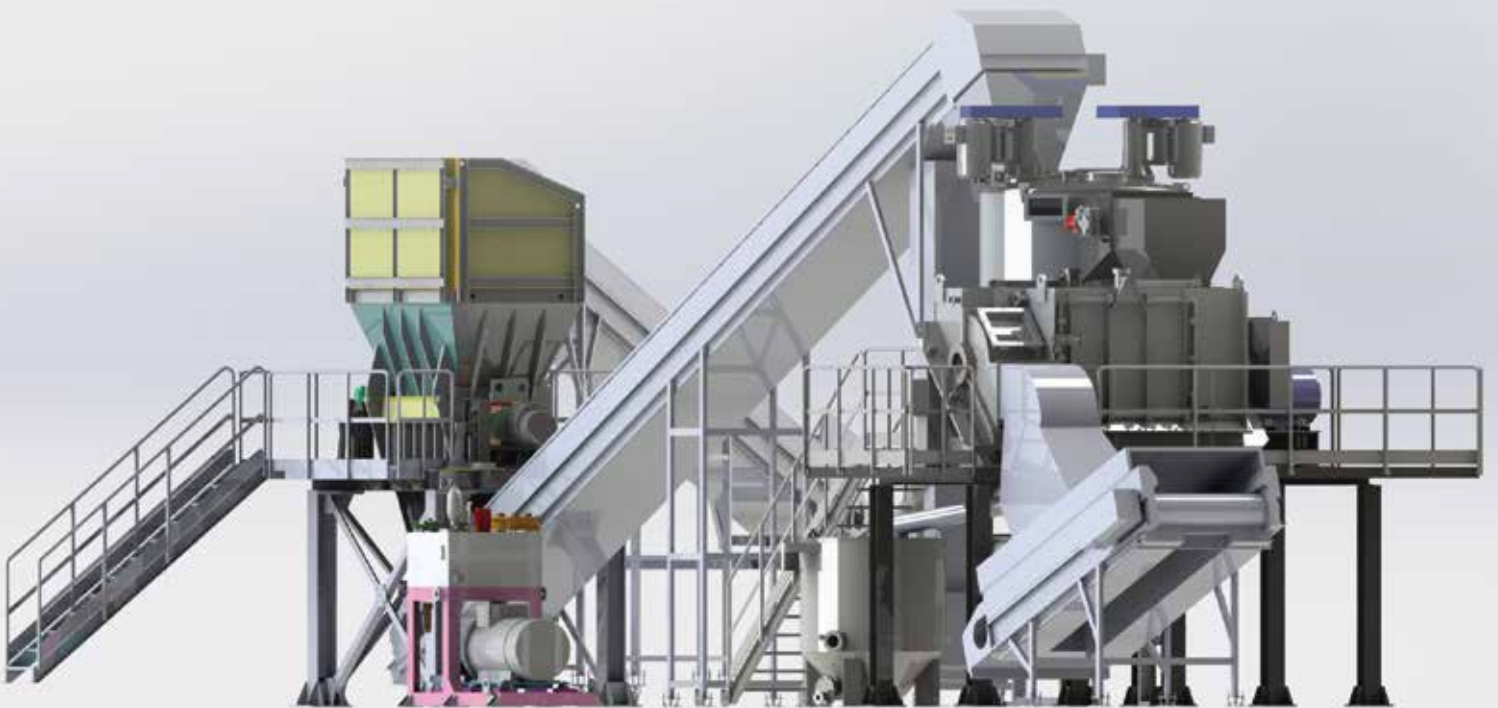


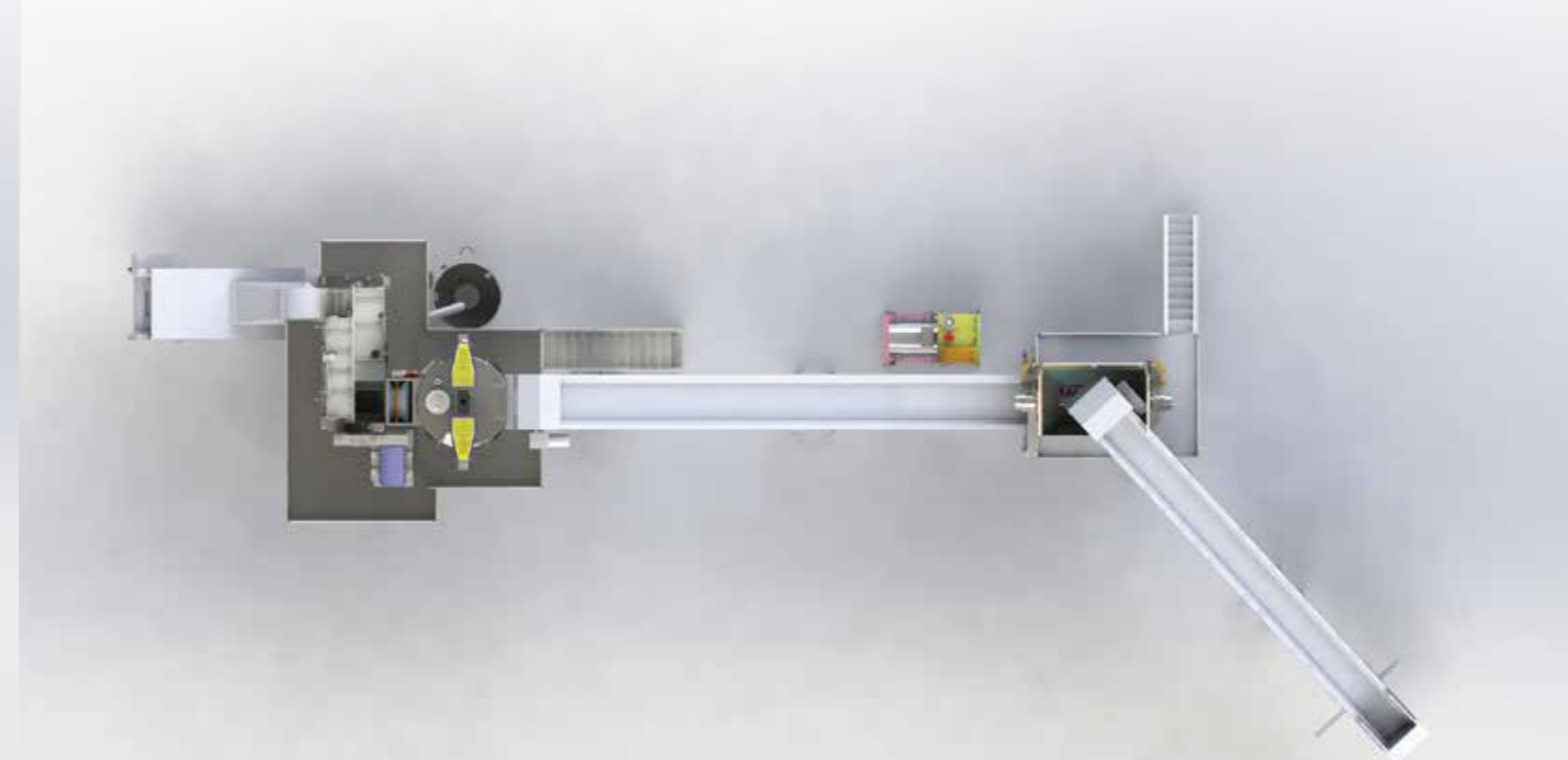
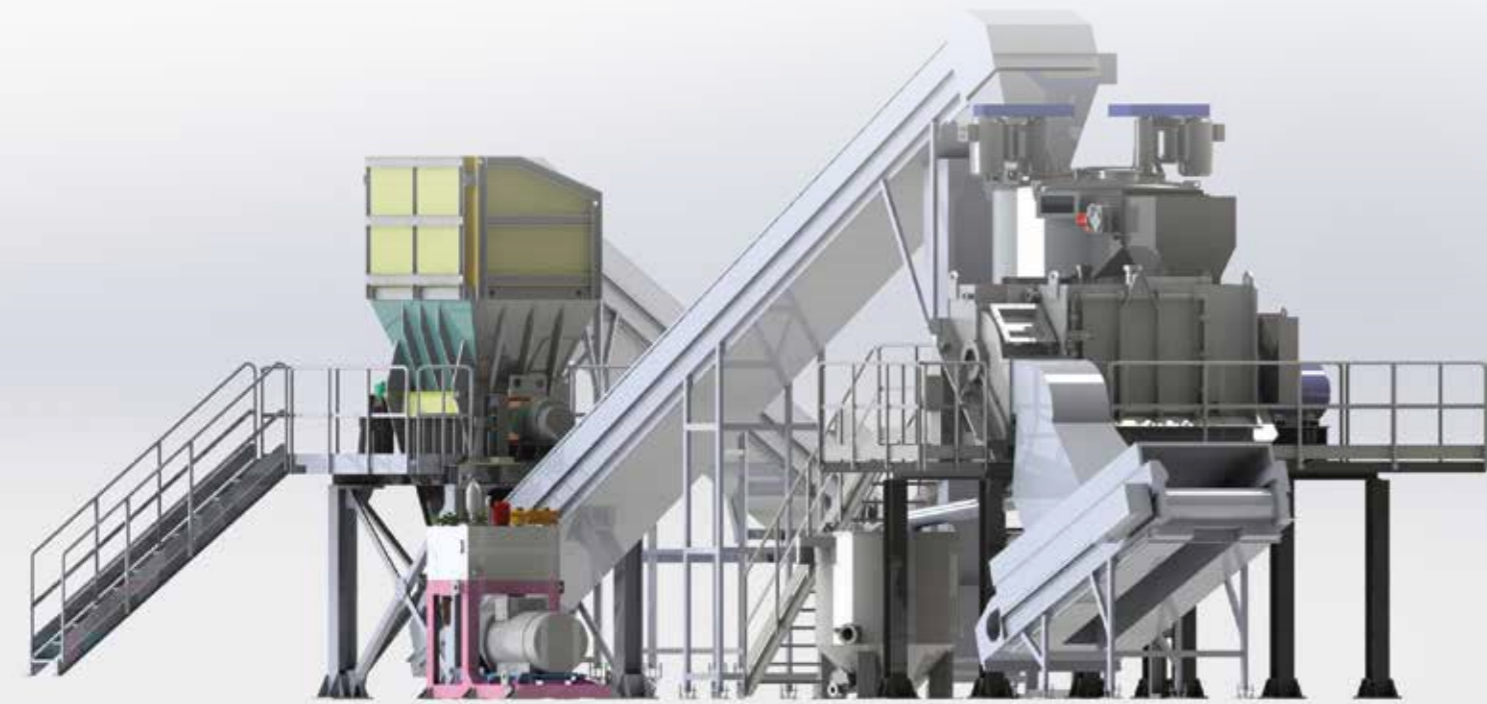
Sorema[®] [©]

PLASTICS RECYCLING SYSTEMS



PULPER WASTE RECYCLING





PALPER WASTE RECYCLING

THE NEW PATENTED MODULE FOR FIBRE RECOVERY

THE NEW **SOREMA** MODULE HAS BEEN DEVELOPED IN COOPERATION WITH LEADING EUROPEAN PAPER MILLS TO MINIMISE THE LOSS OF FIBRE IN WASTE PRODUCTS INTENDED FOR PULP AND/OR LANDFILL. ALL THE EXPERIENCE AND TECHNOLOGY GAINED IN MORE THAN 40 YEARS IN THE RECOVERY OF PLASTIC MATERIALS HAS BEEN ADOPTED IN THIS MODULE TO ENSURE DURABILITY AND EFFICIENCY IN FIBRE PROCESSING.

KEY ADVANTAGES:

- CHECK AND MODIFICATION OF MAIN MODULE PARAMETERS ACCORDING TO THE CHARACTERISTICS OF INPUT MATERIAL.
- 8 TONS INPUT PRODUCTION FOR ONE SINGLE MODULE.
- MAIN PARTS IN CONTACT WITH WATER/MATERIALS, MADE OF STAINLESS STEEL - AISI 304.
- LOW POWER CONSUMPTION.
- ROBUST MACHINERY ENSURE LONGER LIFE PLANTS.
- STATE OF ART SYSTEM WITH LATEST PROCESS CONTROL TECHNOLOGY.
- MACHINES DESIGNED FOR QUICK AND EASY MAINTENANCE.
- EMERGENCY AND SAFETY SYSTEMS AT CRITICAL MAINTENANCE POINTS.
- EASY INTEGRATION WITH OTHER **SOREMA** MODULES FOR A MORE ACCURATE PROCESSING OF WASTE.



GENERAL CONCEPT OF THE PROCESS

SOREMA MODULE HAS BEEN DESIGNED TO RECOVER FIBRE FROM THE PULPER WASTE WITH A HIGH CONTROLLED FRICTION SYSTEM.

THE PROCESS IS DIVIDED INTO 3 PHASES:

1. DOSIFICATION AND CUTTING
2. FRICTION AND SEPARATION OF HEAVY MATERIALS
3. RECOVERY OF FIBRE AND DISPOSAL OF LIGHT WASTE

IN THE FIRST PHASE, MATERIAL IS DOSED INTO THE WASHING SYSTEM TO AVOID OVERFLOW OF MATERIAL THAT COULD MODIFY THE BALANCE OF THE PROCESS. THE MACHINE HAS ALSO BEEN DESIGNED TO CUT AND OPEN POSSIBLE LONG MATERIAL, OPTIMISING THE NEXT PHASE OF HIGH FRICTION WASHING.

IN THE SECOND PHASE, MATERIAL IS WASHED WITH WATER, AND HEAVY MATERIAL (PET, METAL, INERTS ...) IS SEPARATED FROM LIGHT CONTAMINATION AND FIBRES.

IN THE LAST PHASE, FIBRE IS SEPARATED FROM LIGHT CONTAMINANTS AND IT IS RETURNED TO THE PULPER. LIGHT CONTAMINATION IS ELIMINATED WITH A GOOD FINAL DRY VALUE.



PREVIERO

SIZE REDUCTION TECHNOLOGY



RUBBER GRINDERS



SHREDDERS



PULVERIZERS



WET GRINDERS



COMPLETE SYSTEM FOR SIZE REDUCTION

RUBBER GRINDERS

SHREDDERS

GRINDERS

PULVERIZERS

STRAND PELLETIZERS

CUBE DICERS

SOREMA

PLASTICS RECYCLING SYSTEMS



PET BOTTLES



MIXED PLASTICS



PE/PP FILM



HDPE BOTTLES



MODULES FOR RECYCLING PROCESS

COMPLETE TURN KEY SYSTEMS FOR:

PET/HDPE BOTTLES

PS/PP/PE RIGID PLASTICS

MIXED PLASTICS

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The data of this catalogue must be therefore understood as informative.

