeutics and vaccines. API manufacturing, animal house are under construction.

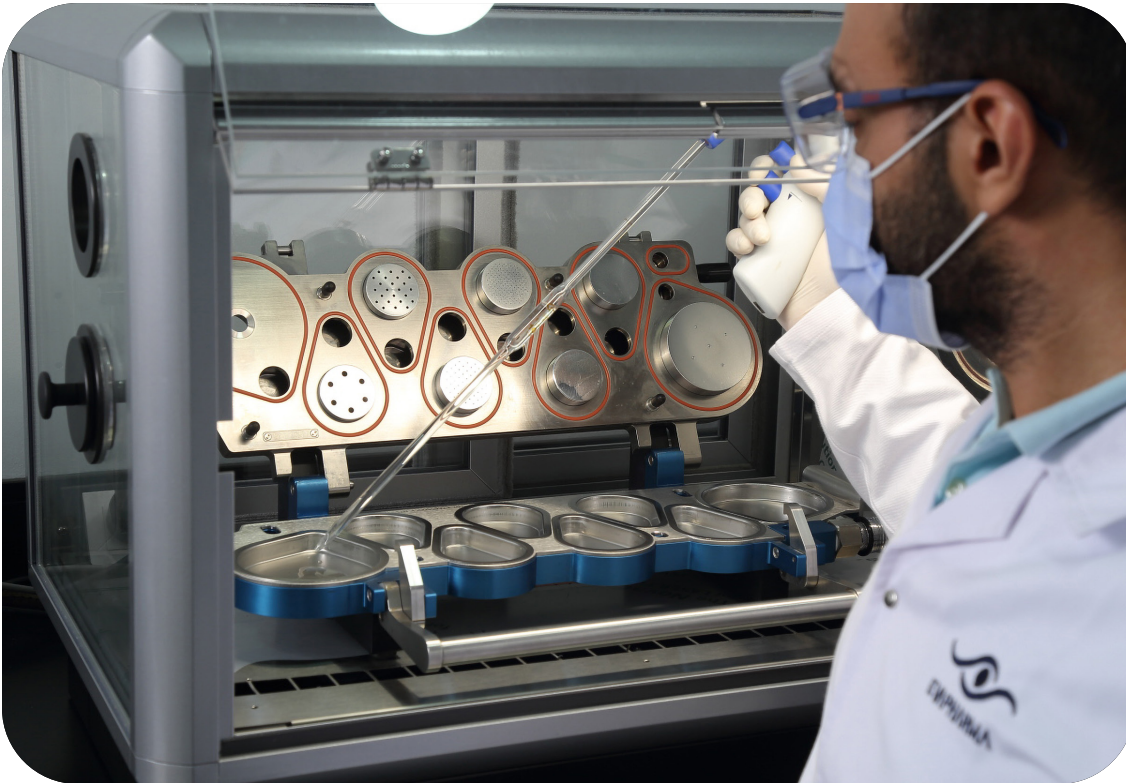


EU-approved Sites: EVA Pharma's Haram Facility
(114 million medicines / year)

Produces different dosage forms such as vials, ampoules, sachets, tubes, capsules, tablets, syrups, creams, inhalation, BFS, patches (hydrogel & transdermal) and ODF.

EU Audited site: EVA Pharma's 10th of Ramadan Facility
(5.2 million medicines /Year)

First dedicated high-containment manufacturing site in the MENA region.



Manufacturing Capabilities:



Quality & Accreditation:

EVA Pharma's state-of-the-art manufacturing facilities are equipped with cutting-edge technology, are internationally recognized for innovation, and have been approved by multiple regulatory agencies.



Santé
Canada

Health
Canada



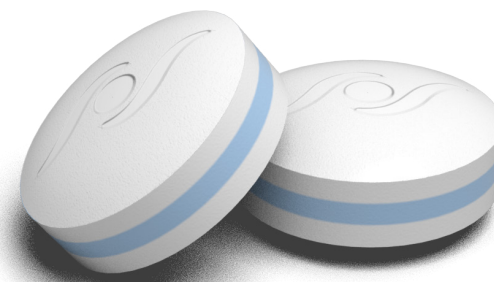
Solid

	Process	Machines	Capacity	
Solid	Liposomes	Preparation	Reactor	400 L
	Process	Machines	Capacity	
	Wet granulation	Glatt Granulation VG 1500	375 L -- 1200 L	
		Glatt Granulation VG 1200	300 L -- 960 L	
		Glatt Granulation VG 600	150 L -- 480 L	
		Iodige (VG)	200lt = 100kg	
			600 lt- 70 Kg	
		VG	400lt = 90kg	
			400 lt-300Kg	
		High shear - oven	5 kg	
	Drying	Glatt WSG PRO 500	375 L -- 1200 L	
		Glatt GPCG PRO 200	UP to 300 L	
		Scherrer Oven	UP to 300 L	
	Milling	Glatt crusher	up to 5000 kg/h	
		Glatt GSE 200, Rotor sieve	Up to 2000 kg/h	
		Glatt Oscillating Reducer OR 5040	Up to 500 Kg/hr	
	Dry granulation	Alexanderwerck Compactor	350 kg/hr.	
		bepex		
	Blending	Blender Servo-Lift	up to 1800 Kgs	
	Total solid production capacity per year			
	2,741,000,000 Capsules 11,941,600,000 Tablets 249,675,000 Sachets			

Solid

Process	Machines	Capacity
Tablet compression	Fette 3090i tablet compression (1)	B&D turret Up to 1,000,000 tablets/hr.
	Fette 3090i tablet compression (2)	B&D turret Up to 1,000,000 tablets/hr.
	Korsch Compression Machine XL 400 MFP	Bi-layer /triple layer tablet compression Up to 100,000 tablets/hr.
	fette 2100	216,000 tab/hr
	Fette 2100	240,000 tabs/hr
	Fette 2200	280,000 tabs/hr
	fette FE 55	324,000 tab/hr
	korcsh	139,200 tab/hr
	Kilian	140,000 tabs/hr
	Glatt GCS 500	100L -- 400 L
	Glatt GCS 700	140 L -- 560 L
	Glatt coater 1250	150 lt.
	old coater (GC 1250)	250 lt
Tablet Coating	smart coater (GC 250)	158 lt

10 Compression lines



Solid

Process	Machines	Capacity
Capsule filling	Bosch GKF 2500	capsule size Zero elongated, zero, 1, 3 & pallets filling stations up to 150,000 capsule /hr.
	syntegon GKF 2500	capsule size Zero, 1, 3 & pallets filling station up to 150,000 capsule /hr.
	Harro	100,000 cap/hr
	Bosch 2000	150,000 capsule/hr
	Bosch 705	42,000 capsule/hr
Sachet filling	Superpack	UP to 15,000
	super pack 1	8,000 sachet /hr
	super pack 2	5,000 sachet/hr
	super pack 3	5,000 sachet/hr
	super pack 4	8,000 sachet /hr
	stick pack	4,000 sachet/hr
	Klockner LA-160	10,800 sachet/hr
Vet sachet filling	HI-TEK	300 sachet/hr

4 Capsule filling lines 6 Sachet filling lines



Solid

Process	Machines	Capacity
Blistering	Uhlmann 1440i blistering machine	up to 30,000 blisters/hr.
	CAM blistering machine	UP to 20,000 blisters/hr.
	CP3-1	18,000 Blisters/hr
	CP3-3	18,000 Blisters/hr
	Marchesine	25,800 Blisters/hr
	CP400-1	24,000 Blisters/hr
	CP400-2	24,000 Blisters/hr
Automatic Packaging		30,000 Blisters/hr
	Uhlmann BEC 500	30,000 Folding Boxes /hr
	BEC 500 automatic packaging line (1)	up to 30,000 blisters/hr.
	BEC 500 automatic packaging line (2)	up to 30,000 blisters/hr.
Bottle filling	Countec	Up to 3,600 bottle /hr.
	Countec	Up to 3,600 bottle /hr.
Large volume powder filling line	Hi-Tek Powder filling Machine HTBW-25	5 kg - 25 kg
Small volume powder filling line	Akhnaton Powder Filling Machine	0.5 KG - 5 KG

10 Blistering lines
2 Bottle filling lines

Dosage Form	Process	Machines	Capacity
ODF, Transdermal and Hydrogel Patches	Preparation	Akhnaton Mixer	10 kg
		Dumek Mixer	10 kg
	coating	TB-550 coater	30 - 90 meter/hr
	Slitting	Pasquato Slitter	According to each product
	Pouching	PML-125	2400 Pouch/hr
	Preparation	Hydrogel mixer	30 kg
		Hydrogel Coater	According to each product
	Pouching	Hydrogel Packaging	900 patch/hr
	Preparation	Kreiger 100	100 kg
		Optimags (Pilot scale)	According to each product
	Total Line production capacity / year (ODF and Transdermal)		10,200,000
	Total Line production capacity / year (Hydrogel Patches)		10,200,000

Dosage Form	Process	Machines	Capacity
Sterile	Preparation	OLSA Preparation tank	500 L
		OLSA Preparation tank	200 L
	Reciving	OLSA Reciving tank	400 lt
		OLSA Reciving tank	200 Lt
	Ampoule Filling	Bausch +Stoble Ampoule filling machine	10,000 amp/hr to 18000amp/hr
	Vial Filling	Bausch +Stoble Vial filling machine	1500 vials /hr to 4200 vial/hr
	BFS filling	Brevetii Angela	6,000 dps/hr to 12000 dps/hr
Total Line production capacity / year (ampoules)			76,500,000
Total Line production capacity / year (Vials)			17,850,000
Total Line production capacity / year (Drops)			51,000,000

Dosage Form	Phases\processes	Machines	Capacity
Biologics	Vial Filling	B+S filling machine Special feature: RABS system lyophilizer integration	24,000 /hr
		Syntegon filling machine Special feature: RABS system	9,000 /hr
			18,000 /hr
			25,800 Blisters/hr
			24,000 Blisters/hr
			24,000 Blisters/hr
	Total production capacity / year (Cartridges)		50,000,000
	Total production capacity / year (Vials)		90,000,000



Dosage Form	Process	Machines	Capacity
Soft Gelatin	Preparation	Gelatin Tank	200 -- 800 liters
		Medicine Tank	200 -- 600 liters
		8 Holding Tanks	250 liters
		1 Holding Tanks	300 liters
	Encapsulation	Encapsulation Machine	200,000 -- 650,000 capsules / day
	Drying	Drying Tunnels	57,900 -- 4,200,000 capsules
	Polishing &Sorting	Polishing &Sorting	30,000 -- 800,000 capsules / day
Total Line production capacity / year			150 Million Capsules
Dosage Form	Process	Machines	Capacity
Injectable Vials(β -Lactam Products)	Sterilization/Decontamination by Autoclave/VHP+Vial Washer+De-pyrogenating Tunnel+Vial Filling+Vial Capping)	*Complete bausch + stroebel Filling (B+S) Line	10,000/hr
Total Line production capacity / year			50 million vials
Dosage Form	Process	Machines	Capacity
Vet. Vaccine (I.M)	Pre-Incubation	(10) Victoria Pre-Incubator	38,880 eggs/Incubator
	Candling	NECTRA candling machine	30,000 eggs/hour
	Inoculation	RAME-HART inoculation machine	24,000 eggs/hour
	Post incubation	(6) TKA post-incubator	39,168 eggs/incubator
	Harvesting	RAME-HART Harvesting machine	18,000 eggs/hour
	Storage	DDE-Tanks	500 L-500 L-800 L-1400 L-2000 L
	Filling	Bausch & Strobel	840 bottles/hour
Total Line production capacity / year			2 million bottles/year

Independent Research Service: M.A.R.C for medical services and research

An independent and integrative research center that performs activities in three distinct and harmonized areas, supporting different stages of research through the discovery, preclinical and clinical phases.

1. MARC's CRO: covers all major therapeutic areas, including specialty, rare diseases, and medical devices.
2. Bioequivalence Center (MARC-BE): carries out all study processes, from study design and protocol writing to the final study report issuance, focusing on compliance with all applicable regulatory requirements.
3. Research Laboratories: equipped with the latest technologies to support all phases of research, from discovery to development.
 - Biorepository (biobank) unit
 - Molecular Biology Unit
 - Genomics Unit
 - Immunology Unit
 - Cell Culture Unit
 - Nanotechnology Unit
 - Bioinformatics Unit



Partnerships:

Our globally accredited facilities, R&D, and global presence allow us to hold partnerships with the best innovation-based global pharma companies, bringing the patients closer to the latest innovations in medicine and healthcare solutions.



Time to market

Immediate Kick-off due to free capacity

Decrease project duration and costs



Reduced Lead Times

Flexible Business and Logistics Models from ExW to DDP (EU release included)



Right First Time

Agile project Team - quick feedback and action



Supportive Team

Personalized and frequent support, from all: Business to Quality



High Quality

Brand-new EU sourced equipment and facilities

**Innovation to
sustainable access.**



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