METECO JSC is Bulgarian-Italian joint stock company, founded in 1990, specialized in designing, construction and commissioning of aspiration – dedusting plants for purification of industrial and ventilation gases and dust laden fumes in all industrial branches.

METECO JSC designs and delivers bag filters and cartridge filters for dedusting of working medium in production premisses of foundries, carpentry shops, flour mills, textile shops etc.

METECO JSC has developed a range of small size of “Pulse Jet” filters with capacity up to 2000 m3/ h for aspiration of dust laden fumes from working medium in machine building plants.

METECO JSC performs reconstruction and modernization of existing aspiration-dedusting plants and takes in orders for individual delivery of centrifugal fans, screw conveyors, rotary valves, control valves, guiding devices etc.
METECO JSC acquired a “know-how” for designing and production of Pulse Jet Bag Filters, considering their advantages to other dedusting technics.

Bag filters with pulse bag cleaning PULSE JET are high-efficient dedusting equipment for dry cleaning of dust laden emissions in different industrial branches.

METECO JSC designs, delivers and puts in operation aspiration and dedusting plants in:

- Ferrous and non ferrous metallurgy
- Bentonite production
- Foundry
- Asphalt plants
- Chemical industry
- Power stations
- Cement production
- Carpentry shops
- Coffee roasting furnaces
At customer’s request a part of the equipment used in our dedusting plants can be manufactured by himself on our documentation and under our control.

Our aspiration and dedusting plants meet all the requirements of European standards for admissible concentration limits of harmful emissions for working and environment medium.

Every project is prepared after detailed investigation of technological processes and equipment, sources of pollution. That enables us to offer the most effective variant for gas cleaning. In some cases our dedusting plants are part of a complete production line, which ensures an entirely safe technology.

METECO designs and produces supplementary equipment for Bag Filters

supporting bag cases
/compact or split design/
from carbon and stainless steel,
with protective coating as well.

Venturi pipes and nozzles

At our clients request, we recommend most appropriate filter material and deliver filter bags for operating in normal and corrosive environment.
INSTALLED PLANTS

1992, Kazit JSC – Assenovgrad,BG
Aspiration plant for fume gases from arc furnace for calcium carbide - Q = 22000 m³/h

1993, Agrobiochem JSC-Stara Zagora,BG
Dedusting plant for industrial gases from “White smooth” dryer - Q = 25000 m³/h

1993, Stomana JSC – Pernik, BG
Reconstruction of bag filter to 100 t direct arc furnace - Q = 100000 m³/h

1994, Tzelhart JSC-Stamboliiski, BG
Fume gases dedusting plant to soda regeneration boiler “Babkow” Q = 240000 m³/h

1995, Krivorojsteel Co.,Ukraine
Dust cleaning filter plant for fume gases from carbide furnace - Q = 35000 m³/h

1995, UGOK Co.,Ukraine
Two dedusting plants for bulk material trans-loading sections – engineering project Q = 25000 m³/h

1996, PakistanSteel Co-Karachi, Pakistan
Four dedusting plants for bulk material trans-loading sections – engineering design Q = 120000 m³/h

1996, Kremikovti JSC-Sofia, BG
Dedusting plant for trans-loading No 4 in Sintering Factory – Engineering desing Q = 40000 m³/h

1997, CGOK Co. – Krivoy Rog, Ukraine
Dedusting plant for trans-loading section of ferrous pellets production line Q = 70000 m³/h

1998-1999, Bentonite JSC - Kurdjali, BG
Two dedusting plants to bentonite drum driers - Q = 22000 m³/h

1999, HYUNDAI ELPROM TRAFO JSC-Sofia,BG
Dedusting plant to Foundry for non ferrous and precious castings - Q = 70000 m³/h

2000, Prokafin Ltd –Pernik, BG
Gas deodorizing plant to coffee roasting furnace - Q = 2500 m³/h

2000/2001, Marubeni Corp., Japan
Dust cleaning plant for industrial gases from zinc calcine ball mill in KCM SA – Plovdiv, BG Q = 6700 m³/h

2002, Ideal Standart JSC – Sevlievo, BG
Dedusting plant to working places for manual treatment of shower baths - Q = 2900 m³/h

2002, Pirinsstroyengineering JSC – Blagoevgrad, BG
Pulse-jet dedusting plant to asphalt mixing drum and trans-loading section in asphalt plant Gotze Deltchev- Q=32 t/h asphalt mixture Q = 8500 m³/h

2002, NAVAN –Chelopech JSC,BG
Rehabilitation and equipment completing of I, II and III production lines of aspiration system in “Coarse crushing” workshop

2002, Ozont Izzer” Ltd - Sofia, BG
Gas aspiration plant to laser cutter with small working table - Q = 400 m³/h

2002, Elprom Trafo JSC – Kyustendil,BG
Aspirating and deducting plant and industrial vacuum cleaner in woodwork shop Q = 10000 m³/h

2003, Thermal Power Station-Varna,BG
Aspirating system including dust collectors and dedusting plants for trans-shiping sections 2/3, 3/4 and 4/5 of conveyor belts in coal feeding shop - Q = 3100 m³/h

2003, Zlatna Panega Cement PLC, BG
Five aspiration and deducting plants to cement cilo and trans-shiping section Q = 15000 m³/h, Q = 3000 m³/h, Q = 2500 m³/h

2003, Regel - M Ltd. –Itimatan, BG
Dedusting plant to steel chips mill Q = 7000 m³/h

2003, 2004, Medical Academy – Sofia, BG
Chemical reagents production plant to Incinerator for hospital and harmful wastes Q = 4 t/daily

2004, Asphalt plant –Topolite-Varna,BG
Dedusting plant for fume gases from asphalt production - Q = 25 t/h asphalt mixture

2004, Spetema Production Ltd. - Sofia,BG
Dedusting and transport system from 3 coffee plant cyclons Q = 400 m³/h

2004, Thermal Power Station-Bobov dol, BG
Aspiration and deducting system to “Coal feeding shop”, Engineering desing Q = 130600 m³/h

2004, “RG Institute” JSC
Scopie, Macedonia
Dedusting plant for gases aspirated from Al melting furnace Q = 13000 m³/h

2004, Asphalt plant -Kajllyka- Pleven, BG
Dedusting plant for fume gases from asphalt production - Engineering project Q = 32 t/h asphalt mixture

2004, Asphalt plant – Kozirgo-Gabrovo,BG
Dedusting plant for fume gases from asphalt production - Engineering project Q = 60 t/h asphalt mixture

2004, Dinamo Ltd.-Sevlievo, BG
Aspiration and deducting systems of different workshops – Engineering project

2004, TITAN Zlatna Pangea Cement JSC,BG
Bag filters for deducting of 3 cement silo Q = 66000 m³/h

2005, “Bentonite” JSC - Kurdjali, BG
Six deducting plants to bentonite drum driers
Q = 70000 m³/h

2005/2006, Municipality of Troyan, BG
Urban solid wastes sorting plant Capacity - 24 t/daily

2006, Prity 65 Ltd. – Liaskovetz, BG
Cartridge filter to plasma cutting table Q = 10000 m³/h

2006, Komeks Co Ltd. – Plovdiv, BG
Dedusting plant to induction furnace Q = 8000 m³/h

2006, Asphalt plant – Topolite-Varna,BG
Dedusting plant for fume gases from asphalt production - Q = 40000÷45000 m³/h

2006, Asphalt plant – Kavarna, BG
Dedusting plant for fume gases from asphalt production - Q = 42000 m³/h

2006, Asphalt plant – Varna, BG
Dedusting plant for fume gases from asphalt production - Q = 42000 m³/h

2006, Factory for PVC profiles production
“Blick 9”-Sofia
Bag Filter - Q = 3300 m³/h

2006, Thermal Power Station-Bobob dol, BG
Aspiration and deducting system to “Coal feeding shop” – Fulfilling of Engineering desing from 2004, Q = 130600 m³/h

2007, S&B Industrial Minerals JSC-Kardjali,BG
Aspiration and deducting plants – 5 pcs Q = 34000 m³/h

2007, Asphalt plant – Vratschani, BG
Dedusting plant for fume gases from asphalt production - Q = 42000 m³/h

2007, Asphalt plant – Provadia, BG
Dedusting plant for fume gases from asphalt production - Q = 20000 m³/h

2007, Asphalt plant – Staro Oriahovo, BG
Dedusting plant for fume gases from asphalt production - Q = 20000 m³/h

2007, Factory for PVC profiles production
“Blick 9”-Sofia
Bag Filter - Q = 3300 m³/h

2007, Asphalt plant – Kostinbrod, BG
Dedusting plant for fume gases from asphalt production - Q = 45000 m³/h

2007, Asphalt plant – Vratsa, BG
Dedusting plant for fume gases from asphalt production - Q = 20000 m³/h

2007, Deven”JSC– Devnya, BG
Dedusting network to solid fuel and limestone conveying system – Deliveries&detailed design Q = 12000 m³/h, Q = 6000 m³/h

2007, Deven”JSC– Devnya, BG
Dedusting network to solid fuel and limestone conveying system – Deliveries&detailed design Q = 12000 m³/h, Q = 9000 m³/h, Q = 7500 m³/h

2008, Galco” JSC – Radomir,BG
Equipment delivery for commissioning of Bag Filter

2008, Bars” JSC– Shoumen,BG
Dedusting plant for fume gases from asphalt production Q=22000÷25000m³/h

2008, “C,P,R. Constantintiou Brothers” Ltd - Nicosia,Cyprus
Dedusting installation to crushing plant in a brick factory Q = 28000 m³/h

2008, „Bisser Oliva” JSC-Stara Zagora, BG
Delivery of three deducting plants to boilers for burning of sunflower flakes Q = 25000 m³/h

2008, “Bulsar” JSC,Plovdiv,BG
Bag filter for carpentry workshop Q=22000÷25000 m³/h