

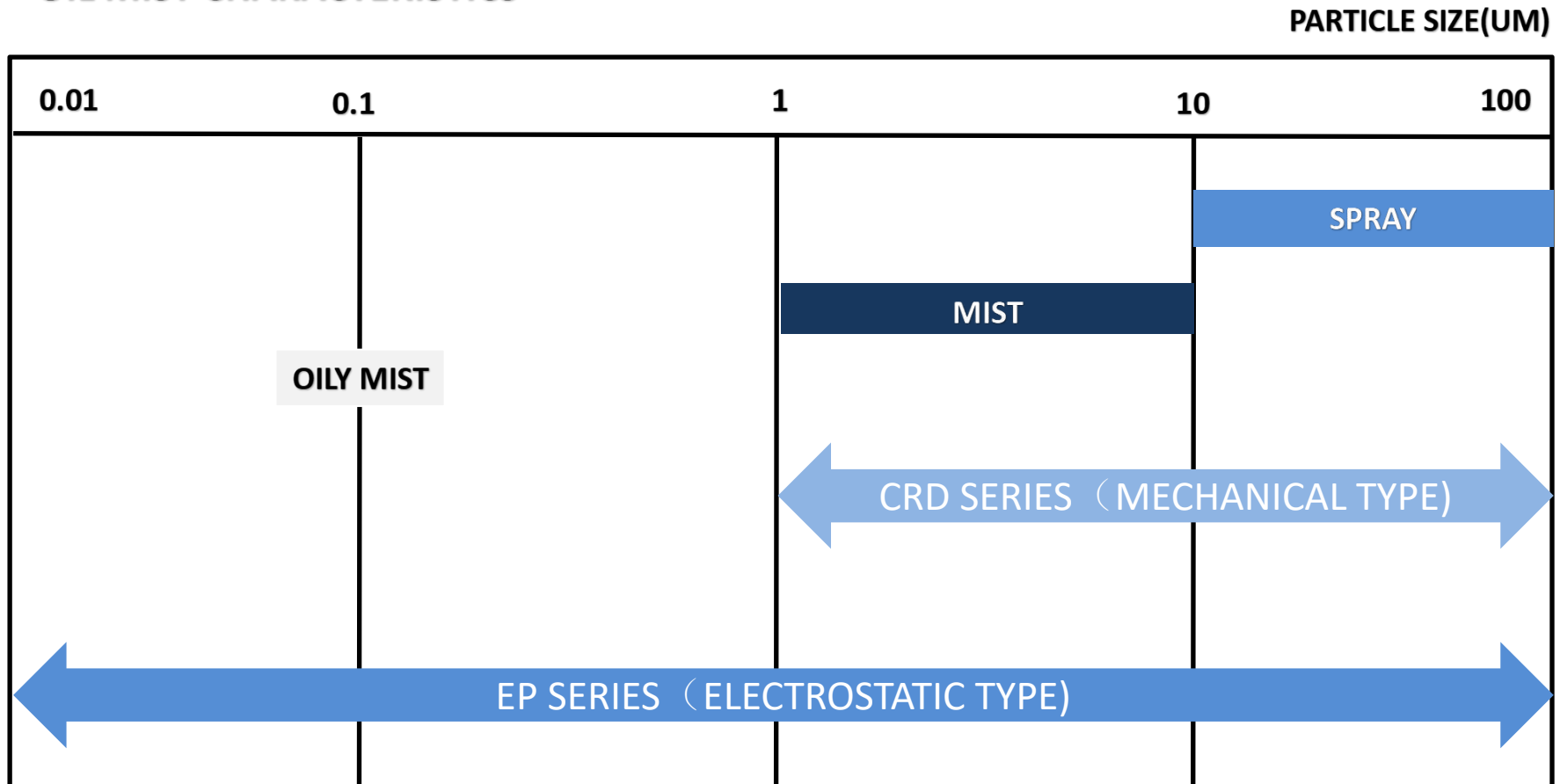
WHY YOU NEED PURIFIER

- **OIL MIST HARMFUL FOR HEALTH**
- **OIL MIST MAKE FLOOR SLIPPY CAUSED FALLING ACCIDENT**
- **BAD WORKSHOP ENVIRONMENT**
- **AFFECT MACHINE EFFICIENCY**

- **SAVING CUTTING FLUID OR OIL**
- **IMPROVE WORKSHOP ENVIRONMENT, WORKER EFFICIENCY**
- **EXTEND EQUIPMENT WORKING LIFE**
- **IMPROVE PRODUCTS ACCURACY**
- **REDUCE WORKER OCCUPATIONAL DISEASES AND TURNOVER RATE.**
- **PREVENT OIL MIST INTO THE ELECTRIC CONTROL SYSTEM OF THE MACHINE AND REDUCE THE MAINTENANCE RATE OF THE MACHINE**

HOW TO CHOOSE CORRECT PURIFIER

- OIL MIST CHARACTERISTICS

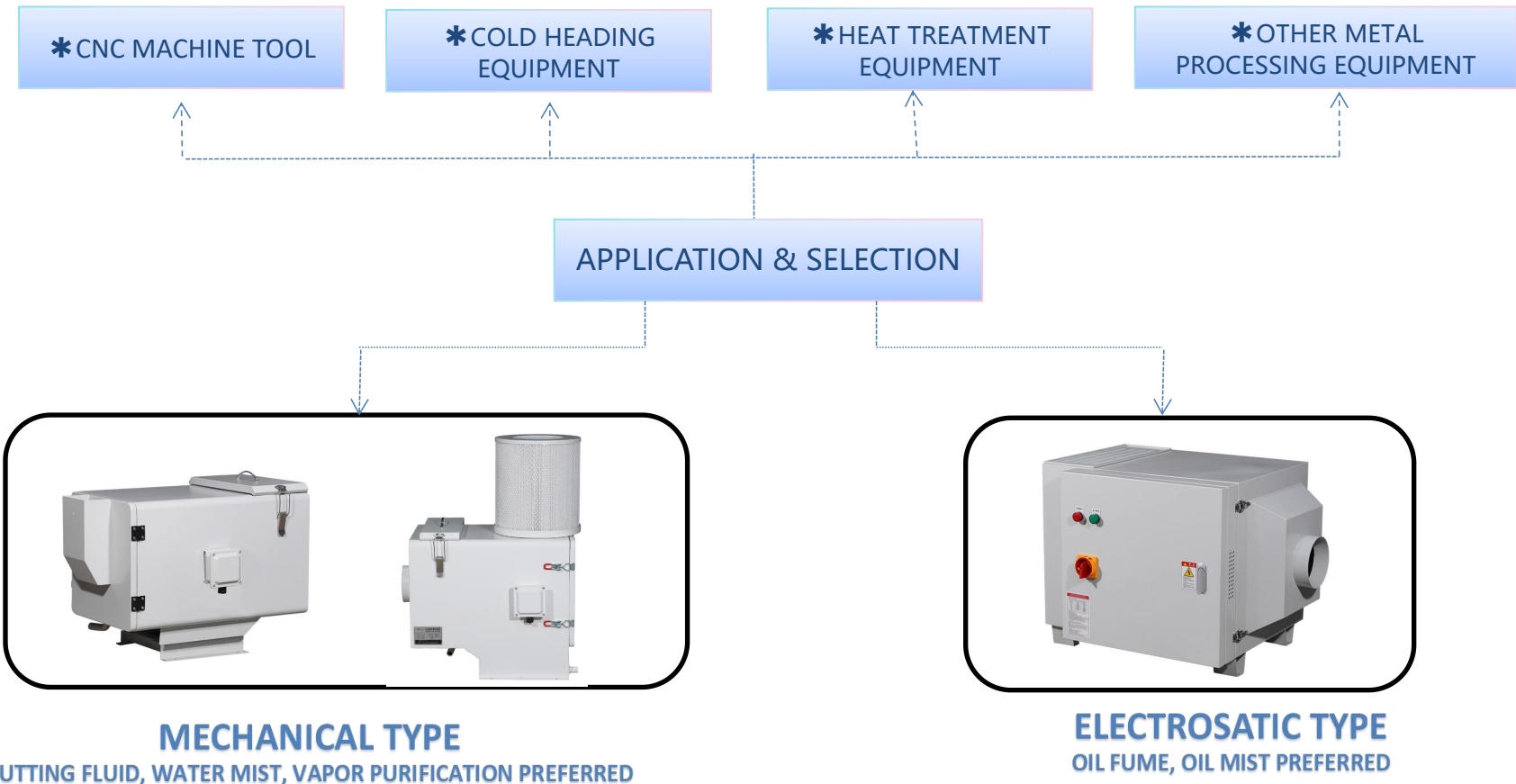


HOW TO CHOOSE CORRECT PURIFIER

- SELECTION GUIDE

CAVITY VOLUME(L*W*M) X FUNCTIONAL COEFFICIENT = AIR VOLUME(m3/min)

REMARK: THE FUNCTION COEFFICIENT IS AN INTEGER BETWEEN 4 AND 10, DEPENDING ON THE WORKING CONDITION, THE WORSE THE WORKING CONDITION, THE GREATER THE FUNCTION COEFFICIENT.



VERTICAL OIL MIST PURIFIER

----ECONOMICAL OIL MIST AND WATER MIST COLLECTOR



TECHNICAL PARAMETERS

MODEL NO.	CRDY-400	CRDY-1200
VOLTAGE	50/60HZ THREE PHASE POWER 220/380V	
AIR FLOW VOLUME(M3/H)	500	1200
WIND PRESSURE(PA)	600	800
FAN POWER(KW)	0.18	0.75
COLLECTION EFFICIENCY	95%	95%
INLET DIAMETER(MM)	Φ123	Φ160
DIMENSION (inc. filter cartridge 350mm)	Φ350*780	Φ425*910
WEIGHT(KG)	20	30

APPLICATION SCENARIOS

ALL TYPES OF LATHES, DRILLING TOOLS AND MACHINING CENTERS

CENTRIFUGAL SERIES OIL MIST COLLECTOR

----CUTTING FLUID, WATER MIST, VAAPOR PURIFIATION PREFERRED



TECHNICAL PARAMETERS

MODEL NO.	CRDY-LX-370-LT	CRDY-LX-1500-LT
VOLTAGE	50/60HZ THREE PRASE POWER 220/380V	
AIR FLOW VOLUME(M3/H)	1000	2000
WIND PRESSURE(PA)	900	1000
FAN POWER(KW)	0.37	1.5
COLLECTION EFFICIENCY	95%	95%
INLET DIAMETER(MM)	Φ125	Φ200
DIMENSION	591*435*760	673*472*895
INSERT CAVITY DIMENSION	210*375	326*385
WEIGHT(KG)	35	

APPLICATION SCENARIOS

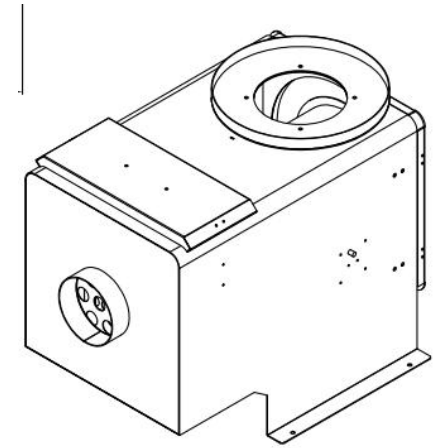
CNC MACHINING CENTERS, CNC DRILLING AND TAPPING CENTERS, GRINDING MACHINES,CNC LATHES, AND OTHER KINDS OF MACHINING CONDITIONS WITH UTTING LIQUID COOLING OR LUBRICATION

CENTRIFUGAL SERIES OIL MIST COLLECTOR

----CUTTING FLUID, WATER MIST, VAAPOR PURIFIATION PREFERRED

PURIFICATION PRINCIPLE:

The oil mist or vapor is sucked into the oil mist collector through the fan, adopting the **three-stage six-layer purification principle**. The deflector board uniform the wind speed at the first stage, the bigger size particles and oil mist or vapor are filtered at the second stage, the smaller size particles and oil mist or vapor are filtered at the third stage, optional high-efficiency filter cartridge can be added to purify residual waste gas and oil fume.



ACCESSORIES

FLANGE



SCREW



HOSE CLAMP



FIRE-RETARDANT DUCT



OIL DRAIN PIPE



HOSE CLAMP



EP SERIES OIL MIST COLLECTOR

----OIL FUME, OIL MIST PURIFICATION PREFERRED



APPLICATION SCENARIOS

MACHINE, CNC LATHE, GRINDING MACHINE, MACHINING CENTER, GEAR HOBBING MACHINE, GEAR GRINDING MACHINE, COLD HEADING MACHINE, HIGH-FREQUENCY QUENCHING, COLD AND HOT FORMING, HEAT TREATMENT AND OTHER OIL COOLING OR LUBRICATION CONDITIONS

TECHNICAL PARAMETERS

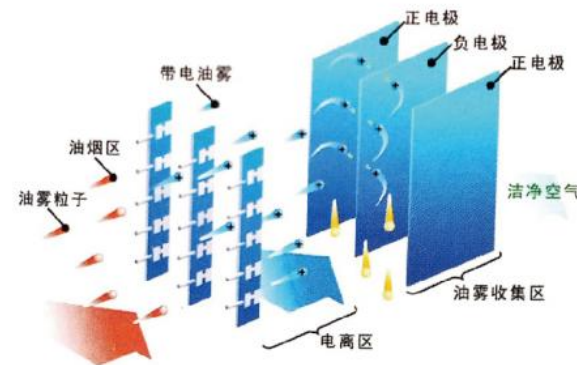
MODEL NO.	EP-50E	EP-90E	EP-180E	EP-180EE
VOLTAGE	220-50HZ			
AIR FLOW VOLUME(M3/H)	600-800	1000-1200	1500-1800	2500-3000
WIND PRESSURE(PA)	200	200	200	200
FAN POWER(KW)	0.18	0.24	0.4	0.8
COLLECTION EFFICIENCY	95%	95%	95%	95%
INLET DIAMETER(MM)	Φ160	Φ160	Φ200	Φ200
DIMENSION	770*570* 445	845*630* 594	1385*620* 623	1385*620* 1115
INSERT CAVITY DIMENSION	514*260	628*350	1085*350	1085*350
WEIGHT(KG)	50	68	110	155

EP SERIES OIL MIST COLLECTOR

----OIL FUME, OIL MIST PURIFICATION PREFERRED

PURIFICATION PRINCIPLE:

COARSE TREATMENT WITH EQUAL AIR FLOW AT THE FIRST STAGE: THE COARSE TREATMENT DEVICE IS MADE OF FIRE-PROOF STAINLESS STEEL FILTERING SCREEN, WHICH MAINLY USES THE PRINCIPLE OF MECHANICAL COLLISION AND GRAVITY SEDIMENTATION TO REMOVE BIGGER PARTICLES OF IMPURITIES, AND AT THE SAME TIME BLOCK FLAMES FROM ENTERING THE COLLECTOR; THE PLASMA ELECTROSTATIC FIELD ABSORB OIL MIST PARTICLES THROUGH ELECTRICITY DISCHARGE AT THE SECOND STAGE; ACTIVATED CARBON ABSORPTION LAYER ABSORB EXTREMELY SMALL PARTICLES OF OIL FUME AND REMOVE THE SMELL AT THE THIRD STAGE



EP-e 油雾清洁剂工作原理图

ACCESSORIES

COARSE FILTRATION
DEFLECTOR BOARD



ELECTROSTATIC
FIELD BOX



HIGH-VOLTAGE POWER
SUPPLY PACL



EP OEM SERIES OIL MIST COLLECTOR

----OIL FUME, OIL MIST PURIFICATION PREFERRED



APPLICATION SCENARIOS

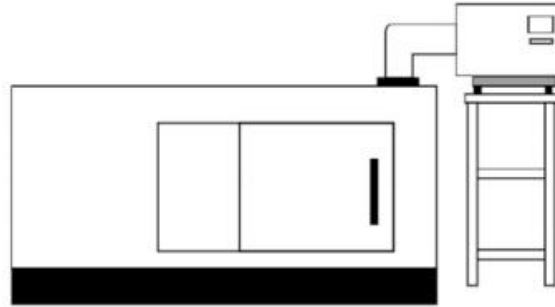
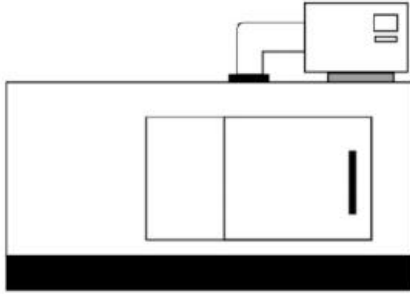
CNC PROCESSING, INJECTION MOLDING
WASTE GAS TREATMENT, HEAT TREATMENT,
CLEANING WASTE GAS TREATMENT ETC.

TECHNICAL PARAMETERS

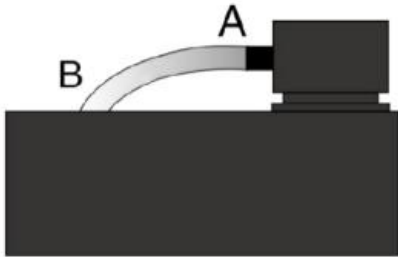
MODEL NO.	EP-5000 /horizontal type	EP-10000 /horizontal type	EP-15000 / vertical tpye
VOLTAGE	ONE PHASE 220-50HZ	ONE PHASE 220-50HZ	ONE PHASE 220- 50HZ
CHARGE METHOD	FOUR STAGE CHARGES	SIX STAGE CHARGES	EIGHT STAGE CHARGES
HIGH VOLTAGE CONTROLLER LV(KV)	12*4	12*4	12*4
HIGH VOLTAGE CONTROLLER CURRENT(mA)	6*4	6*4	6*4
AIR FLOW VOLUME(M3/H)	5000	10000	15000
INLET TEMPERATURE	<80℃	<80℃	<80℃
O3CONTENT(PPM)	<0.02	<0.02	<0.02
FAN POWER(KW)	1.6KW(THREE PHASE 380V)	CUSTOMIZED	5.5KW
COLLECTION EFFICIENCY	95%	95%	95%
INLET DIAMETER(MM)	Φ315	Φ315	Φ400
DIMENSION	1700* 640* 1400	1940* 650* 1400	1190* 1050* 2255

INSTALL METHOD

- In most of case, it is installed by upper of machine, in some case, an installing support can be set up according to the actual situation

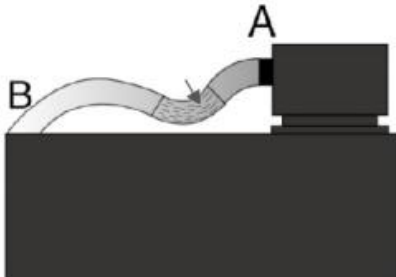


- duct set up



CORRECT:

General, point “A” and “B” should be connected by the shortest duct, the extra part should be cut off, smooth pipeline is good for air flow avoiding oil accumulation inside the duct.



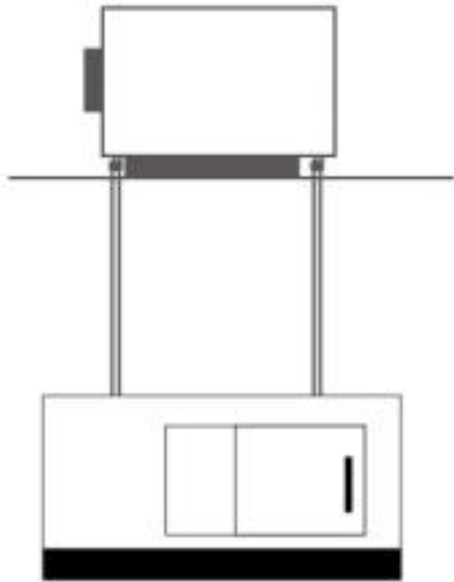
WRONG:

point “A” and “B” are not connected by the shortest duct, there is a vertical or horizontal U-shape phenomenon, the existence of U will cause air flow blocked, the oil will be accumulated inside the duct after a long time, which will hinder the passage of air flow or completely lose the effective absorption force. The extra flexible duct should be cut off.

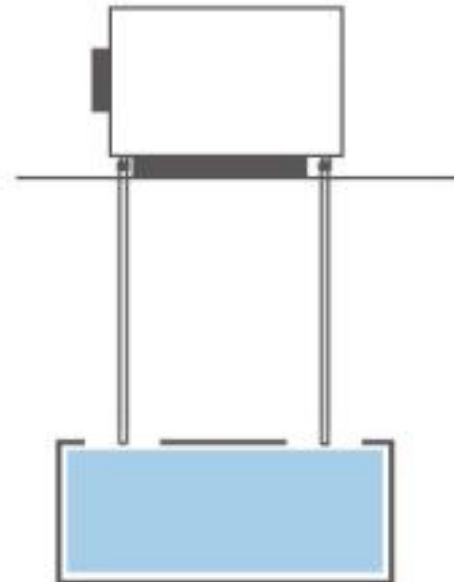
INSTALL METHOD

- OIL DRAIN PIPE SETTING

NOTE: IT IS TWO-STAGE FILTRATION FOR MECHANICAL TYPE OIL MIST COLLECTOR, TWO OIL OUTLES ARE NEEDED TO CONNECT TO THE OIL DRAINING PIPES



DIRECTLY PLACED INSIDE OF CAVITY OF THE MACHINE



PLACED INSIDE THE WATER TANK OF MACHINE

INSTALL METHOD

1. The separated support frame install way



2. The sepecial support frame install way

INSTALL METHOD

3. Machine-mounted upper install way



4. Indoor ceiling install way

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CITIZEN Cincom

TSUGAMI

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LOKUMA

DOOSAN
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CNC MACHINES

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CYBER RC
CREATIVE MACHINES AND SOFTWARES
サイバーRC株式会社
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QIANDAO SMART

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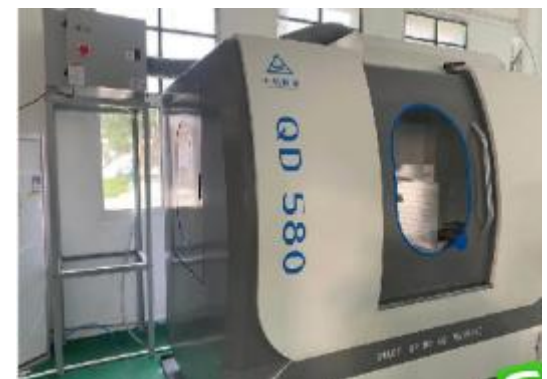
CASE SHOWS

LONGITUDINAL LATHE



CASE SHOWS

GRINDING MACHINE



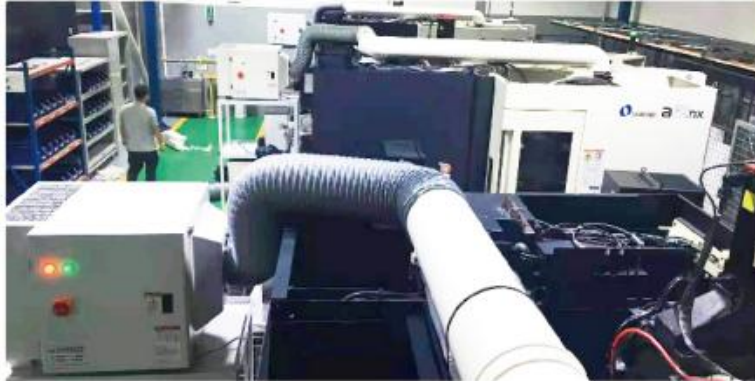
CASE SHOWS

DRILLING & TAPPING MACHINE



CASE SHOWS

CNC MACHINING CENTER



CASE SHOWS

CNC LATHE MACHINE



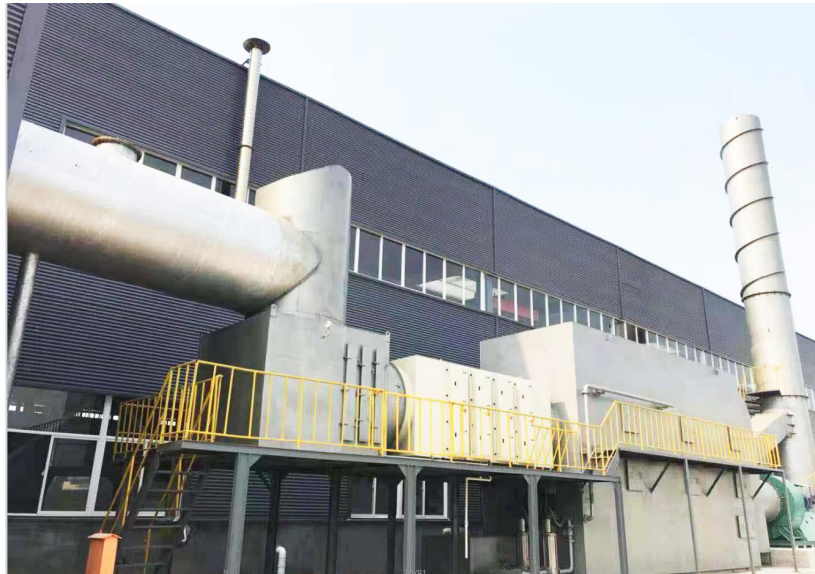
CASE SHOWS

SPECIAL EQUIPMENT



CASE SHOWS

CENTRALIZED PROCESSING



WORKSHOP OVERVIEW



READY GOODS WAREHOUSE OVERVIEW





Health



Savings



Efficiency



Environment



Safety

We guarantee you the most safe conditions of fresh surroundings.

We hope our high-end technology and service will contribute your healthy environment.

Your success is our success.

Always we are accompany with you.