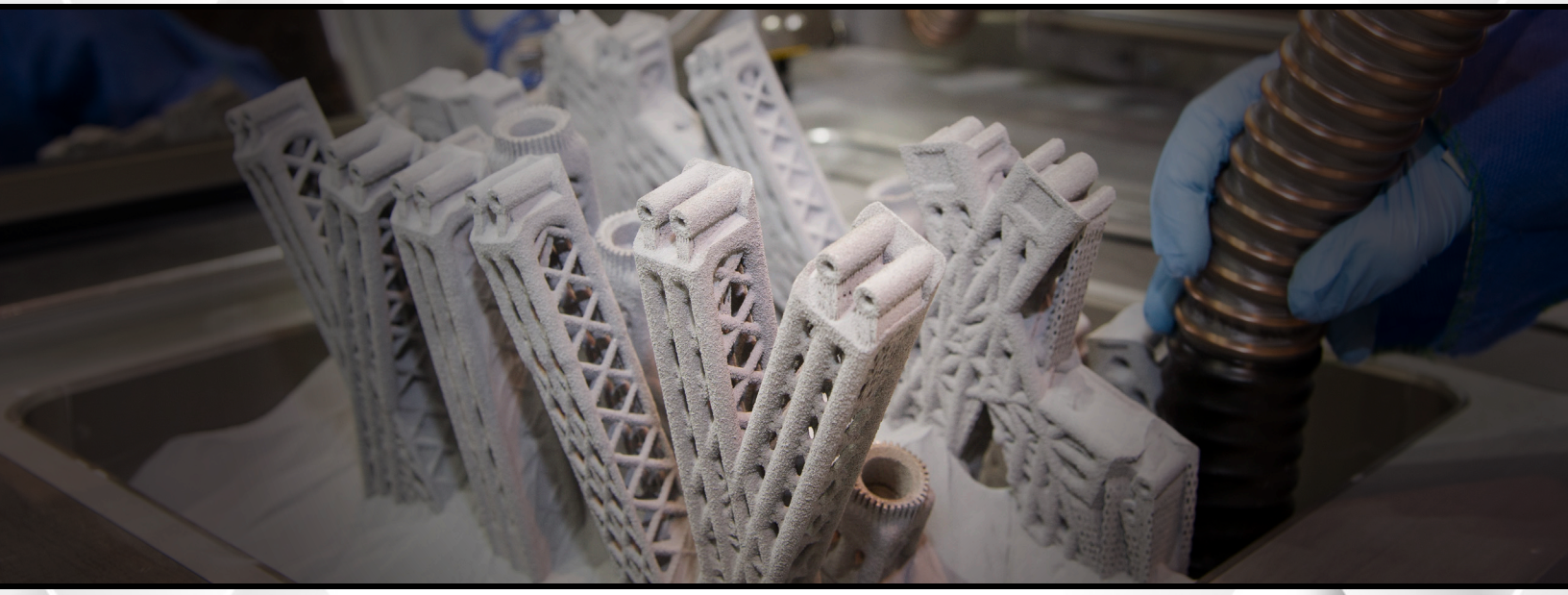
EURO

3D PRINTING
ADDITIVE MANUFACTURING

RAPID PROTOTYPING | DIRECT DIGITAL MAUFACTURING



TIGER-VAC.EU

Tiger-Vac®
...THE NAME TO VACUUM WITH

SPECIALIZING IN THE DESIGN AND MANUFACTURE
OF LEGALLY CERTIFIED PORTABLE INDUSTRIAL VACUUM
AND DUST COLLECTION SYSTEMS FOR CONTAMINATION
CONTROLLED ENVIRONMENTS AND HAZARDOUS LOCATIONS
Since 1983

NEW INDUSTRIAL REVOLUTION

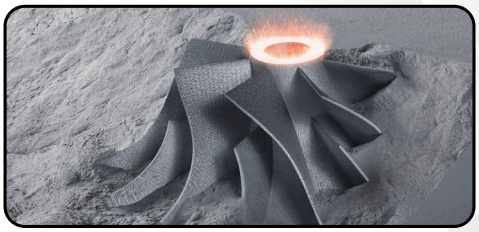
Additive manufacturing, a new industrial revolution, is a manufacturing technique that has revolutionized the way products and consumer goods are made. Emerged in the 1980s, today, it has arrived at the maturity phase, where products that were difficult to produce by conventional processes are now possible.

7 FAMILIES OF ADDITIVE MANUFACTURING

According to ASTM F2792 Standards

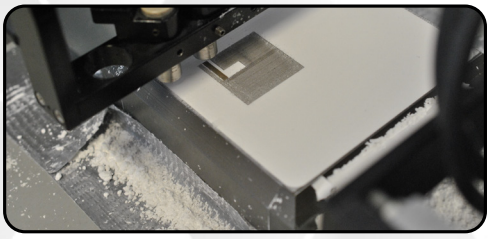
VAT PHOTOPOLYMERIZATION

A vat of liquid photopolymer resin is cured through selective exposure to light (via laser or projector) which then imitates polymerization and converts the exposed areas to a solid part.



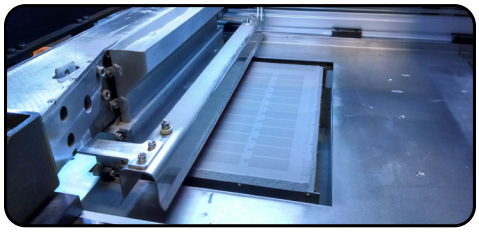
POWDER BED FUSION

Powdered materials is selectively consolidated by melting it together using a heat source such as a laser or electron beam. The powder surrounding the consolidated part acts as support material for overhanging features.



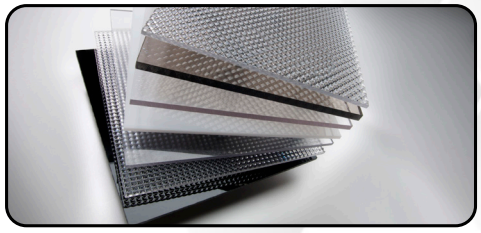
BINDER JETTING

Liquid bonding agents are selectively applied onto thin layers of powdered material to build up parts layer by layer. The binders include organic and inorganic materials. Metal or ceramic powdered parts are typically fired in a furnace after they are printed.



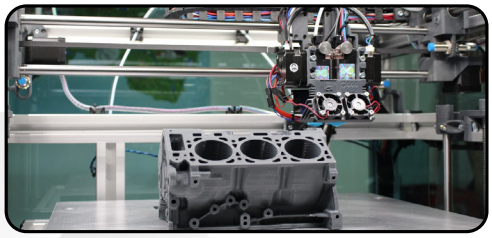
MATERIAL JETTING

Droplets of material are deposited layer by layer to make parts. Common varieties include jetting a photocurable resin and curing it with UV light, as well as jetting thermally molten materials that then solidify in ambient temperatures.



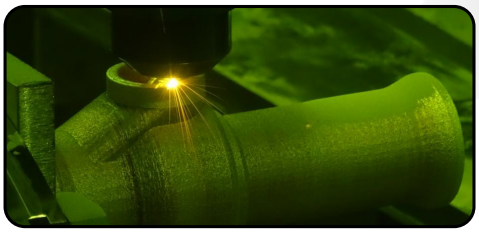
SHEET LAMINATION

Sheets of material are stacked and laminated together to form an object. The lamination method can be adhesives or chemical (paper/plastics), ultrasonic welding, or brazing (metals). Unneeded regions are cut out layer by layer and removed after the object is built.



MATERIAL EXTRUSION

Material is extruded through a nozzle or orifice in tracks or beads, which are then combined into multi-layer models. Common varieties include heated thermoplastic extrusion (similar to a hot glue gun) and syringe dispensing.



DIRECTED ENERGY DEPOSITION

Powder or wire is fed into a melt pool which has been generated on the surface of the part where it adheres to the underlying part of layers by using and energy source such as a laser or electron beam. This is essentially a form of automated build-up welding.

4 H14 HEPA FILTERS

BLSD BRUSHLESS MOTOR AVAILABLE
- MORE POWER
- LONGER LIFE
- NO MAINTENANCE

Cat.3 RECOVERY AND INERTIZATION OF COMBUSTIBLE DUST

MOTOR
HEAVY DUTY 2-STAGE
BYPASS ELECTRIC MOTOR

CFE
COALESCING FILTER ELEMENT
TO SEPERATE AIR FROM MOISTURE

DEGASSING VENT
HYDROGEN RELIEF VALVE

MIST ARRESTOR
DESIGNED TO REMOVE CONTAMINANTS
FROM PROCESS AIR EMISSIONS THAT
EVOLVE AS MIST DROPLETS

SEPARATOR CONE
TO PREVENT DROPLETS AND DUST
FROM REACHING THE POWER SYSTEM

DETACHABLE
STAINLESS STEEL 304
DETACHABLE INTERCEPTOR TANK

SIEVE BASKET
SEPERATE THE SLUDGE
FROM THE NEUTRALIZING LIQUID

CAPACITY
RECOVERY CAPACITY OF **5 kg OF DUST INTO 25L OF WATER**

304 STAINLESS STEEL 304 CONSTRUCTION AND INTERCEPTOR TANK

H HEPA FILTER
99.99% EFFICIENCY AT 0.3 MICRON

SINGLE PHASE

Water Mix
C-10 EX (IT-63L) CFE
IMMERSION SEPARATOR

TENSION	220-240 V
FREQUENCY	50/60 Hz
WATTAGE	1200 W
POWER	**1.2 kW**
AMPERAGE	5 A
AIR FLOW	194 m^3/h
VAC. PRESSURE	2504 mm H_2O
SOUND LEVEL	72 dB(A)

LIQUID LEVEL INDICATOR
IMPACT-RESISTANT POLYCARBONATE
LIQUID LEVEL INDICATOR

DRAIN VALVE 38 mm
WITH LOCKING SYSTEM TO PREVENT
ACCIDENTAL SPILLS

YOUR METALS AND YOUR PROCESSES

The first step in a dust hazard analysis is to identify all dusts and fumes produced in your facility and determine their combustion risk. Laboratory testing may be necessary for this determination. Be sure to review all areas of your operation and all dusts present, including dust and fume mixtures. Metals that are stable in one process can be volatile when oxidized or mingled with other metals Manufacturing facilities processing combustible metals needs to understand their risks and develop an appropriate mitigation strategy. The DHA process helps metal shop owners address these risks early and may help reduce the likelihood and consequences of a combustion event. By knowing what your combustible dust is, where it occurs, and how to mitigate the risks it presents, you can develop a mitigation strategy that supports new growth opportunities.

Cat.2

EXPLOSION PROOF /
DUST IGNITION PROOF

RECOVER.REFRESH.REUSE.

Failure to recover powder is an economic loss, even without considering the other risks that have already been described. As the cost of the powder increases, so too does the incentive to recover more of it. In a manufacturing environment, saving even a modest percentage of wasted powder over time turns into a significant amount of money. A manufacturer's nightmare is seeing profits almost literally slipping away between one's fingers. The last 5 to 10% of powder is the most expensive to remove

HIGH EFFICIENCY
CYCLONE ALLOWING

UP TO **98%**

OF POWDERS
TO BE REUSED

EXP1-20 DT

with 3D TOOLKIT

TENSION	230 V
FREQUENCY	50 Hz
WATTAGE	1000 W
POWER	**1 kW**
AMPERAGE	4.5 A
AIR FLOW	224 m3/h
VAC. PRESSURE	1550 mm H2O

3R RECOVER REFRESH REUSE

304 STAINLESS STEEL 304 FILTER CHAMBER and RECOVERY TANK

PRS POWDER RECOVERY SYSTEM **HEC** HIGH EFFICIENCY CYCLONE

IIIC ATEX & IECEx CERTIFIED FOR CONDUCTIVE DUSTS GROUP IIIC

Cat.3

C-10 EX DT

with 3D TOOLKIT

BLSD BRUSHLESS MOTOR

- MORE POWER
- LONGER LIFE
- NO MAINTENANCE

TENSION	220-240 V	220-240 V
FREQUENCY	50/60 Hz	50/60 Hz
WATTAGE	1200 W	1100 W
POWER	**1.2 kW**	**1.1 kW**
AMPERAGE	5 A	8 A
AIR FLOW	194 m3/h	215 m3/h
VAC. PRESSURE	2504 mm H2O	2250 mm H2O

304 STAINLESS STEEL 304 FILTER CHAMBER and RECOVERY TANK

PRS POWDER RECOVERY SYSTEM **HEC** HIGH EFFICIENCY CYCLONE

IIIC ATEX & IECEx CERTIFIED FOR CONDUCTIVE DUSTS GROUP IIIC

304 STAINLESS STEEL 304 FILTER CHAMBER and RECOVERY TANK

PRE-SEPARATION SYSTEMS FOR FINE DUST

RECOVERY OF COMBUSTIBLE DUST AND NON-COMBUSTIBLE DUST

RECOVER.REFRESH.REUSE.

Thorough cleaning of the build chamber in the post-process is essential to ensure the integrity of future builds. Utilizing a High Efficiency Industrial Vacuum designed for the safe handling of Combustible Powders to effectively clean crevices and hard to reach areas in a quick, safe and efficient way to safeguard your employees and company.

ADVANTAGES :

- LOW CAPITAL COST
- NO MOVING PARTS
- LOW PRESSURE DROP
- DRY COLLECTION
- SMALL SPACE REQUIREMENTS
- SAFE RECOVERY OF FINE DUST

HEC-25L (4W)

LOW / HIGH PRESSURE

SUCTION INLET	38 mm
AIR OUTLET	38 mm

3R RECOVER REFRESH REUSE

M METAL DUST

MUST BE USED IN CONJUNCTION WITH A CERTIFIED TIGER-VAC® VACUUM SYSTEM FOR USE IN HAZARDOUS LOCATIONS

38 mm AIR OUTLET

50 mm SUCTION INLET

ESD SAFE CONDUCTIVE PLASTIC

ESD SAFE CONDUCTIVE PAINT, OR STAINLESS STEEL

ESD SAFE CONDUCTIVE POLY LINER RECOVERY BAG

ESD SAFE CONDUCTIVE WHEELS

3R RECOVER REFRESH REUSE

P PLASTIC DUST

430 STAINLESS STEEL 430 RECOVERY TANK

HEAVY DUTY CONSTRUCTION
STATIC DISSIPATIVE AND GROUNDED

HEC-35L (4W)

LOW / HIGH PRESSURE

SUCTION INLET	50 mm
AIR OUTLET	38 mm

SINGLE PHASE

Cat.3

H HEPA FILTER 99.99% EFFICIENCY AT 0.3 MICRON

SINGLE PHASE

H HEPA FILTER 99.99% EFFICIENCY AT 0.3 MICRON

POWERHEAD BYPASS AMETEK® LONG LIFE MOTOR WITH 4 HEPA FILTERS CLASS H14

STAINLESS STEEL 430 STAINLESS STEEL FILTER CHAMBER AND RECOVERY TANK

C-10 EX (4W)

DRY RECOVERY

BLSD BRUSHLESS MOTOR AVAILABLE

TENSION	220-240 V
FREQUENCY	50/60 Hz
WATTAGE	1100 or 1200 W
POWER	**1.1 or 1.2 kW**
AMPERAGE	5 or 8 A
AIR FLOW	194 or 215 m3/h
VAC. PRESSURE	2250 or 2504 mm H_2O

BLSD BRUSHLESS MOTOR AVAILABLE

MFS MANUAL FILTER SHAKER

POLY LINER CONDUCTIVE POLY LINER RECOVERY BAG

35 L RECOVERY CAPACITY

C-35L EX DT (MFS) DRY RECOVERY

3D PRINTING AND ADDITIVE MANUFACTURING

RECOVER COMBUSTIBLE DUST IN ANY ENVIRONMENT

Regardless of facility type, vacuuming is the recommended cleaning and collection method. All Notified Bodies recommend ongoing dust housekeeping procedures to manage dust levels between cleaning and collection.

Those measures include, but are not limited to the following: smaller dust cleaning sessions at regular intervals; regularly cleaning floors and horizontal surfaces to minimize dust accumulation; ensuring dust accumulation is no more than 1/32 inches thick at any given time; finally, ensuring that electric cleaning devices like Vacuum Systems are certified accordingly and approved by Notified Body for category and zone classification.

YOUR SAFETY - OUR REALITY

In addition to a comprehensive range of Application Safety, we offer you expert advice on how to choose the right Vacuum System for your application and help you solve your safety problems.
Get in touch with us at info@tiger-vac.it | (39) 051 79.53.52

2D-10 (4W)

DRY RECOVERY

BLSD BRUSHLESS MOTOR
- MORE POWER
- LONGER LIFE
- NO MAINTENANCE

HEPA ORDLOC SERIES

SINGLE PHASE

TENSION	220-240 V	220-240 V
FREQUENCY	50/60 Hz	50/60 Hz
WATTAGE	1200 W	1100 W
POWER	**1.2 kW**	**1.1 kW**
AMPERAGE	5 A	8 A
AIR FLOW	194 m3/h	215 m3/h
VAC. PRESSURE	2504 mm H2O	2250 mm H2O

HEPA FILTER
99.995% EFFICIENCY AT 0.3 MICRON

PROTECTED AGAINST INGRESS OF DUST IP5X

430 STAINLESS STEEL 430 RECOVERY TANK

2STAGE HEAVY DUTY 2-STAGE BYPASS MOTOR

PRESSURE REGULATOR
ADJUSTABLE BETWEEN 0 Bar to 10 Bar

FACTORY SET AT 5.5 Bar FOR IDEAL PERFORMANCE AND NOISE LEVEL

Cat.2 EXPLOSION PROOF / DUST IGNITION PROOF

PNEUMATIC

ATEX-10A (40L)

DRY RECOVERY

SINGLE VENTURI

VENTURI	Single
AIR LINE SIZE	12.7 mm
AIR FLOW	187 m3/h
POWER	**15 HP**
INPUT AIR VOLUME	16.5-21.2 L/s
INPUT AIR PRESSURE	5.5 Bar
VAC. PRESSURE	2790 mm H2O

EXP1-10 (40L)

DRY RECOVERY

SINGLE PHASE

TENSION	230 V
FREQUENCY	50 Hz
WATTAGE	1000 W
POWER	**1 kW**
AMPERAGE	4.5 A
AIR FLOW	224 m3/h
VAC. PRESSURE	1550 mm H2O

Cat.3

RECOVERY AND INERTIZATION OF COMBUSTIBLE DUST

ADVANTAGES :

- PROVEN SOLUTION FOR FINISHING APPLICATIONS FOR ALMOST ALL ALUMINUM, MAGNESIUM OR TITANIUM ALLOYS
- BETTER RELIABILITY AND LOWER COST OF OPERATION
- OFFERING THE KIND OF PIECE OF MIND THAT BUSY PLANT, SAFETY AND MAINTENANCE MANAGERS DESIRE
- MINIMIZING COST IF USING OIL AS NEUTRALIZING LIQUID
- MORE FILTRATION MEDIA

2STAGE HEAVY DUTY 2-STAGE BYPASS MOTOR

CFE COALESCING FILTER ELEMENT

DT DETACHABLE RECOVERY TANK

304 STAINLESS STEEL 304 FILTER CHAMBER and RECOVERY TANK

SINGLE PHASE

HEPA FILTER 99.99% EFFICIENCY AT 0.3 MICRON

BLSD BRUSHLESS MOTOR AVAILABLE
- MORE POWER
- LONGER LIFE
- NO MAINTENANCE

Oil or Water Mix

C-10 EX (IT-40L) DT

IMMERSION SEPARATOR

TENSION	220-240 V
FREQUENCY	50/60 Hz
WATTAGE	1200 W
POWER	**1.2 kW**
AMPERAGE	5 A
AIR FLOW	194 m³/h
VAC. PRESSURE	2504 mm H_2O

MIST ARRESTOR
ALUMINUM MESH SCREEN TO PREVENT MIST FROM REACHING THE POWER SYSTEM

DETACHABLE TANK
STAINLESS STEEL 304 RECOVERY TANK

38 mm SUCTION INLET

DRAIN VALVE 19 mm
WITH LOCKING SYSTEM TO PREVENT ACCIDENTAL SPILLS

WET BAG 4.5 L
CONDUCTIVE WET BAG

ESD SAFE ELECTROSTATIC DISCHARGE SAFE

Cat.3

ESD SAFE

3 L RECOVERY CAPACITY
CONDUCTIVE WET BAG
PACKAGE OF 3

Water Mix

C-10 EX (IT-40L)

IMMERSION SEPARATOR

BLSD BRUSHLESS MOTOR
- MORE POWER
- LONGER LIFE
- NO MAINTENANCE

SINGLE PHASE

TENSION	220-240 V	220-240 V
FREQUENCY	50/60 Hz	50/60 Hz
WATTAGE	1200 W	1100 W
POWER	**1.2 kW**	**1.1 kW**
AMPERAGE	5 A	8 A
AIR FLOW	194 m³/h	215 m³/h
VAC. PRESSURE	2504 mm H_2O	2250 mm H_2O

Cat.2

EXPLOSION PROOF /
DUST IGNITION PROOF

BOOST PRODUCTIVITY AND SAFETY

When handling combustible dust or powder in an AM environment it is important to fully understand the potential volatility of the different powders you will use in your process. Additional considerations that need to be addressed are how you expect to handle the collected waste. Tiger-Vac has the largest selection of industrail vacuums for all your AM needs.

RECOVERY AND INERTIZATION OF COMBUSTIBLE DUST

CFE COALESCING FILTER ELEMENT

DT DETACHABLE RECOVERY TANK

304 STAINLESS STEEL 304 FILTER CHAMBER and RECOVERY TANK

SINGLE PHASE

Oil or Water Mix

EXP1-10 (IT-40L) DT

IMMERSION SEPARATOR

TENSION	230V
FREQUENCY	50 Hz
WATTAGE	1000 W
POWER	**1 kW**
AMPERAGE	4.5 A
AIR FLOW	224 m³/h
VAC. PRESSURE	1550 mm H_2O

MIST ARRESTOR
ALUMINUM MESH SCREEN TO PREVENT MIST FROM REACHING THE POWER SYSTEM

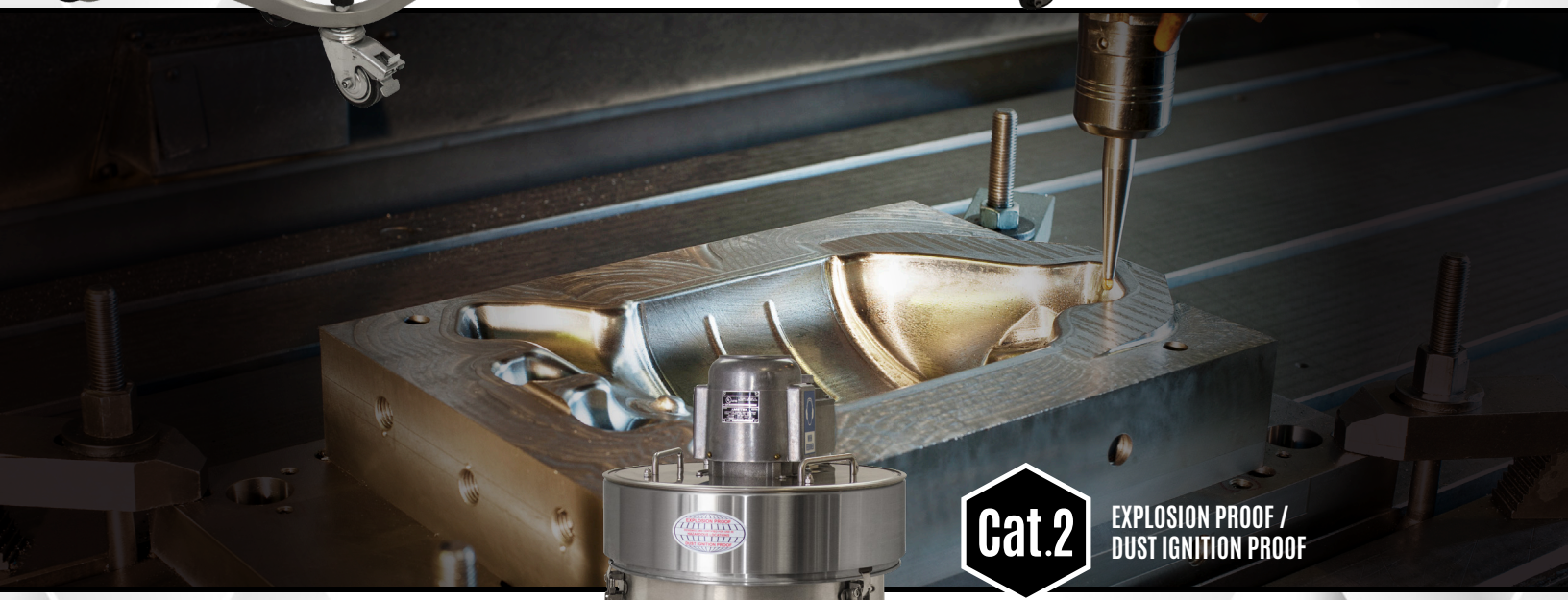
DETACHABLE TANK
STAINLESS STEEL 304 RECOVERY TANK

38 mm
SUCTION INLET

DRAIN VALVE 19 mm
WITH LOCKING SYSTEM TO PREVENT ACCIDENTAL SPILLS

WET BAG 4.5 L
CONDUCTIVE WET BAG

ESD SAFE ELECTROSTATIC DISCHARGE SAFE



Cat.2

EXPLOSION PROOF /
DUST IGNITION PROOF

ESD SAFE

3 L
RECOVERY CAPACITY
CONDUCTIVE WET BAG
PACKAGE OF 3

Water Mix

EXP1-10 (IT-40L) EX

IMMERSION SEPARATOR

SINGLE PHASE

TENSION	230 V
FREQUENCY	50 Hz
WATTAGE	1000 W
POWER	**1 kW**
AMPERAGE	4.5 A
AIR FLOW	224 m³/h
VAC. PRESSURE	1550 mm H_2O

RECOVERY AND INERTIZATION OF COMBUSTIBLE DUST

Cat.2 EXPLOSION PROOF / DUST IGNITION PROOF

Continuous Duty 24-7

CHOOSING THE RIGHT VACUUM SYSTEM

Users have been left to their own devices to manage the risks and inconvenience of part and powder removal in the way they best see fit. The moment the build has run its course, and the parts are ready to be transferred out of the machine for further processing, turns out to be the weak link in the workflow. Trust Tiger-Vac to help you manage productivity and continue running at peak efficiency info@tiger-vac.it | (39) 051 79.53.52

CFE COALESCING FILTER ELEMENT

DT DETACHABLE RECOVERY TANK

304 STAINLESS STEEL 304 FILTER CHAMBER and RECOVERY TANK

RECOVERY AND INERTIZATION OF COMBUSTIBLE DUST

SINGLE VENTURI

SD STATIC DISSIPATIVE

68 dB(A)

Oil or Water Mix

ATEX-10A (IT-40L) DT

IMMERSION SEPARATOR

VENTURI	Single
AIR LINE SIZE	12.7 mm
INPUT AIR VOLUME	16.5-21.2 L/s
POWER	**15 HP**
SUCTION INLET	38 mm
AIR FLOW	187 m³/h
VAC. PRESSURE	2790 mm H2O

MIST ARRESTOR
ALUMINUM MESH SCREEN TO PREVENT MIST FROM REACHING THE POWER SYSTEM

DETACHABLE TANK
STAINLESS STEEL 304 RECOVERY TANK

38 mm SUCTION INLET

DRAIN VALVE 19 mm
WITH LOCKING SYSTEM TO PREVENT ACCIDENTAL SPILLS

WET BAG 4.5 L
CONDUCTIVE WET BAG

ESD SAFE ELECTROSTATIC DISCHARGE SAFE

PRESSURE REGULATOR
ADJUSTABLE BETWEEN 0 Bar to 10 Bar

FACTORY SET AT 5.5 Bar FOR IDEAL PERFORMANCE AND NOISE LEVEL

Cat.2 EXPLOSION PROOF / DUST IGNITION PROOF

ESD SAFE

3 L
RECOVERY CAPACITY
CONDUCTIVE WET BAG
PACKAGE OF 3

Water Mix

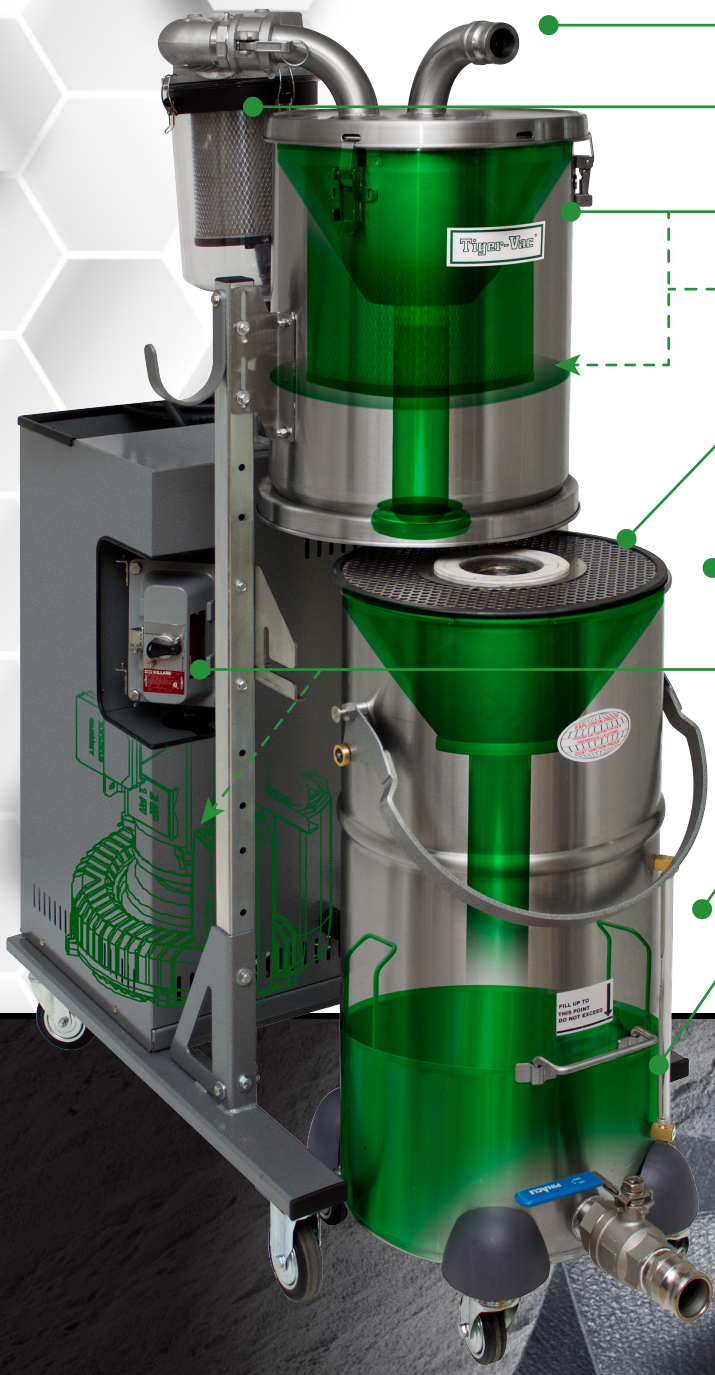
ATEX-10A (IT-40L) CFE

IMMERSION SEPARATOR

VENTURI	Single
AIR LINE SIZE	12.7 mm
INPUT AIR VOLUME	16.5-21.2 L/s
POWER	**15 HP**
SUCTION INLET	38 mm
AIR FLOW	187 m³/h
VAC. PRESSURE	2790 mm H2O

SINGLE VENTURI

68 dB(A)



50 mm
SUCTION AIR INLET

CFE
COALESCING FILTER ELEMENT
TO SEPERATE AIR FROM MOISTURE

UPPER CONE + CYLINDER
TO PREVENT MIST BUILDUP
FROM REACHING THE POWER SYSTEM
ALLOWS THE MIST TO REMAIN IN THE FILTER CHAMBER

SEPARATOR CONE
TO PREVENT DROPLETS AND DUST
FROM REACHING THE POWER SYSTEM

DETACHABLE
STAINLESS STEEL 304
DETACHABLE FILTER CHAMBER
AND INTERCEPTOR TANK

TEFC MOTOR
EXPLOSION PROOF MOTOR
WITH **Ex CERTIFIED** SWITCH BOX

LIQUID LEVEL INDICATOR
IMPACT-RESISTANT POLYCARBONATE

SIEVE BASKET
SEPERATE THE SLUDGE
FROM THE NEUTRALIZING LIQUID

HYDROGEN SAFE
RECOVERY AND INERTIZATION OF CONDUCTIVE AND EXPLOSIVE DUST USING MINERAL OIL / NEUTRALIZING LIQUID

Continuous Duty 24-7

SINGLE PHASE | THREE PHASE

HEPA FILTER
99.995% EFFICIENCY
AT 0.3 MICRON

DESIGNED FOR THE RECOVERY AND INERTIZATION OF CONDUCTIVE AND EXPLOSIVE DUST

TITANIUM · ALUMINUM · MAGNESIUM · ZIRCONIUM
AND OTHER COMMERCIAL ALLOYS

Cat.2 EXPLOSION PROOF / DUST IGNITION PROOF

DRAIN VALVE 38 mm
WITH LOCKING SYSTEM TO PREVENT
ACCIDENTAL SPILLS

Oil or Water Mix

CD-IT (85L) EX CFE | 114L | 160L

IMMERSION SEPARATOR

TENSION	400 V	400 V	400 V
WATTAGE	2200 W	4000 W	7500 W
POWER	**2.2 kW**	**4 kW**	**7.5 kW**
AMPERAGE	4.8 A	8.7 A	16.2 A
AIR FLOW	212 m^3/h	299 m^3/h	850 m^3/h
VAC. PRESSURE	2540 mm H_2O	3380 mm H_2O	4370 mm H_2O
VRV SETTING	1780 mm H_2O	2030 mm H_2O	2795 mm H_2O

YOUR CHALLENGES

As new manufacturing technologies emerge, so do dust mitigation challenges. 3D printing frequently uses powered metals like aluminum, titanium, and magnesium, which introduce a whole new level of combustible metal dust handling, collection, and safety concerns to an already complex topic. There's no wrong time to take even small steps to address combustible metal dust challenges. Everything doesn't have to be completed at once, and every effort in mitigation increases safety for the shop and its employees.

Cat.2

EXPLOSION PROOF /
DUST IGNITION PROOF

DESIGNED TO CAPTURE
**AIRBORNE /
FUGITIVE DUST**

ADVANTAGES :

- ALUMINIZED SPUN BOND CARTRIDGE PROVIDING VERY GOOD MOISTURE AND ABRASION RESISTANCE
- REDUCING THE NUMBER OF PARTICLES IN THE AIR AND IMPROVING AIR QUALITY WITH A HEPA FILTER
- NO SHUT-DOWNS AND OPERATING WITHOUT INTERRUPTION WITH FILTER CARTRIDGE PULSE CLEANING
  (MANUAL OR WITH AUTOMATIC TIMER)

EXTRACTION ARM
6 in. SUCTION INLET with
6.6 ft. or 10 ft. REACH

HEPA FILTER
DOWNSTREAM HEPA FILTER
WITH AN EFFICIENCY OF
99.99% AT 0.3 MICRON

SWITCH BOX
GROUP E (METAL DUST)
MOTOR & SWITCH AVAILABLE

FILTER CARTRIDGE
ALUMINIZED SPUN BOND
CONDUCTIVE CARTRIDGE
WITH AN EFFICIENCY OF
97% AT 0.3 MICRON

AVAILABLE
FILTER CARTRIDGE
HEMIPLEAT® EXTREME FLAME RETARDANT
CONDUCTIVE CARTRIDGE WITH CARBON
WITH AN EFFICIENCY OF 99.99% AT 0.5 MICRON

Continuous Duty 24-7

SINGLE PHASE | THREE PHASE

HEPA FILTER
99.99% EFFICIENCY
AT 0.3 MICRON

304 STAINLESS STEEL 304
CONSTRUCTION AND
EXTRACTION ARM

CD-600 EX HEPA
DUST COLLECTOR

TENSION	230 or 400 V
FREQUENCY	50 Hz
WATTAGE	1500 or 2200 W
POWER	**1.5 or 2.2 kW**
AMPERAGE	4.8 or 12.3
AIR FLOW	1000 m³/h
SOUND LEVEL	72 dB(A)

Cat.2

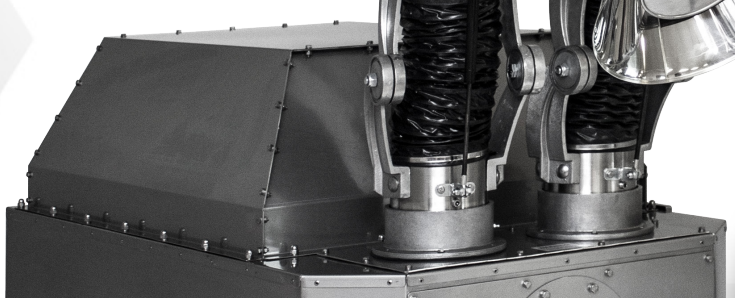
EXPLOSION PROOF /
DUST IGNITION PROOF

CD-1200 EX
DUST COLLECTOR

THREE PHASE

TENSION	400 V
FREQUENCY	50 Hz
WATTAGE	4000 W
POWER	**4 kW**
AMPERAGE	8.7 A
AIR FLOW	2000 m³/h
SOUND LEVEL	74 dB(A)

304 STAINLESS STEEL 304
CONSTRUCTION AND
EXTRACTION ARM



Continuous Duty 24-7

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