



MODELS TO BE USED IN THE DIFFERENT FIELDS

9 different lines, more than 60 different models

- MISTRAL range (a full range of strong compact mobile vacuums for Wet&Dry, dry, single phase and 3 phase continuous duty applications, 1 to 3 KW)
- SINGLE PHASE Industrial range (The strongest single phase, Wet & Dry + Dry , 1 to 3,6 KW)
- ZEFIRO range (Three phase from 1,5 to 5,5 KW, powerful but compact and mobile)
- INDUSTRIAL line (Three phase from 3 to 5,5 KW, for the heavier applications)
- HEAVY DUTY line (Three phase from 7,5 to 25 KW, for the very heavy duty applications, central systems etc.)
- EXPLOSION PROOF certified (Single and three phase, from 1,5 to 18,5 KW)
- AIR powered (vacuums without electrical motor, operated by compressed air alone)
- TECNOIL (Single and three phase, 2,8 to 11 KW, for the collection, cleaning and recycling of oil and coolant in the mechanical industry)
- FIXED SUCTION UNITS (Three phase, 1 to 3 KW, for continuous fixed application on production machinery)

IMPORTANT NOTICE: The following descriptions are given as examples of the most common applications in several fields, and are not meant to be exhaustive about fields, type of models and related applications

FIELD	APPLICATION DESCRIPTION	MODEL	REMARKS
METAL / MECHANICAL INDUSTRY	Cleaning of machine tools (CNC, lathes, drilling machines), involving once-in-a-while suction of metal chips, dust and scraps mixed to small quantities of oil and coolant)	DM40SGA - DM3	
	Non stop / intensive suction on machine tools (CNC, grinding machines lathes, drilling machines, grinding machines), involving once-in-a-while suction of metal chips, dust and scraps mixed to small quantities of oil and coolant)	SERIE ZEFIRO (2,2 KW - 5,5 KW) - SERIE DG (3 KW - 7,5 KW)	
	Fixed suction on machine tools of big quantities of oil mixed with chips, at a distance of 20 mt. or more	DG100-DG150-DG200	
	Cleaning and maintenance of machine tools , using big medium / big quantities of oil and coolant mixed to metal chips, involving the separation or filtration of the oil down to 300 - 100 micron, and the saving and recycling of the clean liquid into the machine tools (up to 250 litres er time)	TECNOIL range (mod. 150 M/M/P, 250 M, 250 T3)	
	Cleaning and maintenance of many machine tools , using big quantities of oil and coolant mixed to metal chips, thick swarf and heavy swarf involving the separation or filtration of the oil down to 300 - 100 micron, and the saving and recycling of the clean liquid into the machine tools (over 250 litres and up to 700 lt. per time)	TECNOIL range (mod. 250 T3, 450 T55, 700 T110)	
	Fixed continuous suction of dry dust from grinding machines	Mistral Trifase 3533/3534, DG20ECO, Zefiro 50/75	
STEEL PLANTS / FOUNDRIES	Fast removal of big quantities of steel dust from production areas (ovens, warehouses etc.) by means of central systems or very long hoses	DG150, DG200, DG300	Abrasion proof tools and pipes
	Once-in-a-while cleaning of metal and normal dust	ZEFIRO 100-101	
ELECTRONIC INDUSTRY	Fixed suction (by means of small central systems) of plastic dust caused by drilling machinery in board and semiconductors production areas	MISTRAL TRIFASE 3533/3534, DG1, DG60, DG2	
	Mobile cleaning in production areas and warehouses	MISTRAL 352DS	
	Central systems involving fixed suction in production areas and manual cleaning	DG100-DG150-DG200-DG300	
RUBBER INDUSTRY	Mobile cleaning in production areas and warehouses	DM40 SGA / DM3	Teflon or C/M filters
	Continous duty suction (fixed or by means of manual cleaning) on production machinery	DG RANGE (3 to 7,5 KW)	Automatic filter cleaning systems
PLASTIC INDUSTRY	Mobile cleaning involving suction of plastic dust and solid particles	MISTRAL 352DS, DM40 SGA, DM3	antistatic filters
	Fixed continuous suction on machinery of small quantities of dust and particles	DBF / DBFV	
	Central system involving continuous fixed suction on several units of machinery	DG RANGE (3 to 7,5 KW)	
GLASS INDUSTRY	Removal of big quantities of dust and solid parts from production areas	DG100-DG150	
	Mobile cleaning involving suction of glass dust and pieces	DM3	
BUILDING INDUSTRY	Suction of stone and marble dust from prefabricated pannel production areas	DG2 - DG100 - DG150	
	Suction of heavy dust (cement, marble, granite, stone) from floor & surface treatment machinery (cement cutters, scarifiers, single disc heavy duty)	DM40 SGA ELF / v DM3 ELF	M/C Filtration
WOOD INDUSTRY	Mobile cleaning of wood dust, scraps, pieces	MISTRAL 352DS, DM40 SGA, DM3	
PAPER INDUSTRY	Fixed continuous suction of small quantities of dust on paper cutting machinery	DBF/ DBFV	
	Fixed continuous suction of small or big quantities of light &solid scraps (strips, films, pieces) on paper cutting machinery	AS RANGE	
	Mobile cleaning of dry paper dust, scraps, pieces; cleaning of semi-wet remains into production areas	DM40 SGA, DM3, Zefiro 50 / 75	
	Cleaning of processing and treatment tanks, involving removal of cellulose paste and remaining muds	DG range (3 to 7,5 KW)	Stainless steel collection bin
TEXTILE	Fixed continuous suction of small or big quantities of light &solid textile scraps (strips, films, pieces) on cutting machinery	AS RANGE	
	Cleaning of carding machines from textile scrap wet with lubricating oil	DG RANGE (3 to 7,5 KW)	

FIELD	APPLICATION DESCRIPTION	MODEL	REMARKS
AGRI - FOOD INDUSTRY	Central systems in flour mills, food and animal food plants, dairy products and milk plants	DG2, DG150-DG200 - DG300	Stainless steel
	Cleaning of mixed material (wet & dry) from storing and warehouse areas in dairy & milk industry	MISTRAL 802 WD	Stainless steel
	Fixed suction of nylon and paper scraps from packaging areas	AS range, DG range (3 to 5,5 KW)	
	Cleaning of dust spillages in packaging areas	Mistral Triase / 150 ECO	Explosion proof Z22 conformity often requested
COATING	Cleaning of coating cabins (once in a while heavy duty service)	ZEFIRO range	C/M filter
CERAMIC INDUSTRY	Suction of big quantities of dust mixed to solid bulky scraps, under conveyor belts in production areas	DG100-DG150	
	Mobile cleaning of ceramic dust, scraps, pieces	Zefiro range	
POWER PLANTS	Cleaning of areas with high explosion risk (gas)	DM3 AIR EX	
	Central systems in areas with low / medium explosion risk	DG150 Z21 - DG300 SE Z21	
TRANSPORT AND VEHICLE MAINTENANCE	Cleaning Of buses and trucks	DG2, DG100	
	Cleaning of vehicles in car washing statons, with continuous duty	MISTRAL TRIFASE 3533/3534	
CONTRACTORS	General cleaning of mixed materials	Mistral 602 / 802, Mistral 352 DS, DM40 SGA, DM3	
HOTELS & RESTAURANTS	Central systems with remote on-off switch	Mistral 352 DS	Electronic board for remote on-off switch
	General cleaning of mixed solid and liquid material	Mistral 602 / 802	
Shipyards	Suction of big quantities of remains from sanding process (heaps of sand mixed to metal dust and scraps)	DG150, DG200SE, DG300 SE	
	Suction of dust and sand in coating areas	Zefiro 100/101	M Filtration
Aeronautics	Central systems in component finishing / polishing areas	DG2, DG100, DG150	
Tobacco plants	Central systems in tobacco grinding / packaging areas	DG200 - DG300	M filtration
Gold and jewel industry	Fixed suction of gold dust from working emplacements	DBF	
	Fixed suction from diamond cutting and production areas	DBF	
CEMENT PLANTS	Suction of spillages and dust in the various areas of cement plants, with long hoses or central systems	DG150-DG200-DG300	Automatic filter cleaning systems
CHEMICAL INDUSTRY	Suction of corrosive dust (small quantities)	Mistral 352DS, Mistral 150 ECO	Stainless steel
	Suction of corrosive and / or flammable dust in big quantities	Mistral 150Z21- DG1Z21- DG2Z21-DG150Z21 - DM3 AIR EX	ATEX explosion proof certified units
	Suction of corrosive liquids	Zefiro 75 - DG1-DG60	Stainless steel
	Suction of corrosive / flammable liquids	DM3 AIR EX	ATEX conformity Zones 1 and 2
PHARMACEUTICAL INDUSTRY	Fixed suction from tablets producing machinery	Mistral 3533-3534, DG15-30SGA	
	Mobile suction of small quantities of dust and solid material	Mistral 352 DS	H filtration+ stainless steel
	Suction of corrosive / flammable dust	Mistral 150Z21- DG1Z21- DG2Z21-DG150Z21-DM 3 AIR EX	ATEX Zone 21 or 1 and 2 EX conformity
LEATHER PROCESSING	Suction of dust from working banks	ZEFIRO range	
SANDING	Suction of sand mixed to metal dust and scraps	DG2-DG100SE-DG150SE	
WAREHOUSES with FLAMMABLE EXPLOSIVE material / SHOOTING CENTERS	Suction of liquid and mud from tank bottoms. Suction of gunpowder in shooting centers.	DM3 AIR EX	ATEX EX conformity zone 1 and 2
ALUMINIUM and PVC	Fixed suction on single and double headed PVC / Aluminium cutting machines	Zefiro range	
PACKAGING	Fixed suction of clay and earth dust in desiccant bags production areas	DG, DG100, DG150	
WASTE MANAGEMENT - INCINERATORS	Central systems to suck up highly corrosive dust from incineration and waste recycling processes	DG150, DG200, DG300	Stainless steel, automatic filter cleaning