



Express

Simgetype

Greentype

Majestic

## ASPHALT PLANTS



The brand of innovative breakthroughs



**E-MAK**  
SIMGEGROUP

# MAJESTIC

HIGH PRODUCTION CAPACITY  
IDEAL FOR METROPOLITAN PROJECTS  
DOUBLE SIEVE PROVIDES  
QUICK MIXTURE DESIGN CHANGE



NEW GENERATION CONCEPT  
ENVIRONMENTALLY FRIENDLY  
SUITABLE FOR ALL PROJECTS

*greentype*





E-MAK "MAJESTIC" series asphalt plants are designed and manufactured especially for highway and metropolitan city projects which require high capacity asphalt production.

E-MAK "MAJESTIC" series asphalt plants are designed especially for clients planning to work in a stationary position for a long period of time and producing several types of asphalt at the same time.

- Especially designed for Metropolitan Cities
- Ideal for highway projects
- High performance, low energy consumption
- Quality and long-life components
- HI-TECH automation system
- Can be integrated with Simge Challenger

	260 t/h	280 t/h	320 t/h	350 t/h
<b>Cold Silo Capacity</b>	6 pcs		8 pcs	
	20m <sup>3</sup>			
<b>Dryer</b>	DRY-24/ 936		DRY-25/ 1015	
<b>Type</b>				
<b>Length x Diameter</b>	Ø 2.400X 9.360 mm		Ø 2.500X 10.150 mm	
<b>Drive</b>	4 x 22 kW		4 x 30 kW	
<b>Burner Capacity</b>	20.000.000 kcal/h	22.000.000 kcal/h	24.000.000 kcal/h	28.000.000 kcal/h
<b>Fuel</b>	Solid - Liquid- Fuel **			
<b>Filter</b>	Vertical Type Atmospheric Filter			
<b>Fan Capacity ***</b>	70.000 m <sup>3</sup> /h		85.000 m <sup>3</sup> /h	
<b>Filtration Area</b>	1.000 m <sup>2</sup>		1.000 m <sup>2</sup>	
<b>Mixer Group</b>	6+1			
<b>Sieve (Fraction pc)</b>	2 X SIV- W 46-600			
<b>Sieve Type</b>	2 x Dual vibration motor			
<b>Vibration Type</b>				
<b>Hot Silo Capacity</b>	125 t			
<b>Aggregate Scale</b>	3.250 kg	3.500 kg	4.000 kg	4.500 kg
<b>Filler Scale</b>	350 kg		450 kg	
<b>Bitumen Scale</b>	300 kg		450 kg	
<b>Mixer Capacity (Batch kg)</b>	3.250 kg	3.500 kg	4.000 kg	4.500 kg
<b>Bitumen Service Tank</b>	2x60 m <sup>3</sup> Vertical prismatic tank			
<b>Additional Units</b>	Packet, liquid + powder additive + cold recycling			
<b>Filler System</b>	10m <sup>3</sup> Service silo + 30 m <sup>3</sup> Stock silo (Specific automation)			
<b>Hot Mix Silo</b>	Under mixer 150 t double compartment + upto 4 bunker with horizontal wagon+ 5 t discard silo			
<b>Control Cabin</b>	Container type, insulated			
<b>Accessories</b>	2.000 kg electrical commanded crane			

\* = Values are standard and may be increased optionally.  
 \*\* = Optional  
 \*\*\* = Alterable according to climate

# SIMGE TYPE

## INNER-CITY OPTIMUM PRODUCTION CAPACITY



E-MAK "Simge Type" series asphalt plants are especially designed and manufactured for medium scaled asphalt production facilities with a 180-240ton/hour asphalt production capacity.

E-MAK "Simge Type" series asphalt plants are suitable for a wide range of asphalt production at minimum operating costs.

E-MAK "Simge Type" series asphalt plants have a wide range of options providing appropriate combinations for client requirements.

E-MAK "Simge Type" series is environmentally friendly and due to its modular structure is easy to transport, assemble and maintain.

- Heavy-duty type
- Minimum energy consumption
- Low operating costs
- High production efficiency
- Easy maintenance and spare parts
- Quality and long-life components
- User friendly, high technology control systems
- Easy access from all over the world via modem
- Moisture sensor allows automatic burner flame control
- Granular, liquid and packaged additive system.
- Able to work as Twin plant
- Can be integrated with Simge Challenger
- Transportation by 13 TIR's\*
- Assembly within 20 days

\*2.5x3x13.60m with canvas-normal

<b>Cold Silo Capacity</b>	180 t/h	200 t/h	240 t/h
	5 pcs		
	12,5 m <sup>3</sup>		
<b>Dryer Type</b>	DRY-20/936	DRY-22/936	DRY-24/936
	Length x Diameter		
	Ø2.000 x 9,360 mm		
<b>Drive</b>	4 x 18,5 kW		4 x 22 kW
<b>Burner Capacity Fuel</b>	12.500.000 kCal/h	12.500.000 kCal/h	16.000.000 kCal/h
	Solid - Liquid- Fuel **		
<b>Filter Fan Capacity ***</b>	Vertical Type Atmospheric Filter		
	40.000 m <sup>3</sup> /h	55.000 m <sup>3</sup> /h	
	540 m <sup>2</sup>	750 m <sup>2</sup>	
<b>Mixer Group</b>			
<b>Sieve (Fraction pc)</b>	4+1 or 5+1		
<b>Sieve Type</b>	SIV 234 / SIV 235		
<b>Vibration Type</b>	Dual vibration motor		
<b>Hot Silo Capacity</b>	32 t		
<b>Aggregate Scale</b>	2.250 kg	2.500 kg	3.000 kg
<b>Filler Scale</b>	200 kg	250 kg	275 kg
<b>Bitumen Scale</b>	250 kg		
<b>Mixer Capacity (Batch kg)</b>	2.250 kg	2.500 kg	3.000 kg
<b>Bitumen Service Tank</b>	60 m <sup>3</sup> Vertical prismatic tank		
<b>Additional Units</b>	Packet, liquid + powder additive+ cold recycling		
<b>Filler System</b>	3 m <sup>3</sup> Service silo + 15 m <sup>3</sup> Stock silo (Specific automation)		
<b>Hot Mix Silo</b>	70 t (With wagon)	100 t (With wagon)	70+100 t (With wagon)
<b>Control Cabin</b>	Container type, insulated		
<b>Accessories</b>	1.500 kg electrical commended crane		
* = Values are standard and may be increased optionally.			
** = Optional			
*** = Alterable according to climate			



E-MAK "Express" series asphalt plants are especially designed and manufactured for small and medium scaled asphalt production facilities with a production capacity of 80-180ton/hour

E-MAK "Express" series asphalt plants are preferred by inner-city road and highway projects that require mobility.

E-MAK "Express" series has a wide range of options that provide appropriate combinations for client requirements.

E-MAK "Express" series is environmentally friendly and due to its modular structure is easy to transport, assemble and maintain.

- Suitable for heavy-duty conditions
- Minimum energy consumption
- Low operating costs
- High production efficiency
- Quality and long-life components
- User friendly, high technology control systems
- Easy access from all over the world via modem
- Able to work as Twin plant
- Can be integrated with Simge Challenger
- Transportation by 11 TIR's\*
- Assembly within 10 days

\*2.5x3x13.60m with canvas-normal

	80 t/h	120 t/h	140 t/h	160 t/h	180 t/h
<b>Cold Silo Capacity</b>	4 pcs		5pcs		
	12,5m <sup>3</sup>				
<b>Dryer Type</b>	DRY-17/600	DRY-17/783		DRY-17/862	DRY-20/936
<b>Length x Diameter</b>	Ø1.690x6.000mm	Ø1.690 x 7.830 mm		Ø 1.690x8.620mm	Ø2.000x9.360mm
<b>Drive</b>	2 x 11 kW	4 x 7,5 kW	4 x 11 kW	4 x 15 kW	4 x 18,5 kW
<b>Burner Capacity Fuel</b>	4.500.000 kcal/h	6.000.000 kcal/h	7.500.000 kcal/h	10.000.000 kcal/h	12.000.000 kcal/h
	Solid - Liquid- Fuel **				
<b>Filter</b>	Vertical Type Atmospheric Filter				
<b>Fan Capacity ***</b>	22.000m <sup>3</sup> /h	26.000m <sup>3</sup> /h	30.000m <sup>3</sup> /h		40.000m <sup>3</sup> /h
<b>Filtration Area</b>	250 m <sup>2</sup>	500 m <sup>2</sup>		600 m <sup>2</sup>	
<b>Mixer Group</b>	4 + 1				5 + 1
<b>Sieve (Fraction pc)</b>	SIV 124				SIV W 35-500
<b>Sieve Type</b>	Single eccentric with shaft				Dual vibration motor
<b>Vibration Type</b>					
<b>Hot Silo Capacity</b>	25 t				27 t
<b>Aggregate Scale</b>	1.000 kg	1.500 kg	1.750 kg	2.000 kg	2.250 kg
<b>Filler Scale</b>	200 kg				
<b>Bitumen Scale</b>	160 kg				200 kg
<b>Mixer Capacity (Batch kg)</b>	1.000 kg	1.500 kg	1.750 kg	2.000 kg	2.250 kg
<b>Bitumen Service Tank</b>	30m <sup>3</sup> Horizontal cylindrical				
<b>Additional Units</b>	Packet, liquid & filler additive				
<b>Filler System</b>	3 m <sup>3</sup> Service silo + 15 m <sup>3</sup> Stock silo				
<b>Hot Mix Silo</b>	Upon request				
<b>Control Cabin</b>	Container type, insulated				
<b>Accessories</b>					1.500 kg electrical command crane
	* = Values are standard and may be increased optionally.				
	** = Optional				
	*** = Alterable according to climate				

E-MAK "Green Type" series asphalt plants are especially designed and manufactured for medium scaled asphalt production facilities and appropriate for all types of asphalt paving.

E-MAK "Green Type" asphalt plants are manufactured with innovative technology to endure consistent and heavy duty production according to clients' expansive requirements.

E-MAK "Green Type" asphalt plants are environmentally friendly and have minimum operating costs. Suitable for future technological integrations which meet all demands due to its large area structure on all floors.

E-MAK "Green Type" asphalt plants are easy to transport, assemble and maintain due to their modular structure.



- Environmentally friendly design as it can be covered easily
- Ideal for mastic and stone mastic asphalt production
- Suitable for heavy-duty conditions
- Minimum energy consumption
- Low operating costs
- High production efficiency
- Easy maintenance
- Quality and long-life components
- User friendly, high technology control systems
- Easy access from all over the world via modem
- Granular, liquid and packaged additive system
- Able to work as Twin plant
- Can be integrated with Simge Challenger
- Transportation by 16 TIR's\*
- Assembly within 20 days

\*2.5x3x13.60m with canvas-normal

	200 t/h	220 t/h	240 t/h
<b>Cold Silo Capacity</b>	6 pcs 12,5 m <sup>3</sup>		
<b>Dryer Type</b>	DRY-22/936		DRY-24/936
<b>Length x Diameter</b>	Ø2 200 x 9,360 mm		Ø2.400 x 9,360 mm
<b>Drive</b>	4 x 18,5 kW		4 x 22 kW
<b>Burner Capacity Fuel</b>	12,500,000 kcal/h		16,000,000 kcal/h
	Solid - Liquid- Fuel**		
<b>Filter Fan Capacity ***</b>	Vertical Type Atmospheric Filter 55.000 m <sup>3</sup> /h		
<b>Filtration Area</b>	750 m <sup>2</sup>		
<b>Mixer Group</b>	Sieve (Fraction pc) 5 + 1		
<b>Sieve Type</b>	SIV W35-600		
<b>Vibration Type</b>	Dual vibration motor		
<b>Hot Silo Capacity</b>	35 t		
<b>Aggregate Scale</b>	2.500 kg	2.750 kg	3.000 kg
<b>Filler Scale</b>	200 kg		250 kg
<b>Bitumen Scale</b>	250 kg		
<b>Mixer Capacity (Batch kg)</b>	2.500 kg	2.750 kg	3.000 kg
<b>Bitumen Service Tank</b>	60 m <sup>3</sup> Vertical prismatic tank		
<b>Additional Units</b>	Packet, liquid & filler additive		
<b>Filler System</b>	3 m <sup>3</sup> Service silo + 15 m <sup>3</sup> Stock silo (Specific automation)		
<b>Hot Mix Silo</b>	150 t double compartment + 5 t discard silo		
<b>Control Cabin</b>	Container type, insulated		
<b>Accessories</b>	1,500 kg electrical commanded crane		
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