



GREEN Eco PRO



AIR



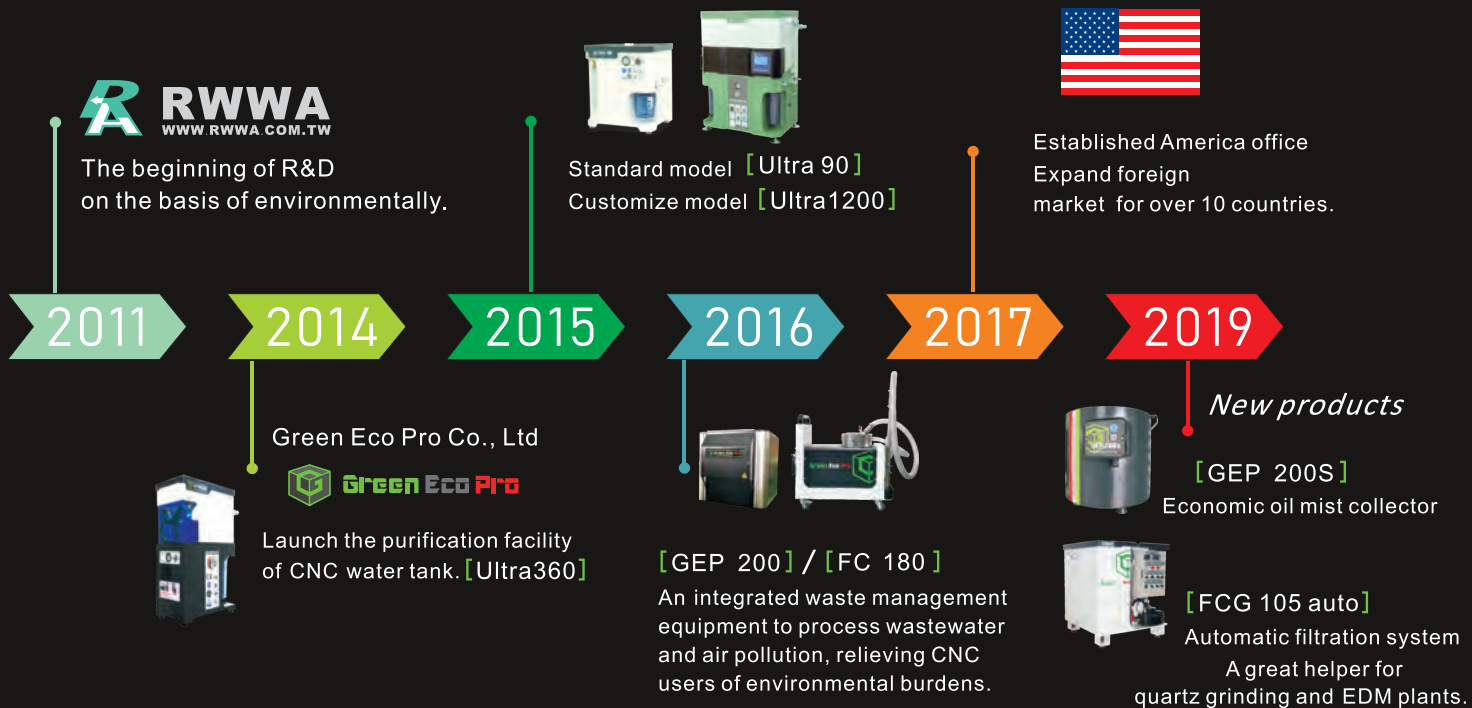
WATER



WASTE



CUSTOMIZATION



Our Mission

Green Eco Pro, also known as the sweeper in all industries, provides environmental solutions for customers, adhering to the concepts of independent R&D and innovation. It integrates the equipment of air, water, and waste control to build a friendly environment of recycling, zero-emission, and zero-pollution.

The products of Green Eco Pro apply to all kinds of CNC milling machine, lathe, machining center of gantry type, lathe and milling composite machine, ultraspindle machining center, The products are safe and reliable, with no consumables and exclusive patents. In recent years, Green Eco Pro has received high recognition and recommendation among machinery manufacturers and metal processing industries.

Your Best Choice

The independent R&D team took the lead in acquiring several patents. The products are sold around the world, including Europe, America, Japan, Southeast Asia, and mainland China, where the MIT products have their quality proven and gained reputation.

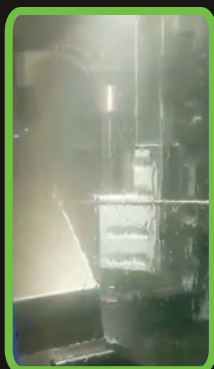
All of these achievements can be attributed to Green Eco Pro's operating principles: protect the environment, continued innovation, business trustworthiness, and sustainable development.

With its advanced technology, high-tech equipment, and professionals, Green Eco Pro provides the customers with comprehensive consultation and recommendations to improve environmental quality.





AIR

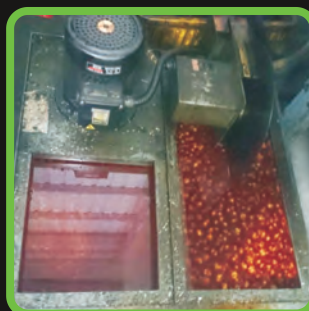
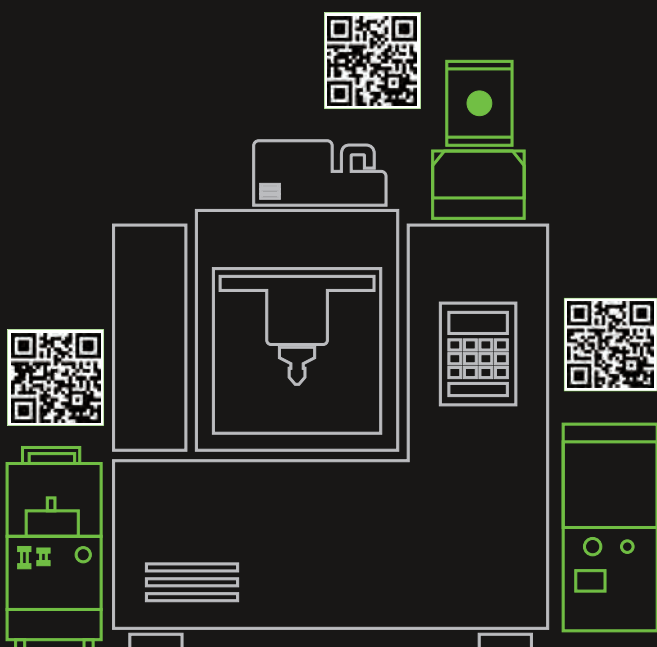


Pollution source

Oil mist
Smoke
Steam
Suspended particles



WATER



Pollution source

Leakage of oil
Rust preventive oil
Extra oil
Suspended material



WASTE



Pollution source

Chips
Sludge



Oil Mist Collector

GEP series



Economically S series

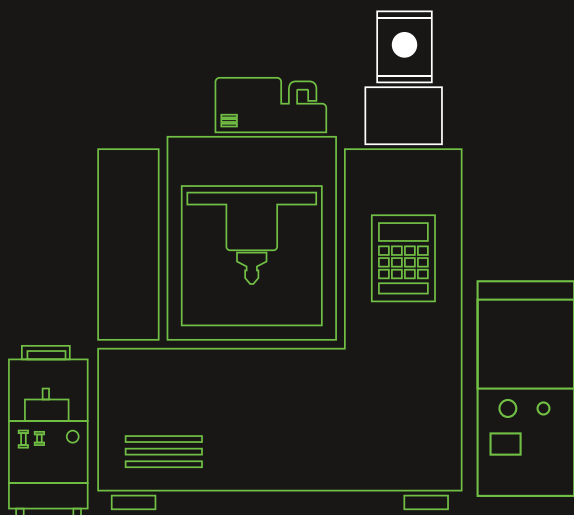
GEP - 200S

Smart alert series

GEP - 160

GEP - 200

GEP - 300



[Installation straight]

[Optional:
Vertical lift kit field installation]



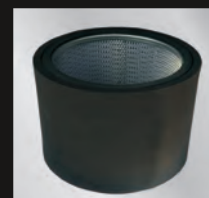
Features

- Upright design to extend operating life of motor
- 99% oil reclaim to extend operating life of the smoke filtration cartridge
- Low vibration for higher precision machining
- Low noise for a pleasant working environment
- Install IE3 ultra-high efficient motor.

Smart alert flagship series

Multiple filter net

Pleated oil-proof 30% filter material
Reusable
Filter out 5micro particles



Full range of oil mist Collectors

High effectual Filter tube

Modularized high efficiency
Air filter removes cutting
oil smoke particles
Intercepts 1 micro particles



Economically efficient S series

Triple filter cotton and element

Three layers of special filter
materials for smoke .
Economical filter material



Specifications

All features, benefits and specifications are subject to change without notice

Model	GEP - 200S	GEP - 160	GEP - 200	GEP - 300	Unit
Power Supply	220 / 380				V
Current	1.7 / 1.18			2.74 / 1.76	A
Motor (hp)	0.4 (1/2HP)			0.75 (1 HP)	kw (IE3)
Frequency	50 / 60				Hz
Sound Level	65			73	dB
Vibration	0.7	0.6		0.9 ~ 1	mm/s
Air Flow	15.5 / 18	14 / 16	17.5 / 20	26 / 30	M³/min
Inhale Caliber	150 / 6				mm/inch
Rotating Speed	2860 / 3440			2875/3455	R.P.M
Net Weight	26 / 57	36.5 / 80.4	42 / 92.5	56.5 / 124.5	Kg / lb
Dimension	H 340 × Ø 380	390 × 450 × 380	420 × 480 × 420	500 × 570 × 490	mm
Machines Fully Cover Volume	1 ~ 4	1 ~ 4	4 ~ 5	5 ~ 7.5	M³
Features					
Filter Element	Washable/Reusable				Standard
Operate Indicator Display	X	Light (Green Eco Pro)			Standard
Filter Clogged Indication Display		Glisten (Green Eco Pro)			Standard
Vertical Lift kit	430 × 430 × 1700 mm				Optional
Modular Hight Efficiency Filter Element	1µm Long-Acting Type / 600 mm				Optional



Coolant Purification Systems

ULTRA series

Economical type

Ultra-90



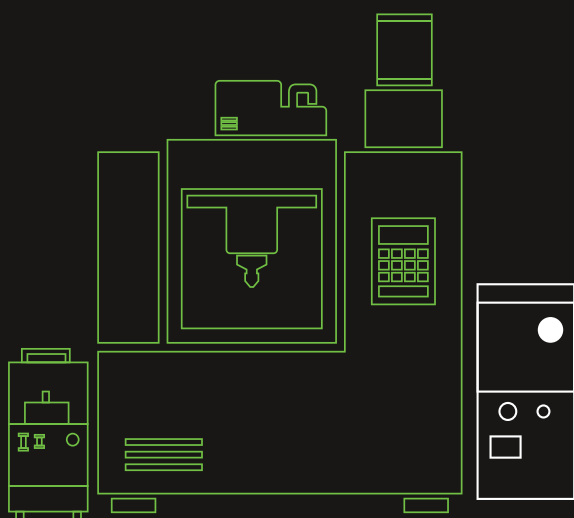
Standard type

Ultra-360



Central System type

Ultra-1200



Features

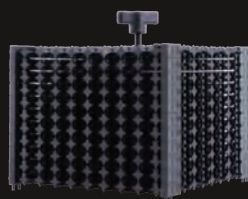
- No electricity consumption
- No consumables
- Continuous purified operation
- Will not affect the viscosity of the coolant
- No adjustment required on the supplied float assembly inlet
- Patented design S.T.P.M module

Benefits

Extends the coolant life up to		500%
Save cost of changing coolant		25%
Extends the tool life up to		20%
Eliminates machine down time costs up to		15%

S.T.P.M

The S.T.P.M. module is composed of a nonlipophilic substance. It is made from a proprietary injected molded polymer. Each module consists of multiple filter screens overlapped in a unique design.

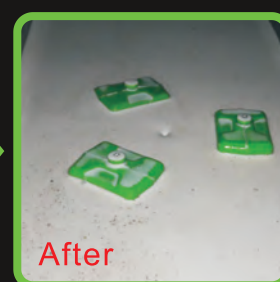
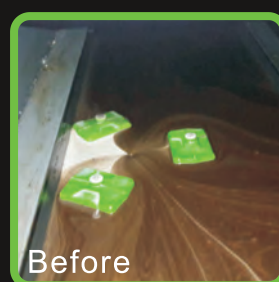
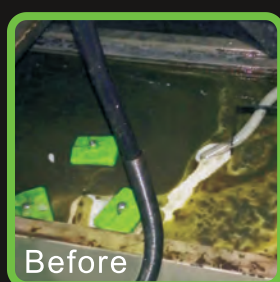


FLOATING SKIMMER

Patented design no adjustment required on the supplied floating assembly inlet. Patented Tubes are self-balanced



Example of a successful field



Specifications

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Model	Ultra - 90	Ultra - 360	Ultra - 1200	Unit
Dimension	470 × 310 × 430	500 × 218 × 715	710 × 430 × 880	mm
Max coolant flow volume	90	360	1200	L / h
Max coolant process volume	10	14	70	L
Net weight	25/55	28/61	98/216	Kg / lb
Internal oil recycle reservoir	X	2	4.5	L
Filter indicator	X	V	V	
Incoming air pressure	2.5 / 35		3 / 50	Kg / psi



Chip Vacuum System

FC series

Precision filtration system

FCG-105



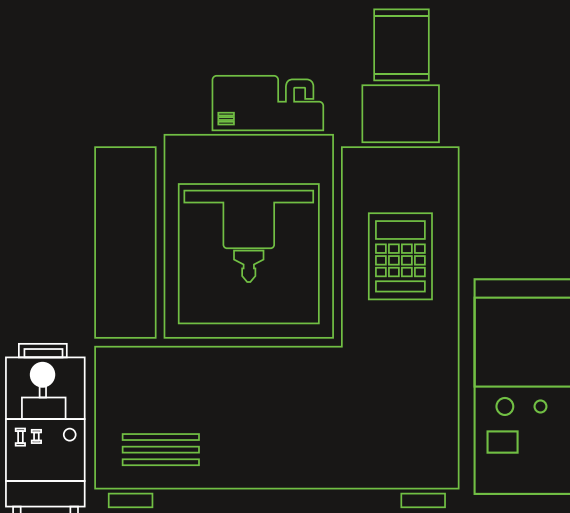
Automatic filtration system

FCG-105Auto



Chip Vacuum system

FC-180
FC-180 Plus
FC-380



Precision filtration

FCG-105



FCG-105Auto



Features

Filter out particles as small as 5micro particles and flow rate up to 110LPM.

Efficient filter materials with high saturation capacity.

Applications:

Electric discharge machining,
full oil processing, grinding, etc.

Effective interception of fine impurities
for high precision processing.

Chip vacuum system



Aluminum chips



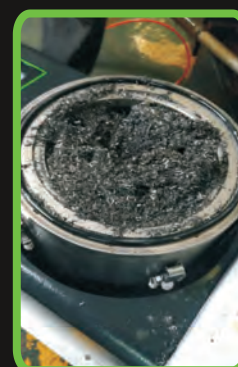
Sludge-Aluminum



Graphite



Fine Aluminum Chips
& Bio membrane Mixed



Steel Chips

Specifications

Model	FCG-105	FCG-105Auto	Unit	Model	FC-180	FC-180 plus	FC-380	Unit
Dimension	730×385×720	800×800×970	mm	Dimension	810×370×750	810×370×750	990×430×750	mm
Power supply	110	110/220	V	Net weight	56 / 123	58 / 127	71 / 156	Kg / lb
Submerged pump	1/2 hp	1/2 hp	Customized pump from Japan	Filter bucket capacity	7	17	17	L
Precision filter tube	Under 5μm	Under 5μm	μm	Air pressure requirement	5	5	5	BAR
Alarm lamp	V	V		Max negative pressure	55	55	69	Kg / m ³
Water pump	X	V		Max coolant flow	180	180	380	L / Min
Pressurized motor	X	V		Suggest air supply caliber	380 (180/830 optional)			μm
Control panel	X	V		Suggest air supply caliber	3/8	3/8	1/2	Inch

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Customized plan



AIR

Integration of air
pollution system

Planning of semi-customized and
fully-customized piping for central
processing to meet the emission
standards



WATER

Integration of waste
cutting fluid system

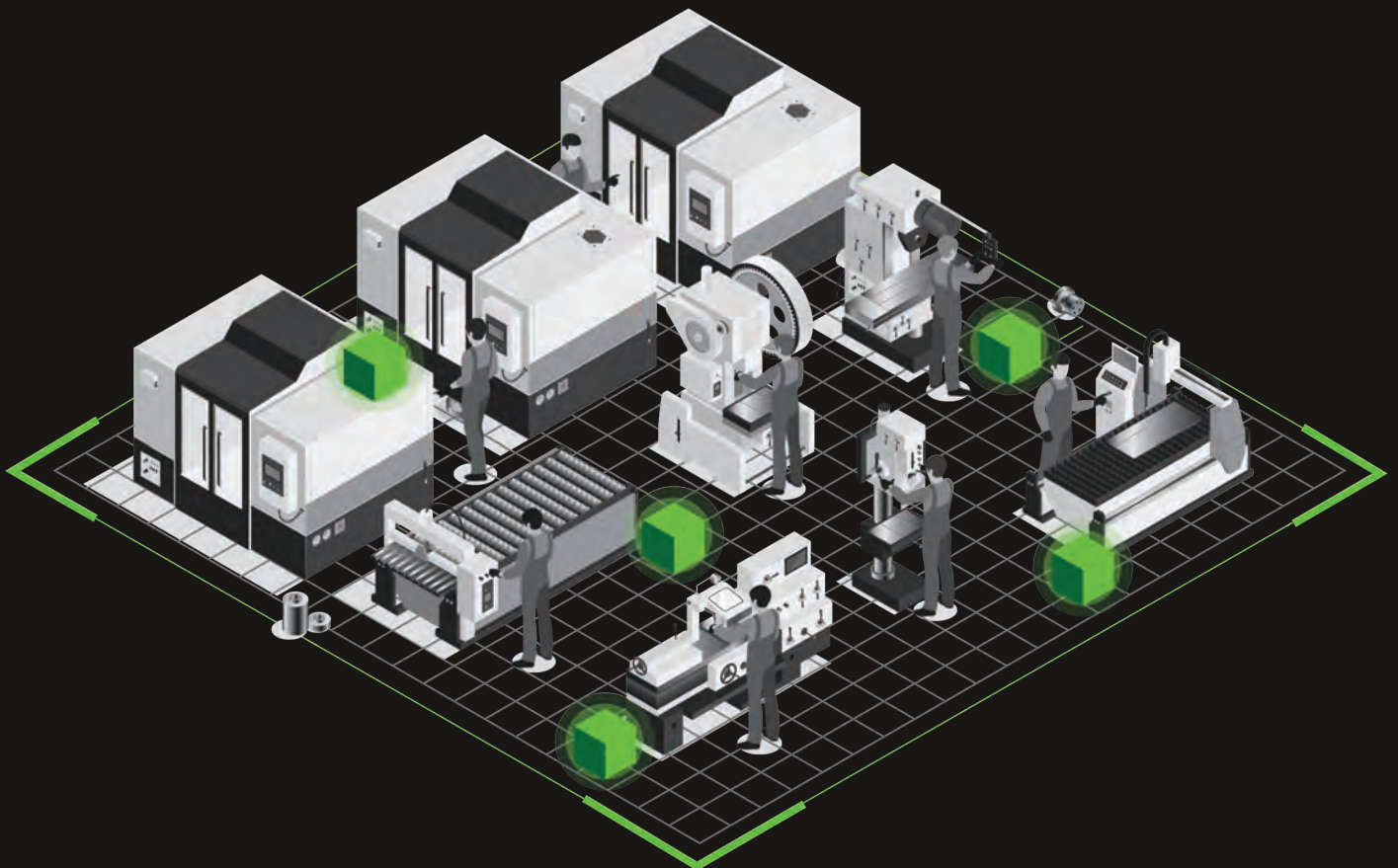
Integrated planning of customized
site reclaim system to meet the
emission standards



WASTE

Waste
integration system

Effective planning of automatic
drainage and waste reduction
for the maximum benefit of
plant-wide automation



Our Valued Customer's Customers



Certification Award





PREVENTING POLLUTION OF MACHINE TOOL EQUIPMENT MAKER

[KEEP CLEAN, GO Green]
Green Eco Pro Technology above industry



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