

CUSTOMIZED
DESIGN

GREENMAX[®]
INTCO RECYCLING



INTCO RECYCLING

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GAIA SERIES GRANULATORS

CUSTOMIZED
DESIGN

More Optional Solutions
Customized For You

EN
2022.4

■ TECHNICAL DATA

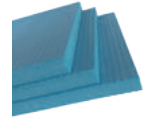
CONTENT

1/ G -EPS

2/ G -EPE

3/ G -EPP

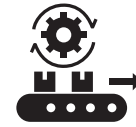
■ APPLICABLE MATERIALS:

TYPE	G-EPS	G-EPP	G-EPE	G-XPS	-
MATERIALS	EPS	EPP	EPE	XPS	Rigid Plastic
					-



GAIA

■ ADVANTAGES OF GAIA SERIES



1. Production automation, manpower saving.



2. Perfect adaption to multiple materials processing system.



3. Space saving and maintenance friendly



4. The lower investment cost for high quality and durable machines.



5. Online installation guidance and other training service are available.



6. Customized design, which can be used stand-alone, integrated into the complete system with the shredder and compactor, or even into washing lines.

■ TECHNICAL DATA

- ① Conveyor
- ② Crusher (Motor Power: 2*4kw)
- ③ Fan (Motor Power: 7.5kw)
- ④ Hopper (Volume: $\approx 15\text{m}^3$)
- ⑤ Screw Feeder (Motor Power: 2.2kw)
- ⑥ Melter (Motor Power: 22kw)
- ⑦ Granulator (Motor Power: 7.5kw)
- ⑧ Filter (Filter Mode: Double Plate Type, Hydraulic Motor Power: 3kw)
- ⑨ Pelletizing System (Pelletizing Motor Power: 3kw)
- ⑩ Pelletizing System (Conveying Fan Power: 3kw)

■ G-EPS

EPS GRANULATION PRODUCTION LINE
100KG/H

BEFORE ►



AFTER ▲



■ TECHNICAL DATA

Single Screw Granulation Machine

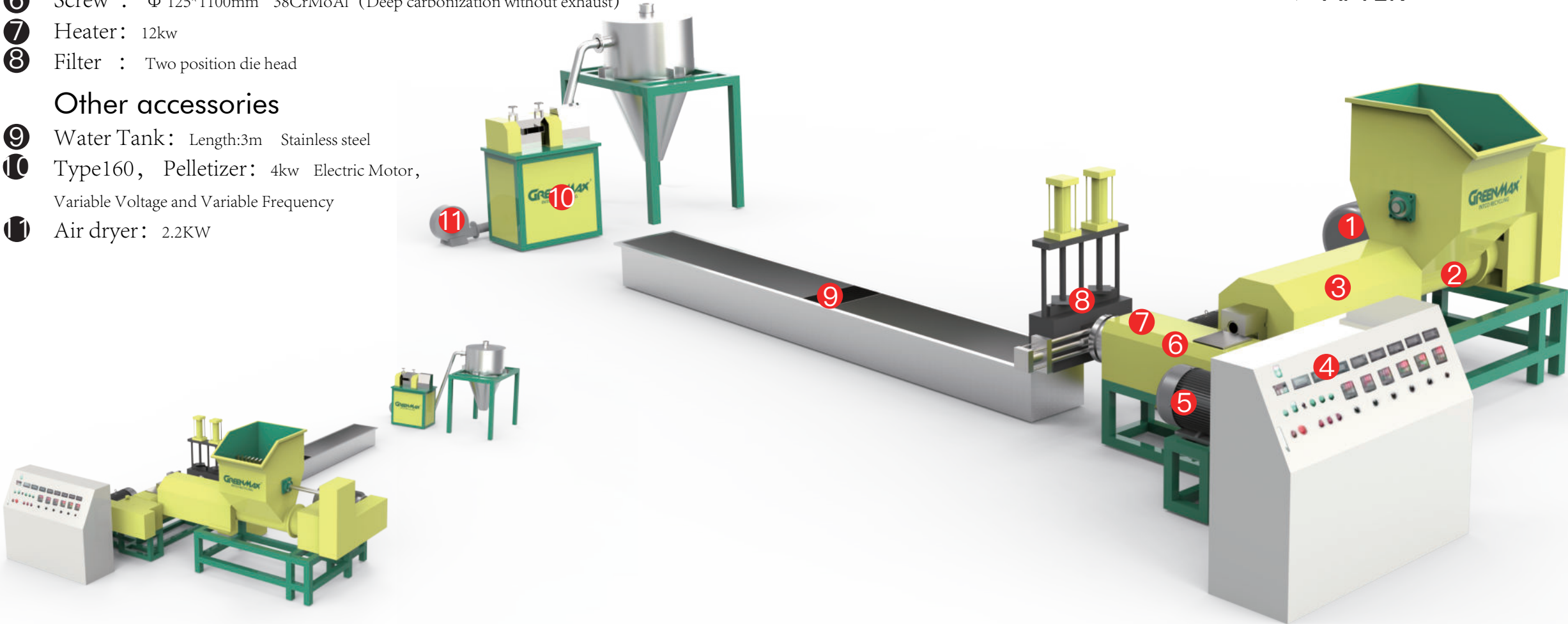
- ① Motor: 37 kw
- ② Screw : Φ 300*2000mm S45C
- ③ Heater: 37.4kw
- ④ Electric Control Box :
Main Engine: Star-delta Starting
Auxiliary Engine: Variable Frequency Starting
6 Sets of Temperature Control Systems

Auxiliary Machine

- ⑤ Motor : 11kw Variable Frequency Starting
- ⑥ Screw : Φ 125*1100mm 38CrMoAl (Deep carbonization without exhaust)
- ⑦ Heater: 12kw
- ⑧ Filter : Two position die head

Other accessories

- ⑨ Water Tank: Length:3m Stainless steel
- ⑩ Type160, Pelletizer: 4kw Electric Motor ,
Variable Voltage and Variable Frequency
- ⑪ Air dryer: 2.2KW



■ G-EPE

EPE GRANULATION PRODUCTION LINE
150~250KG/H



► BEFORE



► AFTER

■ TECHNICAL DATA

① Crusher

Motor Power: 2*5.5kw
Width of crushing bin:1500mm

② Silo System

Fan Motor Power: 7.5kw
Stirring Motor Power:2*4kw 1*3kw

③ Screw Feeder

Motor Power: 3kw

④ Crushing

Motor Power: 4kw

⑤ Melter

Motor Power: 18.5kw

⑥ Extruder

Screw Material: 38CrMoA1A
Motor Power: 22kw

⑦ Filter Changer

Filter Changing Mode: Hydraulic type
Material: High quality alloy steel

⑧ Water Cooling

Material: stainless steel

⑨ Pelletizing System

Motor Power: 4kw

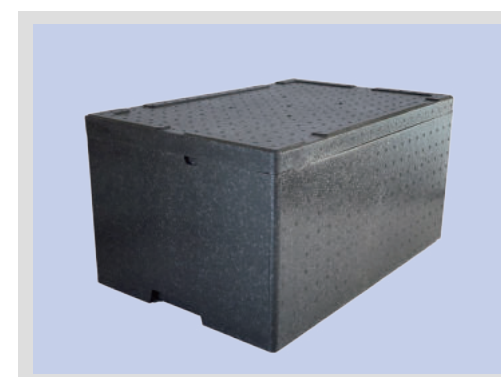
⑩ Storage System

Motor Power: 3kw

■ G-EPP

EPP Granulation Production Line

50kg/h



► BEFORE



► AFTER

