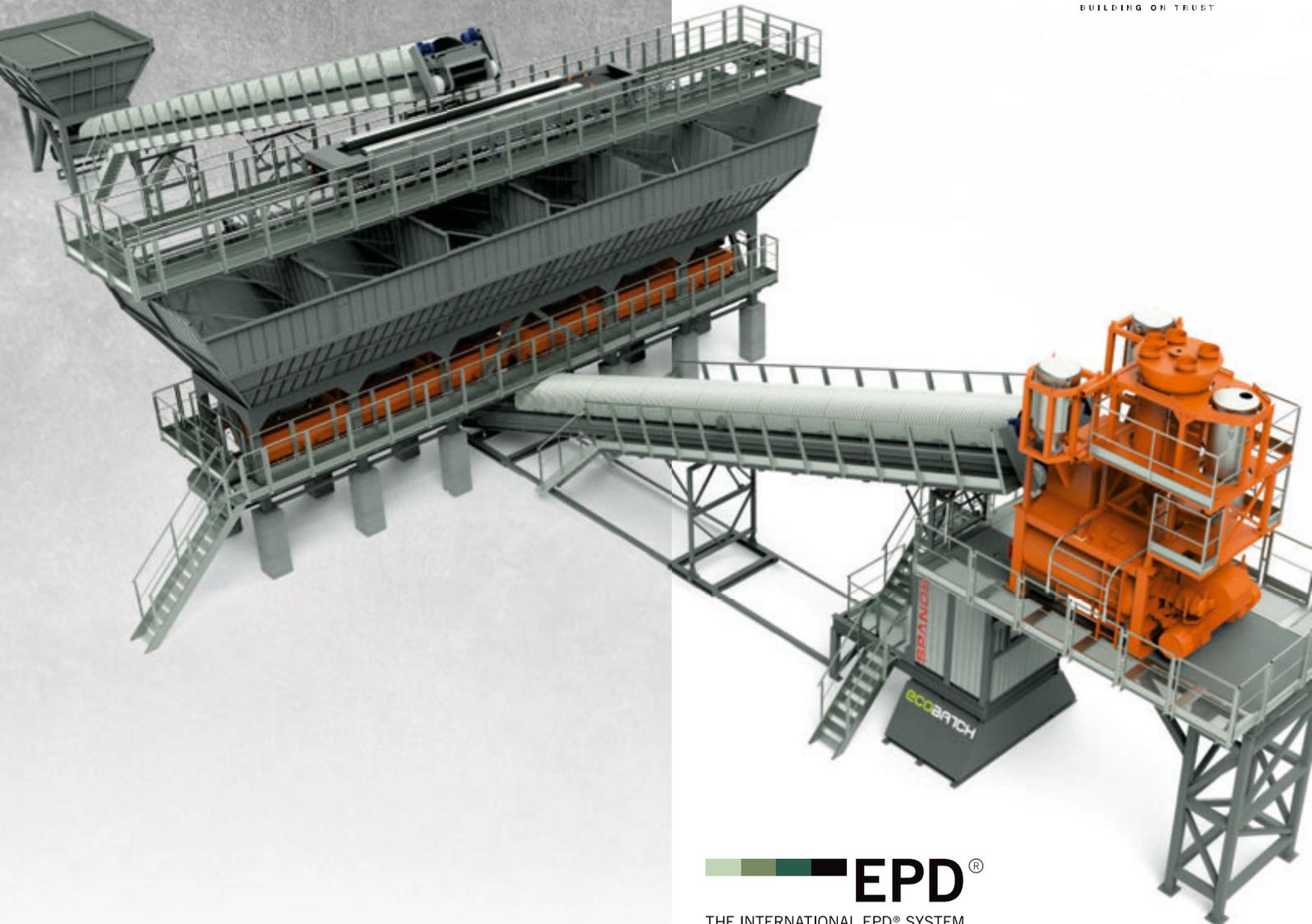


ecobatch[®]

SPANOS
BUILDING ON TRUST



 **EPD[®]**
THE INTERNATIONAL EPD[®] SYSTEM

Sustainability is a strategy of SPANOS Group and a core value that governs all the activities of the company. We see carbon footprint reduction as both a necessity and a business opportunity. Our commitment to sustainable development is reflected in our principles, guides our business activities, and perfectly characterizes the new product line of ECOBATCH® concrete batching plants.

The ECOBATCH® range incorporates 30 years of know-how and latest technologies globally available, thus making it the most advanced batching plant in the market, with the lowest energy consumption per m³ of concrete produced and an optimized environmental footprint, resulting to low CO2 emissions.

ECOBATCH CONCRETE BATCHING PLANTS

To **ECOBATCH** is an energy saving & productivity improvement concrete plant system, designed and developed by **SPANOS Group**, that combines:

- Faster aggregates feeding** through conveyor belts with IC-controlled (inverter) electromotors without the use of holding hopper
- Smart powders, water, and additives dosing methodology**
- Smoother, faster, and more effective mixing** due to gradual feeding sequence of all recipe components, resulting to optimum homogenization, and high-quality ready-mix concrete
- Faster and more efficient mixer discharge**, due to reduced discharge gate size and shorter/slightly inclined discharge hopper, enhancing total mixing time and eliminating maintenance & cleaning
- Smaller total installation space** needed & lower structure (compared to belt-holding hopper plants)
- Ergonomic control cabin location** with integrated electrical panel, requiring significantly shorter cabling of the plant components
- Reduced water quantity for mixer cleaning**, by using part of the weighed water to clean the mixer during production of each batch (optional)

All the above, result to higher productivity, higher quality of ready mixed concrete, lower power used, and less energy consumption.



PATENTED
OBI 1010334



LOW ENERGY
CONSUMPTION



LOW CARBON
FOOTPRINT

A twofold LCA (Life Cycle Assessment) supports:

- the **sustainable environmental performance** of the **ECOBATCH®** through its life cycle and
- the **outstanding energy & productivity performance** during use-phase.

Before installation of each **ECOBATCH®** plant, **SPANOS** provides a detailed environmental footprint table.

After installation and start-up, **SPANOS** provides the exact energy consumption per m³ of concrete produced.

SPANOS Group, has recently become the first manufacturer globally to obtain an **Environmental Product Declaration (EPD)** for concrete batching plants. **ECOBATCH®** by **SPANOS** is patented with number **OBI 1010334**.



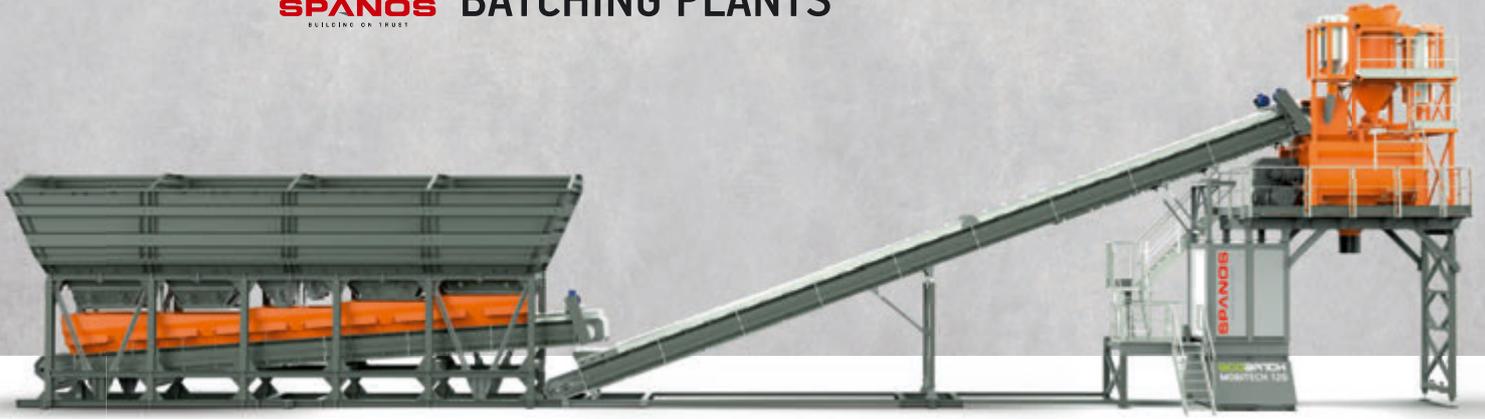
ecobatch[®] MOBILE CONCRETE
SPANOS BATCHING PLANTS
BUILDING ON TRUST



		MOBISPA 65	MOBISPA 80	MOBISPA 100	MOBISPA 135	MOBISPA 155
MAX. PRODUCTION OUTPUT	m ³ /h	65	80	100	135	155
BATCH - VIBRATED CONCRETE	m ³	1	1,5	2	3	3,35
TWIN SHAFT MIXER, SICOMA		MAO 1500/1000	MAO 2250/1500	MAO 3000/2000	MAO 4000/3000	MAO 5000/3350
AGGREGATES STORAGE (OPTIONAL)	m ³	30	30	50	60 (75)	90 (up to 180)
AGGREGATE COMPARTMENTS (OPTIONAL)	nr	4	4	4	4 (5)	6



ecobatch[®] SEMI-MOBILE CONCRETE
SPANOS BATCHING PLANTS
BUILDING ON TRUST



		MOBITECH 65	MOBITECH 80	MOBITECH 100	MOBITECH 120	MOBITECH 135	MOBITECH 155
MAX. PRODUCTION OUTPUT	m ³ /h	65	80	100	120	135	155
BATCH - VIBRATED CONCRETE	m ³	1	1,5	2	2,5	3	3,35
TWIN SHAFT MIXER, SICOMA		MAO 1500/1000	MAO 2250/1500	MAO 3000/2000	MAO 3750/2500	MAO 4000/3000	MAO 5000/3350
AGGREGATES STORAGE (OPTIONAL)	m ³	30 (60)	30 (60)	60 (75)	60 (75)	70 (up to 150)	90 (up to 150)
AGGREGATE COMPARTMENTS (OPTIONAL)	nr	4	4	4	4	4 (5/6)	5 (6)





ecobatch[®] STATIONARY CONCRETE BATCHING PLANTS

SPANOS
SOLUTIONS GROUP

MAX. PRODUCTION OUTPUT	m ³ /h
BATCH - VIBRATED CONCRETE	m ³
TWIN SHAFT MIXER, SICOMA	
AGGREGATES STORAGE (OPTIONAL)	m ³
AGGREGATE COMPARTMENTS (OPTIONAL)	nr



ECOBATCH 65	ECOBATCH 80	ECOBATCH 100	ECOBATCH 120	ECOBATCH 135	ECOBATCH 145	ECOBATCH 155	ECOBATCH 175
65	80	100	120	135	145	155	175
1	1,5	2	2,5	3	3,35	3,35	5
MAO 1500/1000	MAO 2250/1500	MAO 3000/2000	MAO 3750/2500	MAO 4000/3000	MAO 5000/3350	MAO 5000/3000	MAO 7500/5000
30 (50/60/70)	50 (60/75)	60 (75)	60 (75)	60 (up to 180)	75 (up to 180)	180 (up to 360)	180 (up to 360)
4	4	4	4	4 (5/6)	5 (6/8)	6 (8)	6 (8)



ecobatch[®]

SPANOS

BUILDING ON TRUST

QUALITY

Aiming to meet the highest quality standards, SPANOS is using worldwide reputable materials & components manufactured by globally leading suppliers.

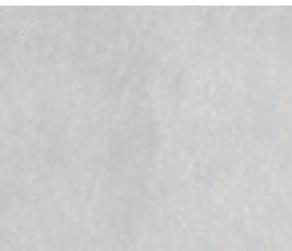


TECHNICAL DOCUMENTATION & AFTER SALES SUPPORT

The plant is accompanied by detailed **Use & Maintenance Manual**, analytical & coded **Spare Parts Catalogue**, and **Electrical Drawings** according to EN 61082 and EN 61346-1, available in several languages.

SPANOS offers 24/7 full **After Sales Service**, uninterrupted and fast spare parts supply as well as operator training via audiovisual material and simulation software even prior to the delivery of each plant.





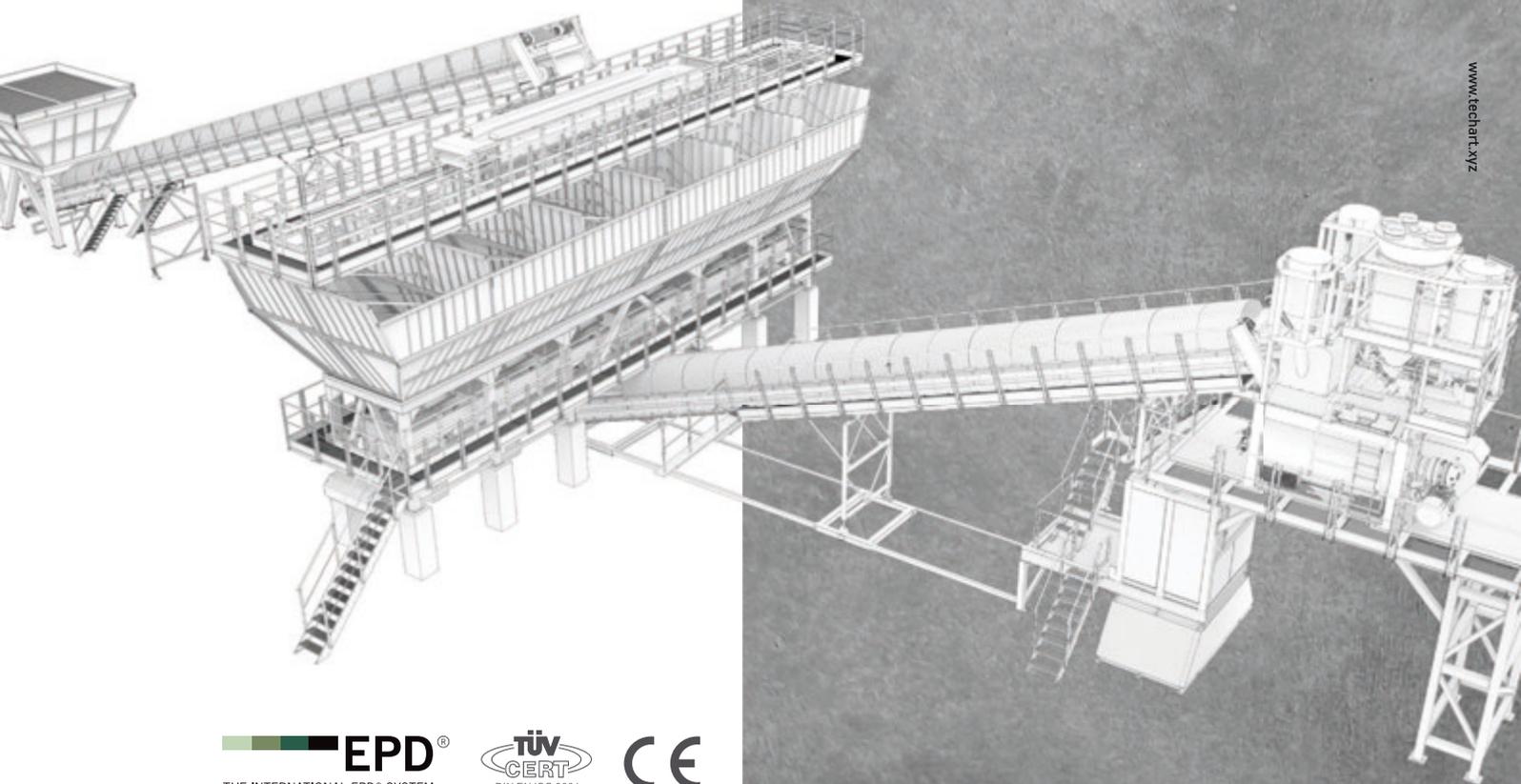


SPANOS GROUP I.K.E.

HEAD OFFICE

Industrial Area of Sindos
Phase C, Block 49, P.O. Box 1252
GR-57022 THESSALONIKI-GREECE
T: +30 2310 586 600
F: +30 2310 586 650

info@spanos-group.com
www.spanos-group.com



www.techart.nyz

