

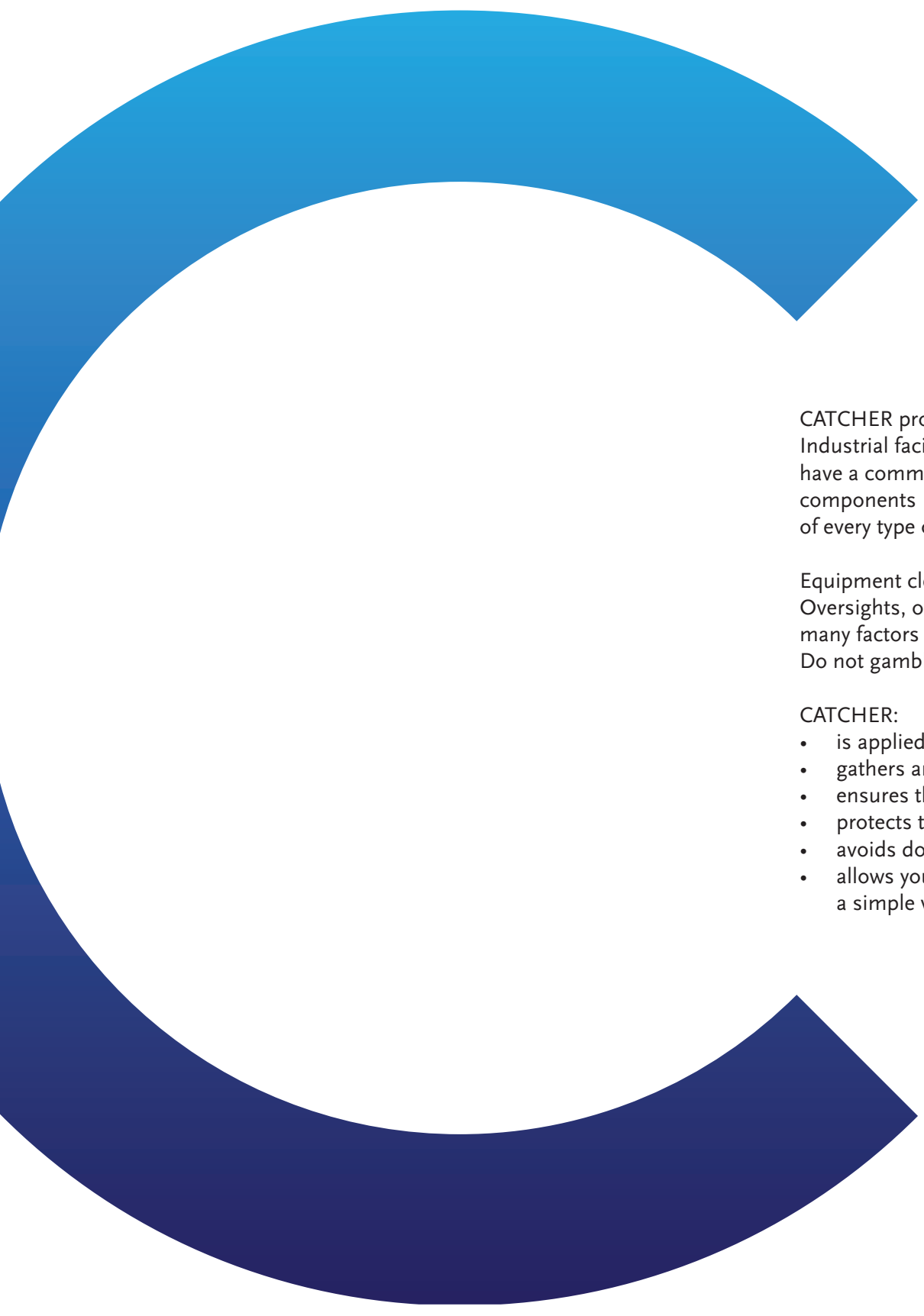
**CATCHER**  
PROTECTS YOUR INDUSTRIAL ENVIRONMENT





**DO NOT GAMBLE WITH DOWNTIME**





CATCHER protective filters are designed to protect your machines from impurities. Industrial facilities, production lines, state of the art electronic machinery all have a common enemy: floating impurities like dust, oily mists or dirt cover the components of every type of machinery.

Equipment cleaning can sometimes become a burdening activity. Oversights, overtime workload, large industrial facilities to inspect: some of the many factors that can dissolve the urgency for care of the machinery. Do not gamble with downtime.

**CATCHER:**

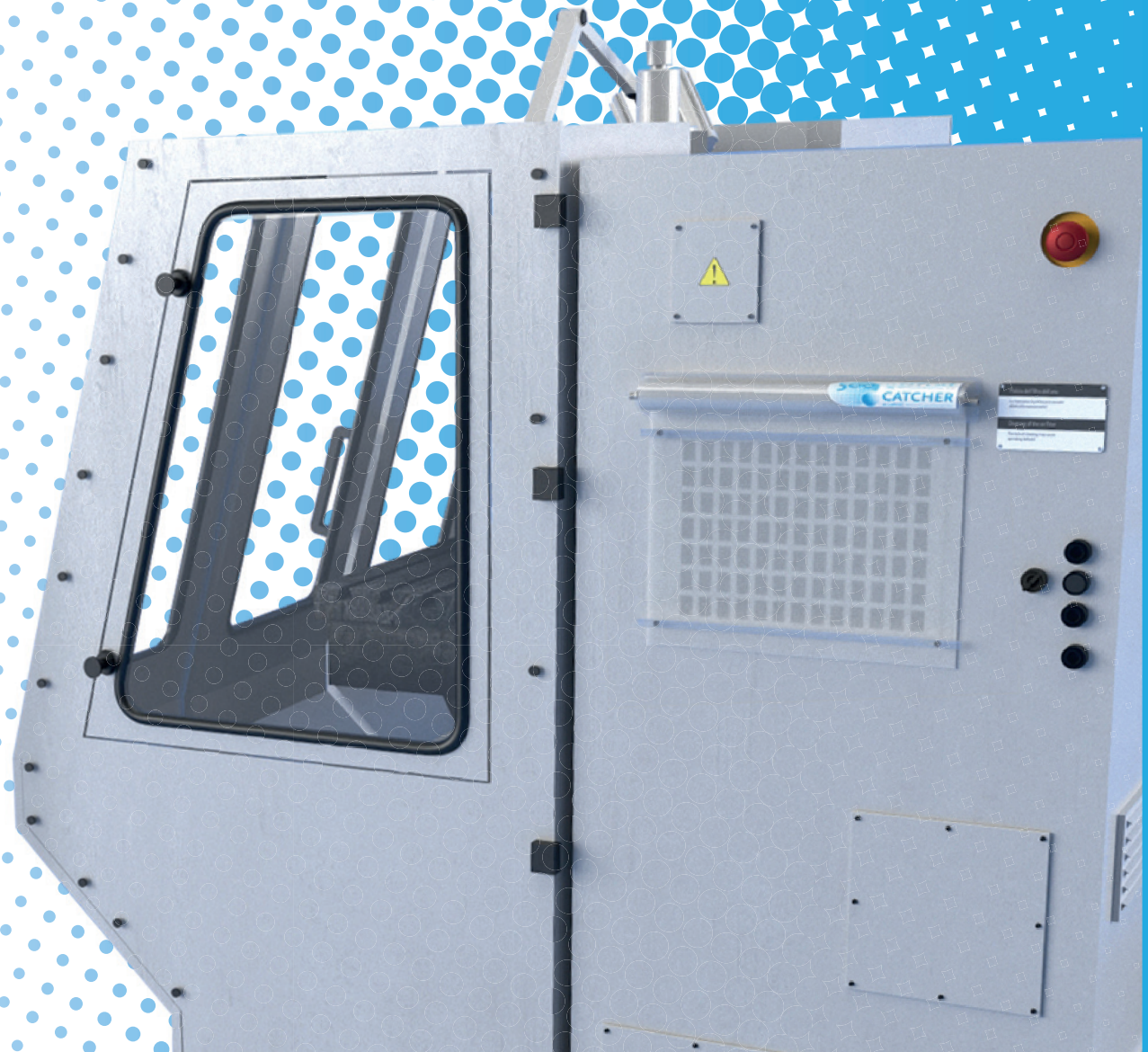
- is applied externally, directly onto the vent grid
- gathers and holds dust and oily mist with its patented-knitted fabric
- ensures the normal passage of fresh and clean air in the machine
- protects the engine and avoids the spreading of suspended particles
- avoids downtime thanks to easy application and replacement
- allows you to change the filter regularly, ensuring adequate air flow thanks to a simple visual control

# mistral

**MISTRAL is a filter designed to protect electronic and CNC machines from dust and oily mist in industrial environments.**

Protection can sometimes be too time-consuming: urgent deadlines, lack of specialized manpower or even simple omissions may prevent companies from cleaning machinery or replacing filters regularly.

To guarantee well-functioning and optimize productivity, all the automation, robot and numerical control machines need a clean industrial environment.





## Protection for:

Automation machinery  
CNC machines  
Electrical cabinets  
Industrial robots  
Refrigeration equipment

Filter Material for Catcher Mistral:

WType: PW20W

Fiber: PLA

Colour: WHITE

Thickness mm: 0.14

Tensile strength Kg/5Cm/5 cm MD: 3.5

Tensile strength Kg/5Cm/5 cm CD: 1

Elongation % MD: 13

Elongation % CD: 12

Tear Strength: 0.2

Air permeability l/(m<sup>2</sup>·s): 4800

Tolerance for Catcher Mistral:

Mass per unit area g/m<sup>2</sup> 40.3 - 90 EN 29073 part 1 ± 10%

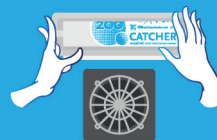
Thickness mm 30.5 - 99 EN 29073 part 2 ± 15%

Max. tens. strength N-N/50mm 20.2 - 89 EN 29073 part 3 ± 10%

Elongation % 20.2 - 89 EN 29073 part 3 ± 20%

Air permeability l/(m<sup>2</sup>·s) 140.2 - 99 EN 9237:1995 ± 25%

installation



available in five sizes

replacement



200  
7,87 in



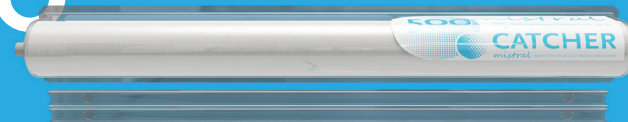
300  
11,81 in



400  
15,75 in



500  
19,69 in



600  
23,62 in





# zephyr

**ZEPHYR is a filter that protects machines from dust and oily mist in industrial environments, ensures the normal input of fresh air.**

Protection can sometimes be too time-consuming: urgent deadlines, lack of specialized manpower or even simple omissions may prevent companies from cleaning machinery or replacing filters regularly.

To guarantee well-functioning and optimize productivity, all the automation, robot and numerical control machines need a clean industrial environment.





## Protection for:

Compressors

Compressor cabinets

Cabinet cooling systems

Heat exchangers

Cooling systems

Filter Material for Catcher Zephyr

Type: 02305

Fiber: Polyester

Colour: WHITE

Mass per unit area g/m<sup>2</sup>: 25

Thickness mm: 0.17

Max. tensile strength dry LD/TD N/5 cm 40/20

Elongation max dry LD/TD % 18/18

Air permeability l/(m<sup>2</sup>·s): 5200

Tolerance for Catcher Zephyr:

Mass per unit area g/m<sup>2</sup> 40.3 - 90 EN 29073 part 1 ± 10%

Thickness mm 30.5 - 99 EN 29073 part 2 ± 15%

Max. tens. strength N-N/50mm 20.2 - 89 EN 29073 part 3 ± 10%

Elongation % 20.2 - 89 EN 29073 part 3 ± 20%

Capillary flow porometry micron ASTM F316-03 ± 20%

Air permeability l/(m<sup>2</sup>·s) 140.2 - 99 EN 9237:1995 ± 25%

installation



available in five sizes

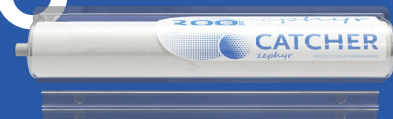
replacement



200  
7,87 in



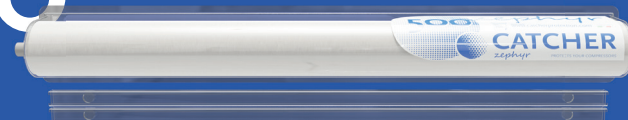
300  
11,81 in



400  
15,75 in



500  
19,69 in



600  
23,62 in



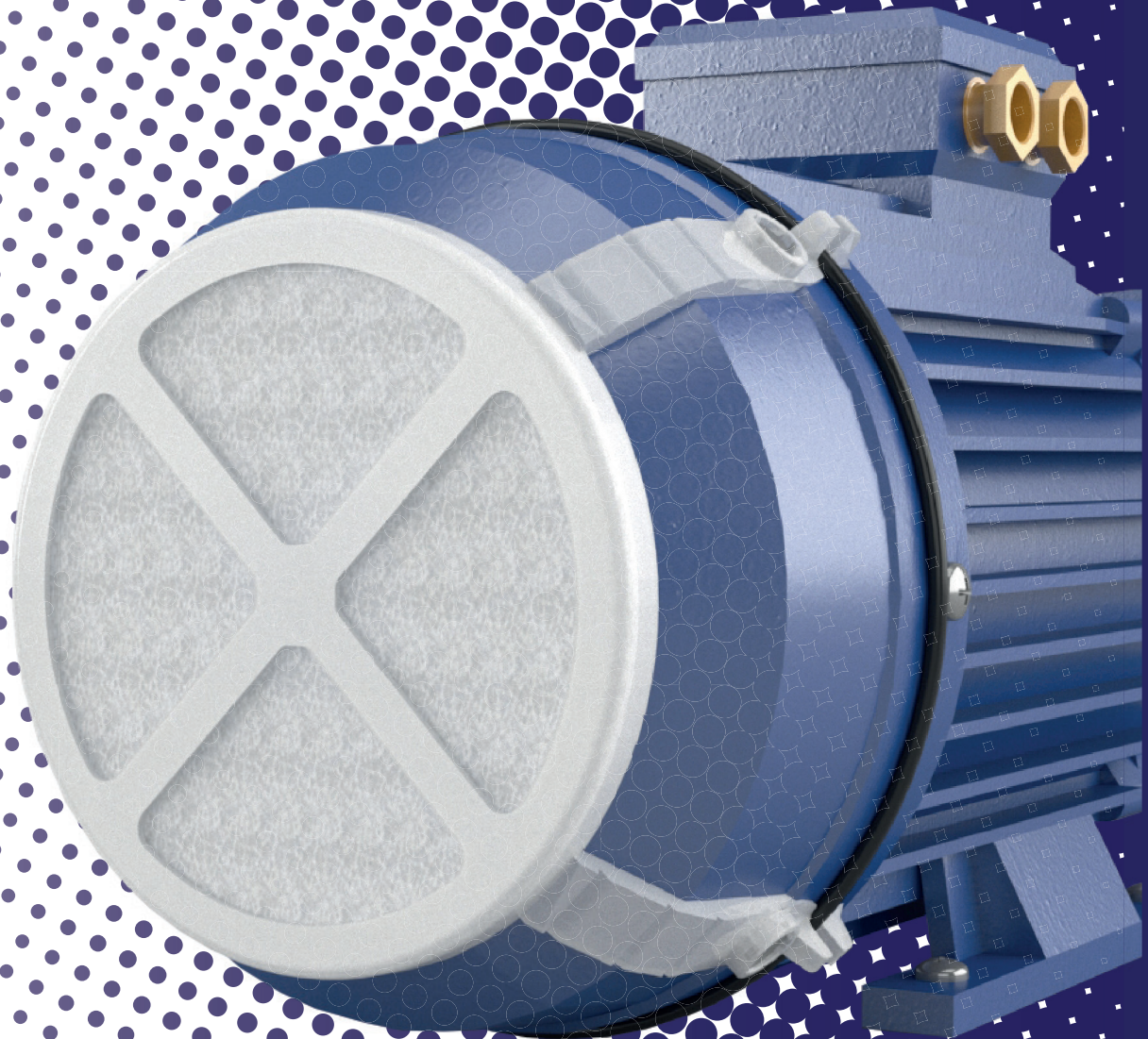


# chinook

**CHINOOK is a filter designed to protect electric motors from dust and oily mist in industrial environments.**

Protection can sometimes be too time-consuming: urgent deadlines, lack of specialized manpower or even simple omissions may prevent companies from cleaning machinery or replacing filters regularly.

The polyester filter CHINOOK can be easily applied on the fan cover of any kind of electric motor.





## Protection for:

Electric motors

Fan covers

Compressor motors

Refrigeration motors

Machine tools motors

Filter Material for Catcher Chinook

Type: PRS10A

Fiber: Polyester

Colour: WHITE

Material: Thermobonded

Weight ISO 9073-1 g/m<sup>2</sup>: 100

Thickness ISO 9073-2 mm: 10

Filter class EN 779: G2

Initial arrestance EN 779 %: 58

Average arrestance EN 779 %: 75

Nominal air flow speed EN 779 m/s: 1.5

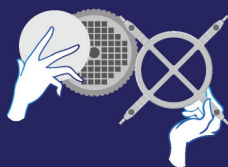
Initial pressure loss EN 779 Pa: 17

Final pressure loss EN 779 Pa: 250

Dust holding capacity EN 779 g/m<sup>2</sup>: 633

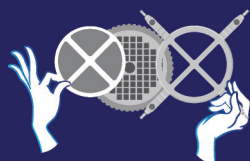
Flammability DIN 53438: F1 / M1

installation



available in five sizes

replacement



**100**

3,94 in

**120**

4,72 in

**150**

5,91 in

**175**

6,89 in

**200**

7,87 in

**230**

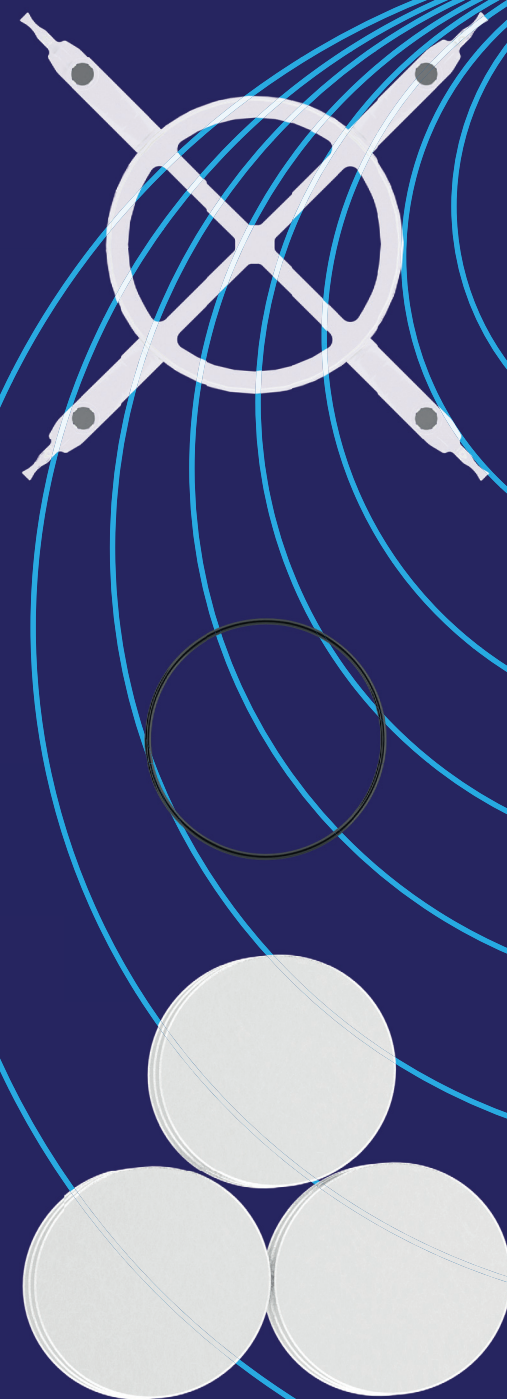
9,06 in

**260**

10,24 in

**300**

11,81 in



Each kit contains 1 elastic ring, 1 patented motorsupport with magnets and 12 filters.

## DO NOT GAMBLE WITH DOWNTIME

CATCHER reduces the possibility of malfunctioning, overheating and sudden stops of the machinery used in industrial facilities.

CATCHER can be applied on a wide variety of machines in different sectors:

- Machine tools
- Automation machines
- Cooling plants
- Recycling machines
- Industrial printers
- Industrial computers
- Personal Computers
- Machines for wood carving
- Packaging machines
- Machines for the food industries
- Machines for chemical industries
- Machines for pharmaceutical industries
- Machines for textile industries
- Refrigeration machines
- Others electronic machines

video gallery:

*mistral*



*zephyr*



*chinook*







**ALL CATCHER'S LINES PRODUCTS HAVE REFILLS SOLD SEPARATELY**





[www.catcherprotection.com](http://www.catcherprotection.com)

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