

AutomatedUnloader

Introduction

Take a look at our
Automated Unloader
in action!



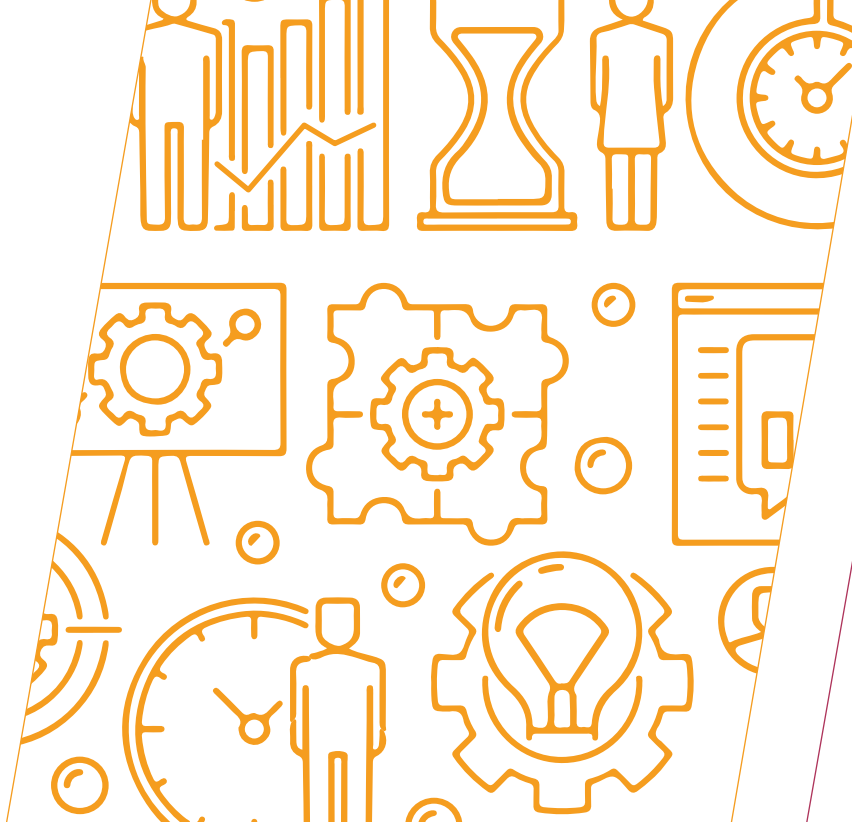
SAT presents the Automated Unloader, a cutting-edge technology able to manage big profiles in an easier and more efficient way.

It uses five helical belts or conveyors to transit the aluminium extrusions from the vertical to the horizontal position for the unloading. Once the aluminium profiles reach the horizontal position, they are moved to the motorized unloading table for handling.

The five belts unloading system is designed to process extruded aluminium profiles **between 2 meters and 8 meters length.**

The Automated Unloader allows the customer to offload extrusions from their vertical powder coating system without adjusting the position of the unload system. The Automated Unloader is able to eliminate the gaps between the extrusions on the line and to minimize marring and bending of the parts as they move along the vertical curve of the conveyor.

Automated Unloader Advantages



PRODUCTIVITY



QUALITY



SAFETY



Automated Unloader Advantages: PRODUCTIVITY

manage both
**BIG AND
HEAVY** but also
SHORT PARTS

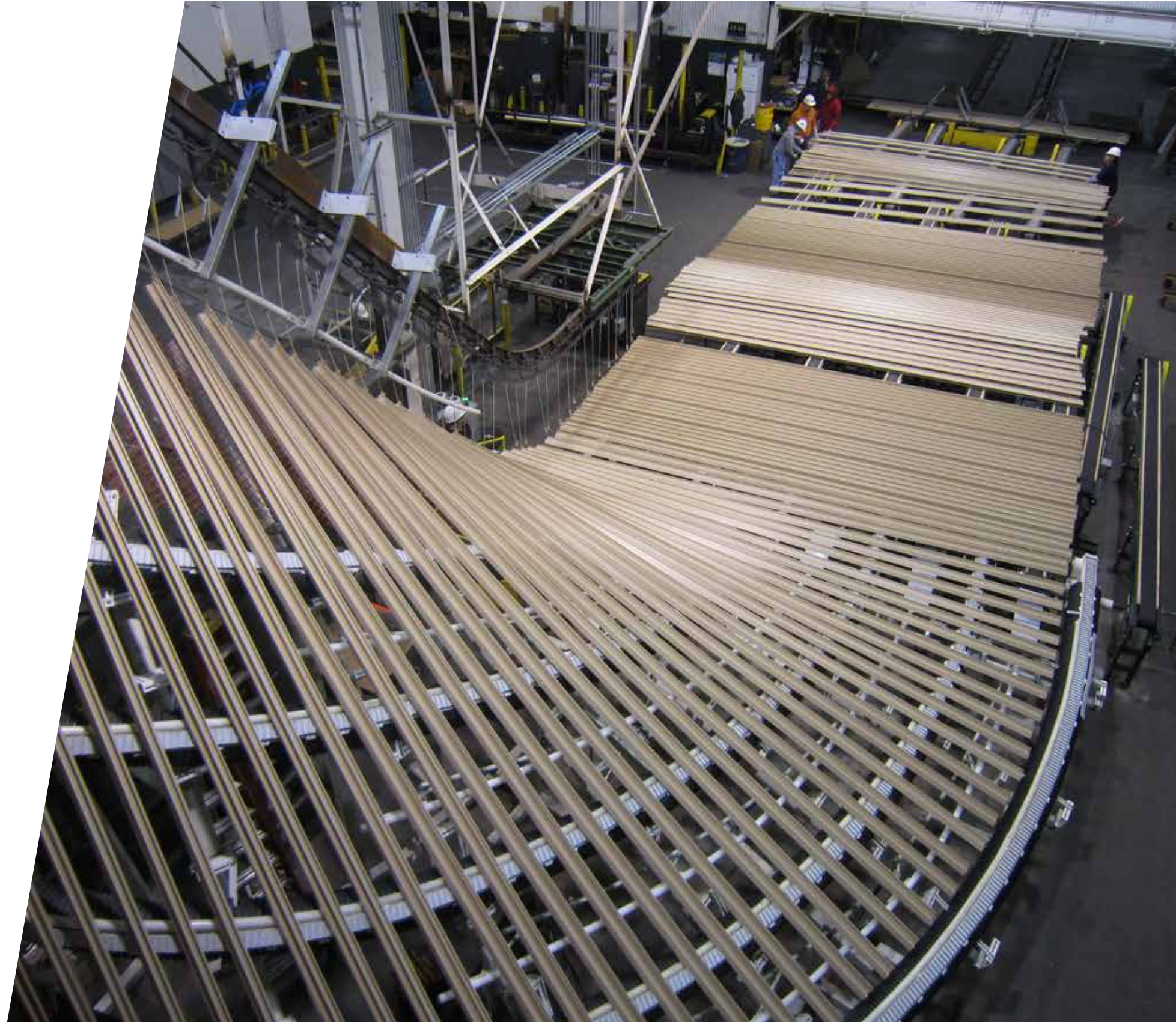
ELIMINATE THE GAPS
on the conveyor due to
mixed length

**ELIMINATE
CONVEYOR STOPS**
due to falling parts

PRODUCTIVITY

**UNLOAD
MIXED
PROFILES**

**PRODUCE
MORE PROFILES
PER SHIFT**
than ever before



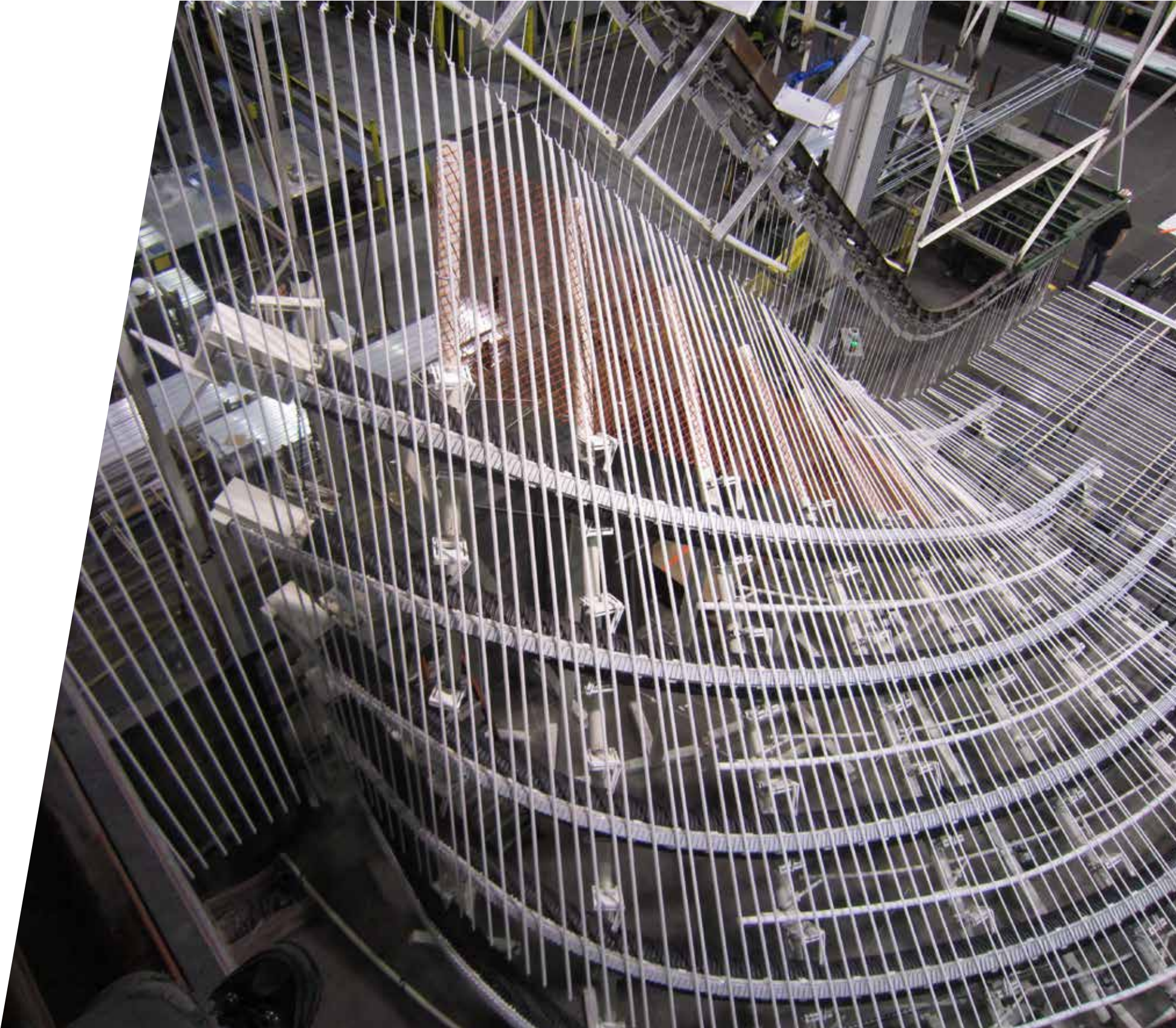
Automated Unloader Advantages: QUALITY

**POSSIBILITY TO
PREVENT THE PARTS FROM**

tangling, banging, marring, bunching up or
dropping avoiding rejects

QUALITY

REDUCE
the number of
SCRAPS



Automated Unloader
Advantages: SAFETY

REDUCE
the risk of
**FALLING
PARTS**

EASIER JOB
of the worker because of
LESS HANDLING

SAFETY

**PARTS ARE
UNLOADED
EVEN IF
UNHOOKED**

**PARTS ARE EVENLY
SPACED
FOR FINAL
PACKAGING**



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The Gema logo consists of the word 'Gema' in a bold, black, sans-serif font. A red curved line is positioned above the 'G'.

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