

SPECO

Since 1979



Known as a global top class
hot mix asphalt plant manufacturer

코스닥 상장회사 : Since 1979

SPECO (주)스페코

본사 / 공장

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Listed Company Since 1979

SPECO SPECO LTD.

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You build the road
with **SPECO**, the best
hot mix asphalt plant
supplier in the world.

Contents

- 04 Greeting from CEO
- 06 History & vision
- 08 Asphalt Mixing Plant
- 12 SPECO Batch Master Series (Stationary plant)
- 14 SPECO Mobile Batch Master Series (Portable plant)
- 16 Recycling Hot Mix Plant Series
- 18 Hot Mix Storage Silo
- 20 SPECO Plant Advantages

Greeting from
CEO



Wherever the road construction is, there is **SPECO**

Dear customers,

First of all, we would like to express our highest appreciation to your constant heartfelt support, and pray for our successful marketing to become a fruitful result for you as always.

Since 1979, SPECO has become a global market leader with its 3 decades of experience, state-of-art technology, and global top class quality products. SPECO has taken a part in developing, manufacturing, and supplying a hot mix asphalt plant, ready mix concrete plant, and crushing plant for both domestic, and international markets, including over 50 countries worldwide.

SPECO is situated in Eumseong-Kun, Chungcheongbuk-Do, the Republic of Korea where the cutting-edge technologies have been generated. Supported by 170,000 sq. m's magnificent estate with modern manufacturing facilities, office building, and dedication of its respectable experts, and staffs, SPECO has been able to develop advance technologies in plant industries, and expand its business to manufacture military equipments, and environment facilities.

With our global marketing strategy, we successfully launched SPECO China branch in 1998, and are planning to extend more manufacturing facilities to India, Vietnam, Middle East countries, and Russia as our mission, and vision of providing the best support to our dedicated agents, and distributors in worldwide network.

The policy of constant development to meet both customer's needs, and environmental improvement has become the best property, and objective of SPECO. From the designing stage, all products are manufactured to correspond with customer's requirements, and benefits under up-to-date standard.

SPECO has relied on the fact that the happiness, success, and convenience of customers have been our main target, and responsibility, and will have kept pursuing for those objectives for the future. In addition, SPECO will be able to promise its everlasting success for further 100 years.

Last but not least, SPECO will continuously strive to improve talented human resources, and advanced technologies as our commitment to our prestigious customers.

We are looking forward to serve you for your greatest satisfaction with our innovative products.

Sincerely Yours

CEO / SPECO
Executives, and staff members

1979		1996	The company name has been changed into SPECO Ltd. Listed in KOSDAQ stock market.	1998	M&A with Halla heavy industry plant division U.S.A. branch office has been established.
	1982		1997		1999
Shin Saeng plant has been established.		Acquired ISO9001	Technical collaboration with LAB, France Shanghai branch office has been established.		Cooperated technically with LAB, France
2000		2006		2009	
	Won productivity growth prize in Korea prime minister's award		Won 20 million dollar's export prize in Korea prime minister's award		Won 30 million dollar's export prize in Korea prime minister's award
	2001		2007		2010
SPECO Eumseong H.Q. has been established		SPECO Plant Ltd. has been established.	SPECO Wind power factory has been established in Mexico		

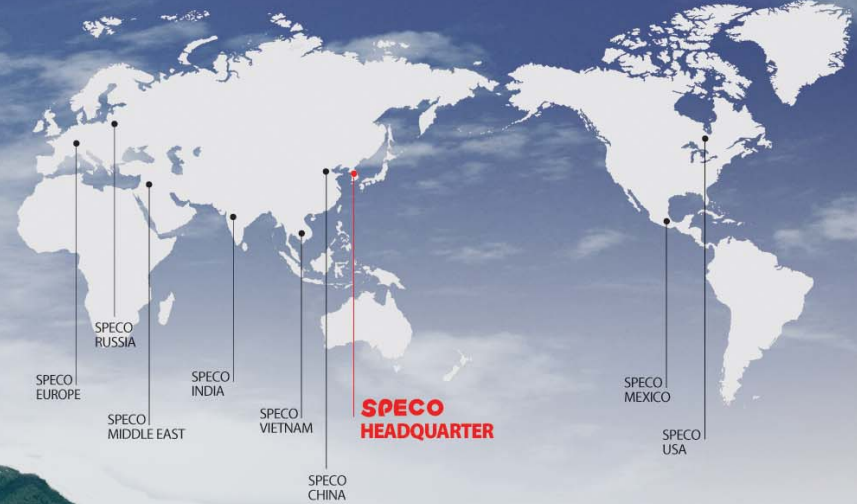
2011

Everlasting
success for 100
years further



The global top class company in 21st century with top quality products, and state-of-art technology

In 1979, SPECО launched its 1st plant business, and has rapidly grown to become one of the biggest manufacturer of hot mix asphalt plant, ready mix concrete plant, and crushing plant in the world.



Hot mix Asphalt Plant

SPECO is one of the leading manufacturer of hot mix asphalt plant, ready mix concrete plant, and crushing plant with 33 years of accumulated experiences, technologies, and knowhow since its establishment 1979. SPECO has developed a innovative fuel gas treatment system to preserve environment. SPECO marketing, engineering, and production teams have done their best effort to provide an innovation for customers as always.



SPECO Batch Master Series (Stationary plant)



As a number one leader of hot mix asphalt plant manufacturing business in the Republic of Korea, SPECO has continuously developed cutting-edge technologies, and pursued an innovation for customer's needs.

SPECO innovations have already been proven at the job site, and provided high performance, efficiency, durability, the accuracy of all weighing units, perfect control system, and environment friendly solutions for customers. SPECO is doing the best effort to develop the better solutions for increasing productivity, and efficiency.

MODEL	CAPACITY
Batch Master 500	MAX. 40 TON/HR
Batch Master 800	MAX. 64 TON/HR
Batch Master 1000	MAX. 80 TON/HR
Batch Master 1300	MAX. 104 TON/HR
Batch Master 1550	MAX. 124 TON/HR
Batch Master 1700	MAX. 136 TON/HR
Batch Master 2000	MAX. 160 TON/HR
Batch Master 2200	MAX. 176 TON/HR
Batch Master 2500	MAX. 200 TON/HR
Batch Master 3000	MAX. 240 TON/HR
Batch Master 4000	MAX. 320 TON/HR

SPECO Mobile Batch Master Series (Portable plant)



All SPECO mobile units are dynamic, and versatile. For prompt mobility with fully automatic control of drying, weighing, mixing, and discharging, SPECO mobile batch master features easy transportation, simple installation, and dismantlement, and finally materializes the compact design of cold bin, dryer, batch tower, bag filter house, tanks, and silos

MODEL	CAPACITY
Mobile Batch Master 800	64 Ton/Hr
Mobile Batch Master 1000	80 Ton/Hr
Mobile Batch Master 1300	100 Ton/Hr
Mobile Batch Master 1500	120 Ton/Hr
Mobile Batch Master 2000	160 Ton/Hr



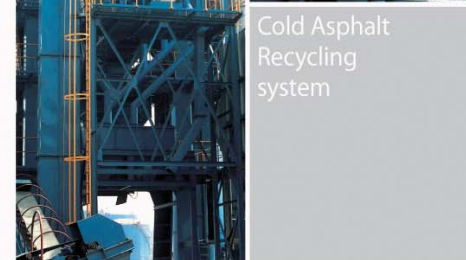
Portable Plant installed in USA

SPECO Asphalt Recycling Plant



From time to time, aged roads are to be rebuilt, creating waste asphalts, and SPECO recycling hot mix plant is the only solution for that. All waste asphalt can be reproduced as quality hot mix asphalt through SPECO recycling system.

MODEL	CAPACITY
SPECO RAP 60SR	MAX. 60 TON/HR
SPECO RAP 90SR	MAX. 90 TON/HR
SPECO RAP 120SR	MAX. 120 TON/HR





Hot Mix Storage Silo



Skip type

Under-Mixer type



The hot mix storage silo is a heated silo device to preserve hot mix asphalt under ambient time, and temperature. There are two types of storage silo such as 1)Skip hot mix silo; a separate silo facility using skip car technology to load, and unload hot mix asphalt, and 2)Under mixer hot mix silo; a built-in silo facility using section partition method.

Range of storage capacity
30 ~ 300 ton



SPECO Plant Advantages



Overall Advantages

- Based on the innovative technology of mixer, overall productivity increases up to 20%, depending on the mixture design, and maintenance costs can be saved by 20%.
- Unlike any other conventional dryers with irregular inner flight design, SPECO dryer materializes complete aggregate curtain to maximize the heating efficiency.
- SPECO low noise burner utilizes a trochoid pump using low pressure of 10Kg/Cm(2) to reduce the noise, and with compressed air supply, the complete combustion can be materialized as always.

Dryer

By the innovative flight design, the aggregates curtain is formed immediately after the feeding section, and keeps smoothly moving forward up to the burner chamber, then, flows toward the discharge chute no longer forming aggregates curtain. Dryer support rollers are fixed on the frame with a center pin, so, the dryer position shall not be changed, and factory pre-alignment is widely applied for easy adjustment.



Mixer

- Direct drive twin shafts are driven by two individual motors with eight V-belts that transfer sufficient power to smoothly drive shafts.
- Optimized design offers 20% more productivity.
 - Arm protector, and coated tip enable five times longer life.
 - Dust, and bitumen contamination to the mixer cylinder is avoided by a side cylinder design.
 - Low noise creation by V-belt driving.



100% High Density Tungsten Tip Protector
guarantee Long Life & Durability



Low Noise Burner

SPECO low noise burner is originally invented by SPECO, and patented. Unlike any other conventional fuel atomizing burners, SPECO burner utilizes air atomizing system which gives low fuel consumption, and 100% combustion. For safety feature, a turbo fan damper is automatically adjusted by the supplied air, and fuel ratio.

SPECO Plant Advantages



Dust Collecting System (Primary de-duster, & bag filter house)

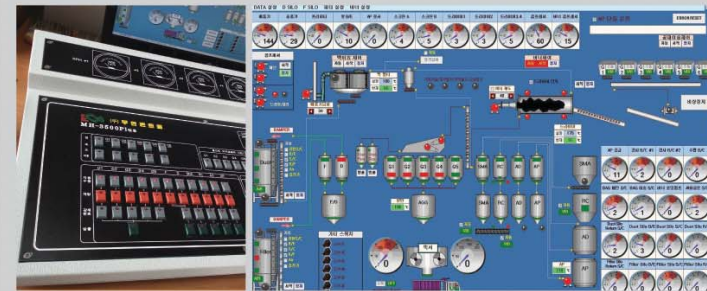
SPECO bag filter house is designed to provide the largest volume for give airflow with filter bag cleaning system by the pulse jet air. Coupled with a bag filter house, a primary de-duster is also provided above the dryer. The air header is mounted on the top of bag filter house for easy access, and maintenance work.

- Maximized airflow, and filtration
- Temperature detector for bag protection.
- Efficient bag cleaning by air pulse jet.
- Easy access, and maintenance by top mounted air headers.

Other components



Creased belt conveyor for feeder units



Artificial intelligent system (AIS), and human machine interface (HMI) for control panel.



Plug, and socket connection for electric wiring.

Neat arrangement of hot bin air cylinder, and lever for an accurate weighing system.



The expertise, creative mind, and passion are **SPECO** motto, and **SPECO** always provides the best hot mix asphalt plant in the world.

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