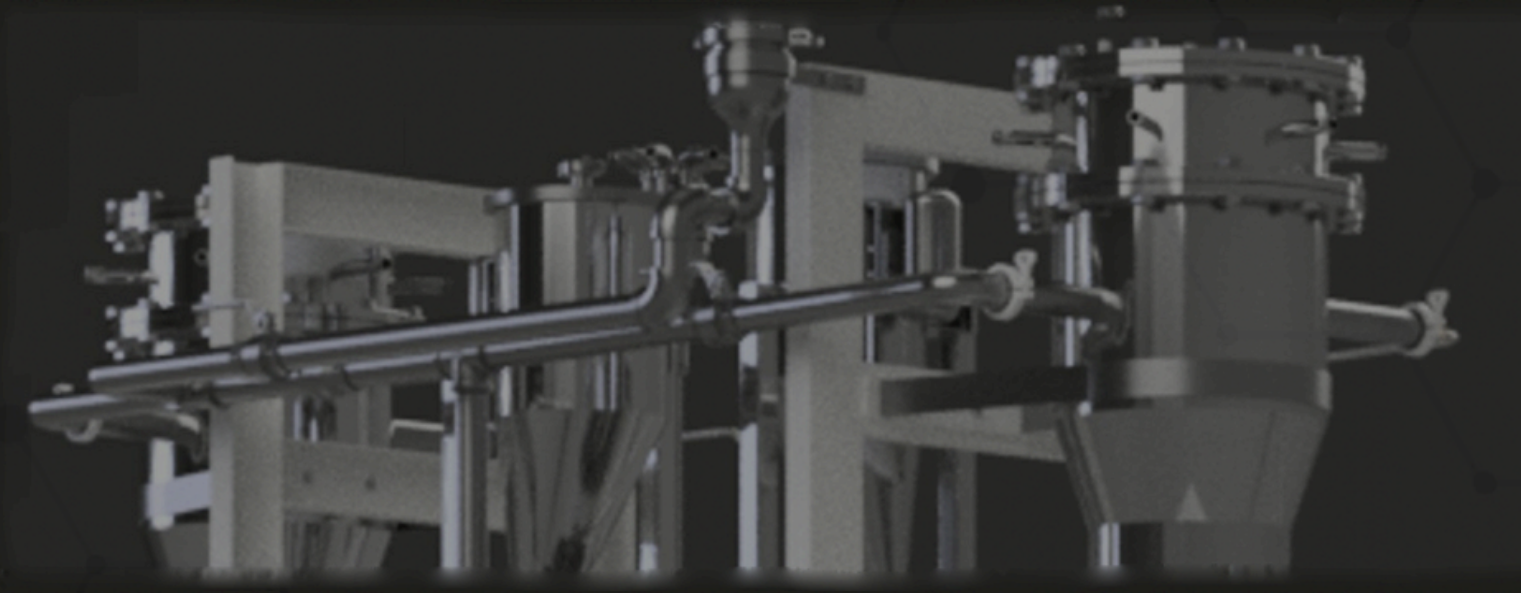
NANOMATICS

Waste In. Value Out.

That’s the VULTURE’s promise



VULTURE is a modular system that converts plastic waste into carbon nanotubes, hydrogen and pyrolysis oil — three high-demand products powering sustainable manufacturing and energy markets

CIRCULAR ECONOMY

- Turns waste into resources
- Reduces waste pollution

SCALABILITY

- Modular architechture
- Rapid deployment

INDUSTRIAL DEMAND

- Pathway to higher profits
- Business growth

ONE VULTURE MODULE

(600 kg/day plastic waste per 1 module, modules are stackable)

PLASTIC WASTE

- Polyethylene
- Polypropylene
- Mixed polyolefins
- Contaminated plastics

80 kg/day

NEWNANO
Sustainable Carbon Nanotubes

- specialty chemical for manufacturing Li-ion batteries, rubber, polymer resins, paints, coatings, concrete

240 kg/day

PYRO-OIL
Refinery feedstock and fuel

- naphtha substitute for petro-chemicals, virgin plastics
- industrial fuel

60 kg/day

HYDROGEN
Low-carbon fuel

- energy source for industrial processes, vehicles

VULTURE BENEFITS

- Proven performance — validated at TRL 7 with operational pilot in Singapore
- Ready-to-deploy process — system with established production protocols
- Sustainability impact — diverts plastic waste, supports circular economy

OUR OFFER

- Flexible investment pathways — JV, licensing, or direct ownership
- Pre-deployment support — feasibility, business case
- After sales support — training, maintenance, optimization

Recover value from waste. Build sustainable future.

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