

GERAN[®]
physical access control products

CATALOG

ROLLER SAFE

INDUSTRIAL PROTECTION SYSTEM



ROLLER SAFE

Barriers and partitions
Barriers and fence

ROLLER SAFE is a semi-rigid protection system designed to safeguard sensitive, industrial and logistics areas against vehicle impacts. Thanks to its rotating polyurethane rollers, the barrier absorbs part of the impact energy and guides the vehicle along its path, reducing property damage and risks to people.

Operating principle

The system uses a rotating roller as its main point of contact. When a vehicle hits the barrier, the roller turns under the force of the impact. This rotation converts part of the impact energy into rotational energy, reducing the force of the collision, guiding the vehicle and limiting collateral damage.



Applications

ROLLER SAFE can be installed indoors or outdoors in various environments:

- Industrial and logistics areas;
- Warehouses, factories and car parks;
- Airports and baggage handling areas;
- Internal traffic routes;
- Sensitive infrastructure.
-



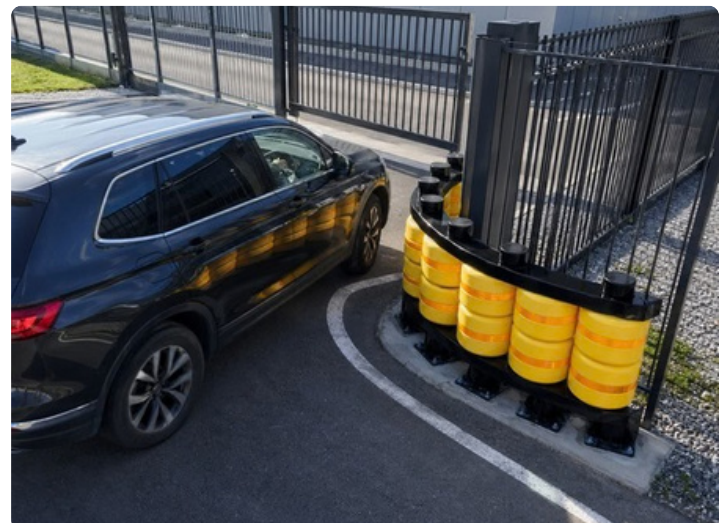
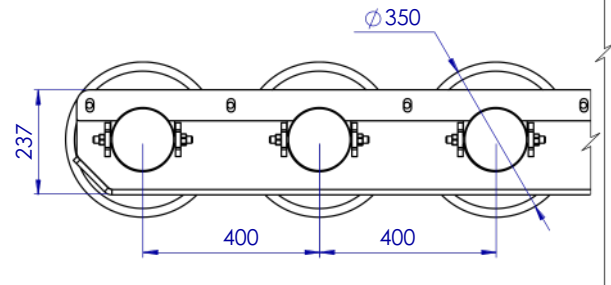
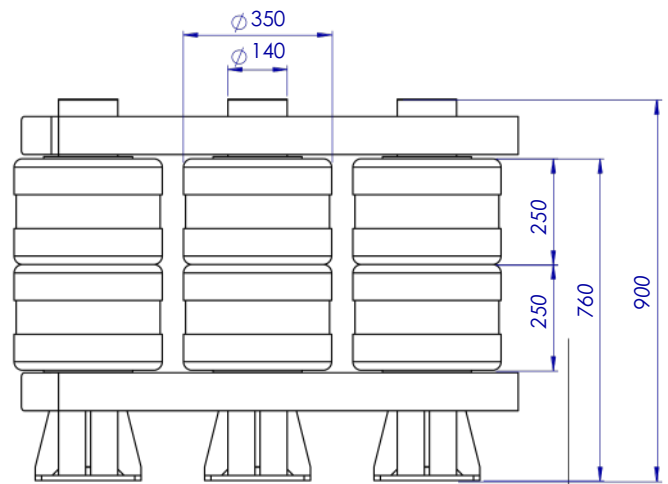
Main advantages

1. Impact absorption
Polyurethane rollers reduce the physical impact of vehicle contact.
2. Enhanced safety
The system protects people, vehicles and infrastructure.
3. Reduced damage
The rotating design limits damage to vehicles and equipment.
4. Flexible installation
The modular structure adapts to the constraints of each site.
5. High visibility
3M reflective strips improve visibility, even in low-light conditions.

ROLLER SAFE

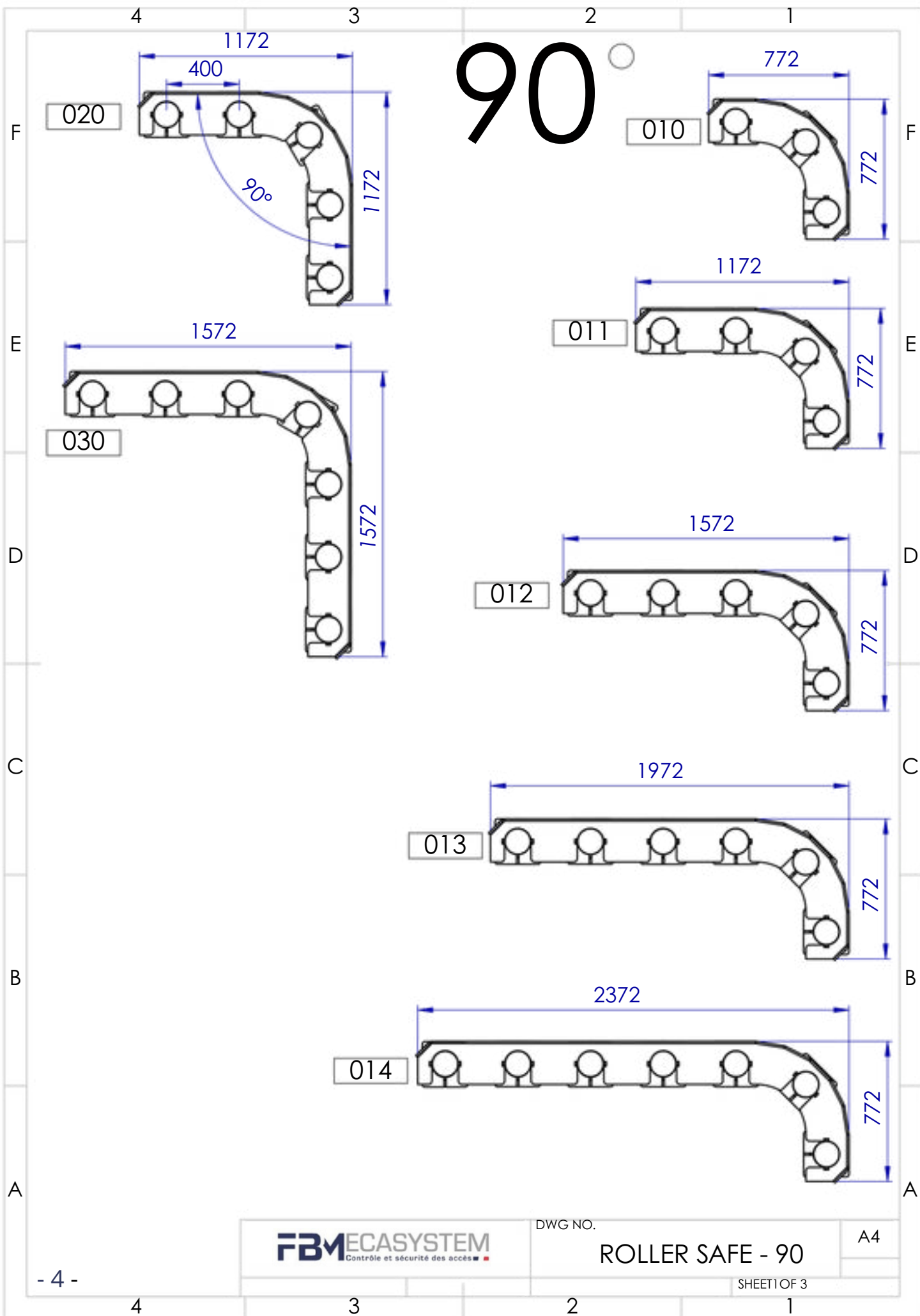
Barriers and partitions
Barriers and fence

Model	Roller Safe
Type	FRBroad blocker
Operating principle	Impact absorption through rotation
Installation type	In-ground / above-ground installation
Protected width	Custom-made
Height	900 mm
Dimensions	H 900 × D 350 mm × custom width
Roller material	Polyurethane compound + 3M reflective film
Post material	S325 steel
Surface finish	Epoxy coating / hot-dip galvanizing
Roller service life	8 years
Structure service life	15 years
Applications	Airports, warehouses, logistics, industry



ROLLER SAFE provides a reliable, highly visible and durable solution to protect traffic areas and reduce costs associated with property damage.

90°



FBMECASYSTEM
Contrôle et sécurité des accès

DWG NO.

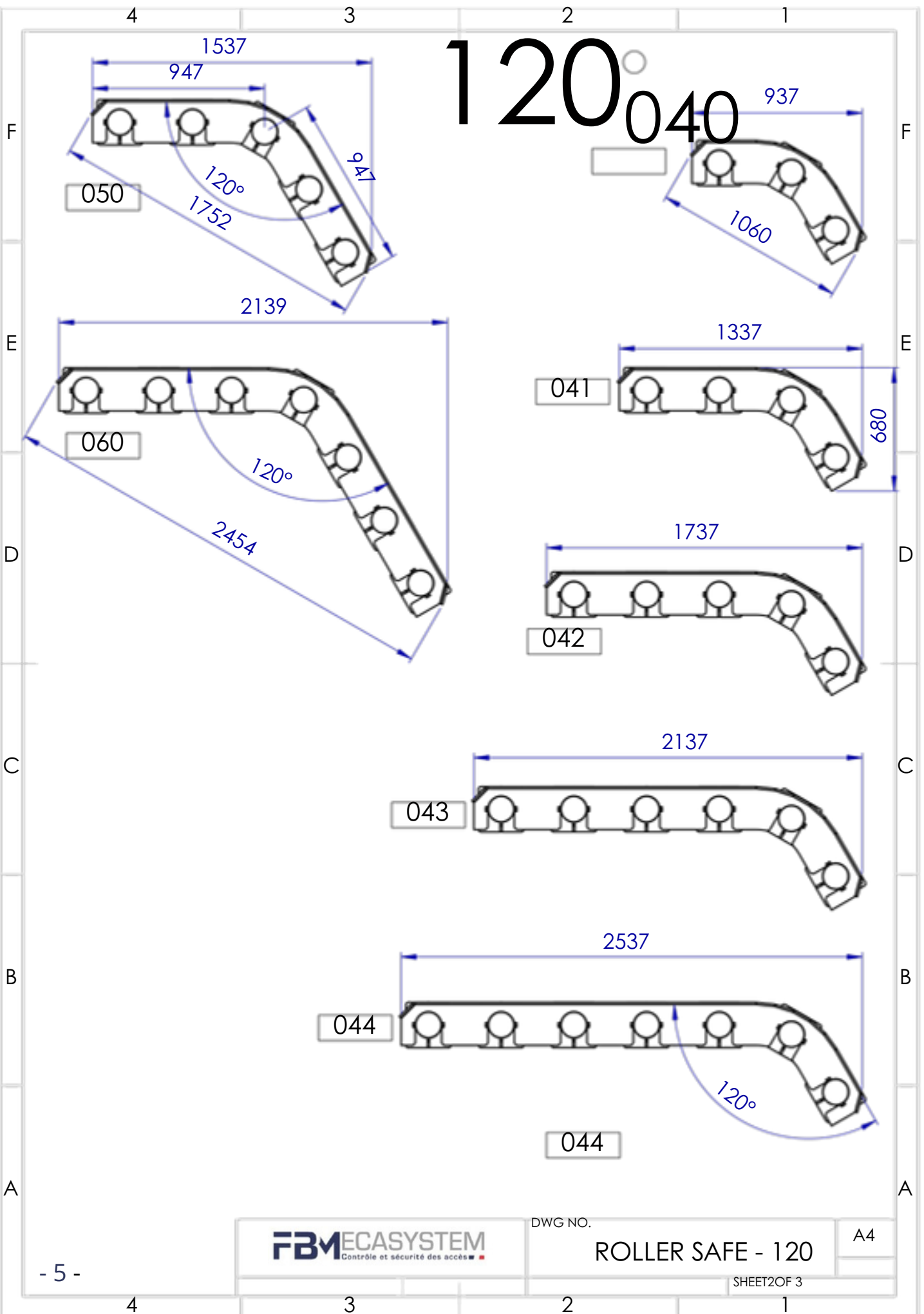
ROLLER SAFE - 90

A4

SHEET 1 OF 3

- 4 -

120₀₄₀



FBMECASYSTEM
Contrôle et sécurité des accès

DWG NO.

ROLLER SAFE - 120

A4

SHEET 2 OF 3

