

CMO & CDMO

EVA Pharma | Visionary Minds, Diverse Solutions

Who are we?

With a legacy of 106 years in the development of medicines and healthcare solutions, EVA Pharma is one of the fastest-growing healthcare companies in Africa and the Middle East, operating in more than 40 countries worldwide including 12 EU countries, the UK and Canada.





Present in cphi.evapharma.com 2023

51 countries

1,000,000 Packs daily

1st Ma

Manufacturer in Egypt

Research
Centers

Manufacturing Facilities.

52 Products in the CMO portfolio

25 Approved CMO products

3

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CMO products in technical transfer

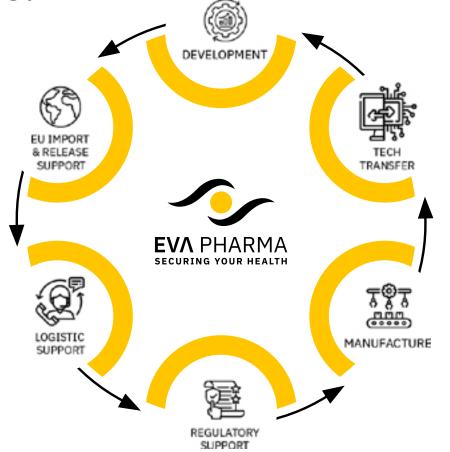
Global partners in the EU, UK & Canada

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Out-licensing partnerships in 12 EU countries.

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EVA Pharma offers its technical capabilities to various partnership opportunities:



Development Services:

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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.

Development Services:

- . 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.



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	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
(0	Dry granulation	Greteis compactor	35 kg - 5kg/hr
U	Compression (monolayer)	Ronchi	3000 - 15000 tabs/hr
D	Compression (bilayer)	Karnavati	2100- 14700 tabs/hr
<u>ਕ</u>	Capsule filling	Bonapace Cap XI 10	1000- 3000 caps/hr
	Disadias	V-shaped Blender	1-10 kg
	Blending	Cyclomix	150000 capsule/hr
oilot	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
. 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

(125,000-square-meters site - production capacity of 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

(Production capacity of 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.



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.









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2023

Total solid production capacity per year

2,741,000,000 Capsules 11,941,600,000 Tablets 249,675,000 Sachets

Process		Machines	Capacity
		Glatt Granulation VG 1500	375 L 1200 L
		Glatt Granulation VG 1200	300 L 960 L
		Glatt Granulation VG 600	150 L 480 L
		lodige (VG) VG	200lt = 100kg
	Wet granulation		600 lt- 70 Kg
			400lt = 90kg
O			400 lt-300Kg
•—		High shear - oven	5 kg
Solid	Drying	Glatt WSG PRO 500	375 L 1200 L
		Glatt GPCG PRO 200	UP to 300 L
		Scherrer Oven	UP to 300 L
		Glatt crusher	up to 5000 kg/h
	Milling	Glatt GSE 200, Rotor sieve	Up to 2000 kg/h
		Glatt Oscillating Reducer OR 5040	Up to 500 Kg/hr
		Alexanderwerck Compactor	350 kg/hr.
	Dry granulation	bepex	
	Blending	Blender Servo-Lift	up to 1800 Kgs

	Process	Machines	Capacity
		Fette 3090i tablet compression (1)	B&D turret Up to 1,000,000 tablets/hr.
		Fette 3090i tablet compression (2)	B&Dturret Up to 1,000,000 tablets/hr.
		Korsch Compression Machine XL 400 MFP	Bi-layer /triple layer tablet com- pression Up to 100,000 tablets/hr.
		fette 2100	216,000 tab/hr
	Tablet compression	Fette 2100	240,000 tabs/hr
Solid		Fette 2200	280,000 tabs/hr
	Tablet compression Tablet Coating	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
	Tablet Coating	Glatt coater 1250	150 lt.
		old coater (GC 1250)	250 lt
		smart coater (GC 250)	158 lt
			10 Compression lines

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4 Capsule filling lines 6 Sachet filling lines

	Process	Machines	Capacity
Solid	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.
	capsute numg	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

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	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
<u> </u>		CP400-2	24,000 Blisters/hr
oli		Uhlmann BEC 500	30,000 Blisters/hr
0	Automatic Packaging		30,000 Folding Boxes /hr
ĺ		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
			- Dotte litting times

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Dosage Form	Process	Machines	Capacity
)F, 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
	coating	Hydrogel Coater	According to each product
	Pouching	Hydrogel Packaging	900 patch/hr
ODF, Hy	Preparation	Kreiger 100	100 kg
	coating	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
	Preparation	OLSA Preparation tank	500 L
		OLSA Preparation tank	200 L
<u> </u>	Reciving	OLSA Reciving tank	400 lt
Sterile		OLSA Reciving tank	200 Lt
St	Ampoule Filling	Bausch +Stroble 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	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/Deccontamination 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
	Pre-Incubation	(10) Victoria Pre-Incubator	38,880 eggs/Incubator
Σ.	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

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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

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- Nanotechnology Unit
- Bioinformatics Unit



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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



Reduced Lead Times



Right First Time



Supportive Team



High Quality

Immediate Kick-off due to free capacity

Decrease project duration and costs

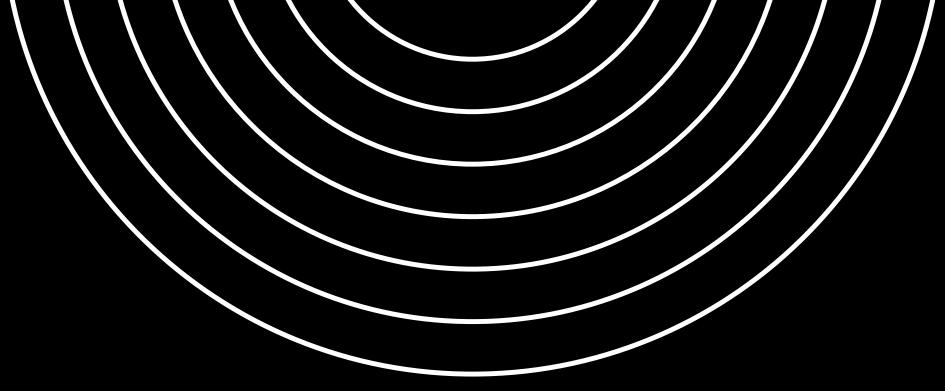
Flexible Business and Logistics Models from ExW to DDP (EU release included)

Agile project team - quick feedback and action

Personalized and frequent support, from all: Business to Quality

Brand-new EU sourced equipment and facilities







Contact us to find solutions that work for you.

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