

## FRESH TRIM RETURN SYSTEM "REC"



**we know pasta**

# FRESH TRIM RETURN SYSTEM "REC"

Now more than ever due to increased costs of raw material Pasta plants of all capacities have the need to recover in an efficient manner scrap /trim that are produced from the initial stages of processing Pasta.

**Storci** has developed a complete range of equipment and systems for scrap return /recovery , from a simple single machine operation to a fully automated centralized system "we have the solution".

Let us find the right system for your operation.



## TRIM RETURN SYSTEM "REC"

### THE CONCEPT

- To find a simple system that will reduce the scrap/trim to a small particulate that will allow proper reintroduction for hydration.

### HOW IT WORKS

- All of our models are designed with a **Sizing Screen** (interchangeable screen sizes) that the Trim is forced to pass through. This will produce a controlled particulate size of the return Trim that can be reintroduced to the Dough Mix.

**Laminated Sheet Trim 6 mm**  
Hard Wheat Semolina- Egg- Water



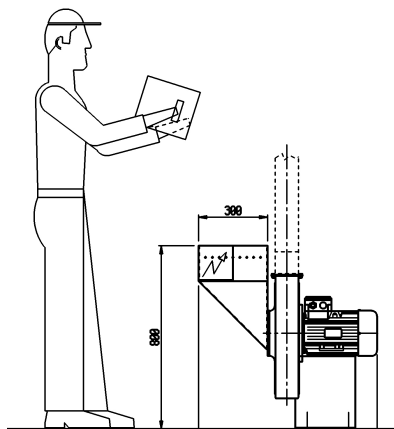
**Spaghetti Trim -1,6 MM**  
Hard Wheat Semolina- Egg- Water



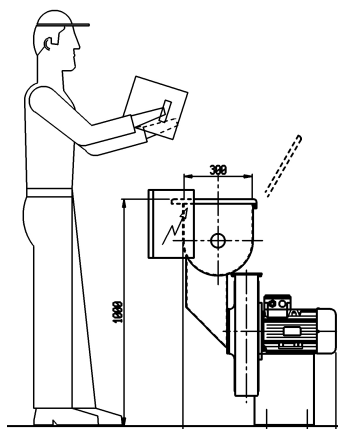
# TRIM RETURN SYSTEM "REC"

## MODELS

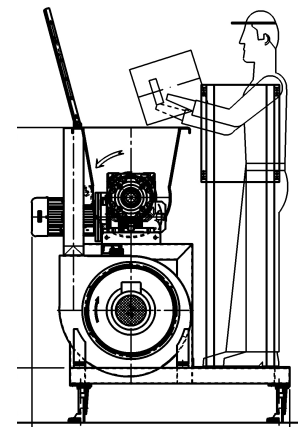
- The First Type pertains to **Hopper Capacities** For:  
Manual Hopper Loading (model **BASIC** ) for small trim pieces  
30 liter(70 lbs) capacity for medium size trim pieces (model **EASY**)  
130 liter (280 lbs) capacity for large trim pieces (model 500 e 1000)



**BASIC**



**EASY 30 liter (70 lbs)**



**500 / 1000 130liter (280 lbs)**

## TRIM RETURN SYSTEM "REC"

- Second Type pertains to **GRANULA** chopper model for:
  - Model **GRANULA C/ALL** is the base version Blower/ Chopper made of Nickel plated Aluminum fixed enclosure;
  - Model **GRANULA C/A/I** is our Premium Model and is supplied with a robust Stainless Steel Blower /Chopper with an (acoustic insulated cover) with quick opening features to facilitate sanitation of the entire unit.



MODEL C/ALL



MODEL C/A/I

## TRIM RETURN SYSTEM "REC"

- The Third Type pertains to the **feeding system to the Dough Mixer:**
  - **BASIC** Models are based on a single Hopper
  - Models **"EASY"REC& REC 500** are based on a hopper design that feeds directly to the CHOPPER/BLOWER .

For inconsistent scrap it is possible to use the product hopper or the Chopper inverter afterwards the exiting product will be fed to the Blower.



MODEL REC 500 C/A/I

## TRIM RETURN SYSTEM "REC"

- Model **REC1001** consists of a product storage auger system, incorporated in the Hopper that guarantees a consistent programmable feed of the size reduced trim to the Primary Dough Mixer.

This solution is recommended when two or more dough mixers are fed with return scarp or when it is necessary to control the percentage of scrap consistently to the formulation of new dough recipes



**MODEL REC 1000/N C/A/I  
WITH AUGER STORAGE SYSTEM**

## TRIM RETURN SYSTEM "REC"

### ALL "REC" MODELS

- **BASIC REC C/ALL**
- **BASIC REC C/A/I**
  
- **EASY REC C/ALL**
  
- **REC 500 C/ALL**
- **REC 500 C/A/I**
  
- **REC 1001 C/ALL**
- **REC 1001 C/A/I**

### Required Technical Specifications Common to all Models :

- Recoupable Product having an homogeneous blend of 25% - 30% Moisture
- The product should have an homogenous consistency with a dry outer surface.
- Return Capacity of 100÷500 kg/h  
Depending of the Product

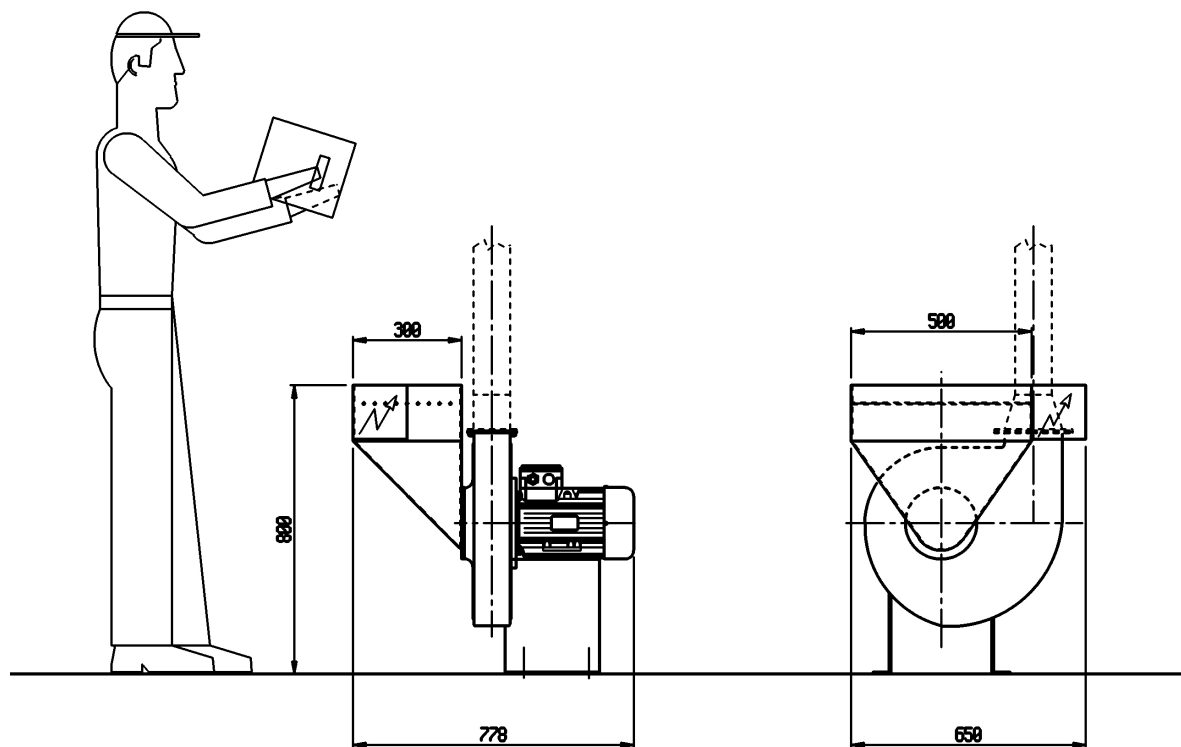
### Chopper/Blower Type:

- **GRANULA C/ALL** with 3 kW motor
- **GRANULA C/A/I** with 4 kW (series) Motor
- **GRANULA C/A/I 7.5** with 7,5 kW motor (on request) recommended for long (Tube) runs.

## TRIM RETURN SYSTEM "REC"

### BASIC REC Series:

- BASIC REC C/ALL
- BASIC REC C/A/I



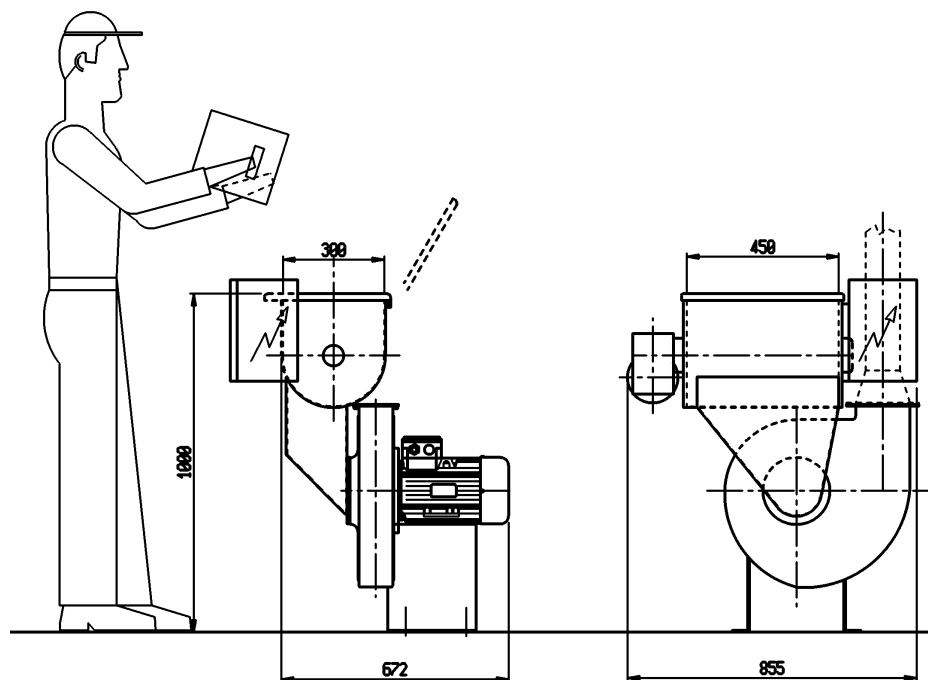
### Technical characteristics:

- May also be used as a continuous scarp return
- Direct Feed to the Chopper/Blower
- Ideal for small pieces of scrap
- Recommended us for a single Extruder or Mixer

# TRIM RETURN SYSTEM "REC"

**EASY REC Series:**

- **EASY REC C/ALL**



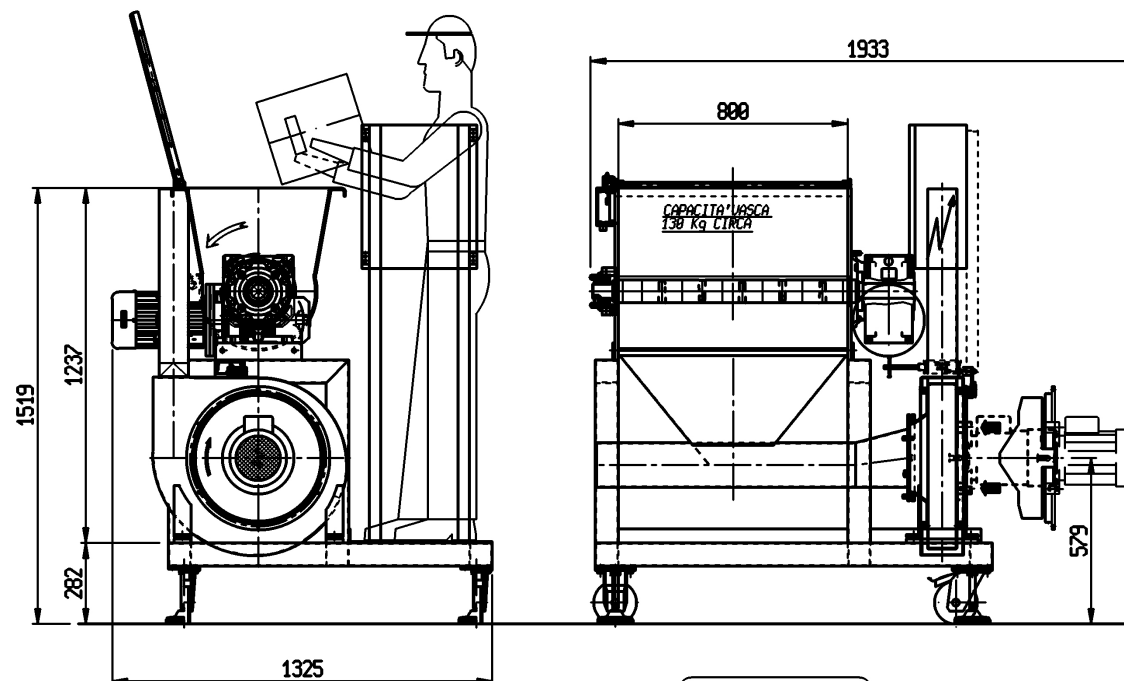
## **Technical Characteristics:**

- 30 Lt ( 70 lbs) Hopper with direct feed to the Chopper/ Blower;
- Ideal for medium size trim
- Recommended us for a single Extruder or Mixer

# TRIM RETURN SYSTEM "REC"

## REC 500 Series:

- REC 500 C/ALL
- REC 500 C/A/I



VERSIONI
REC 500 C/ALL
REC 500 C/I
REC 500 C/A/I

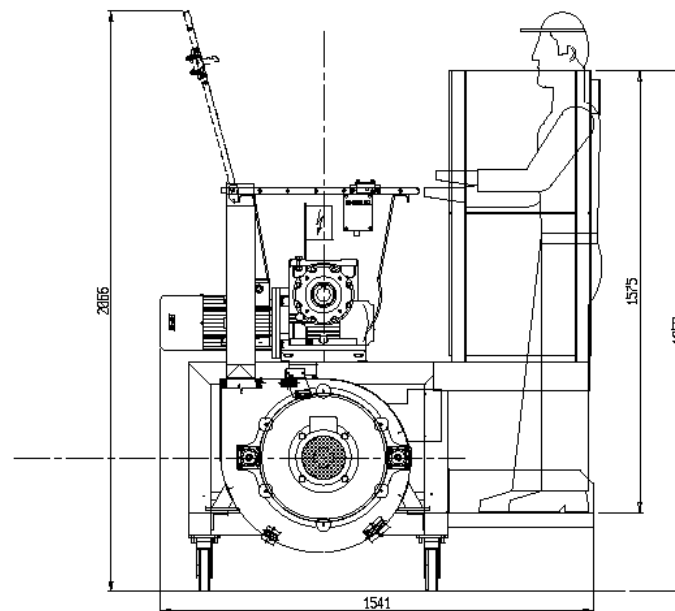
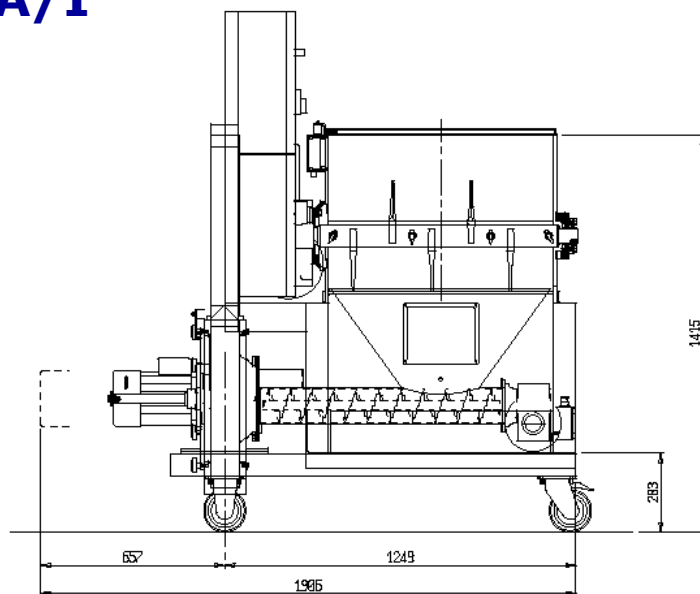
### Technical characteristics:

- 130 Lt (280 lbs) Hopper with direct feed to Chopper/Blower
- Ideal for large pieces of trim
- Recommended us for a single Extruder or Mixer

# TRIM RETURN SYSTEM "REC"

## REC 1001 Series

- REC 1001 C/ALL
- REC 1001 C/A/I

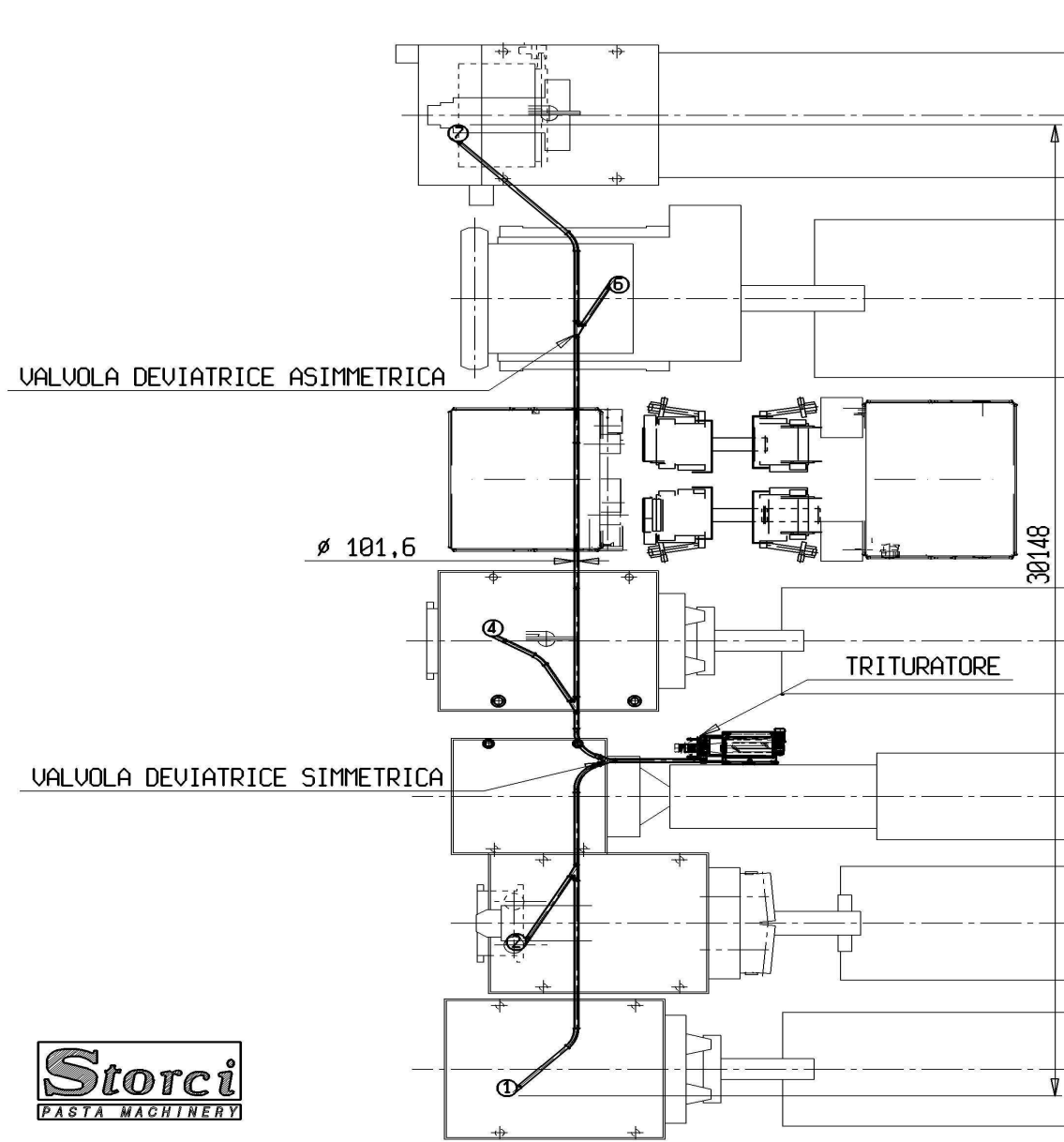


### Technical characteristics

- 130 Lt (280 lbs) Hopper with controlled auger feeder to the Chopper/Blower
- Ideal For large size Trim pieces
- Controlled by a PLC this system allows the consistent feed of 2 or more production lines. The capacity of the trim is volumetrically programmed to prevent the variation inconsistency of the dough being produced

# TRIM RETURN SYSTEM "REC"

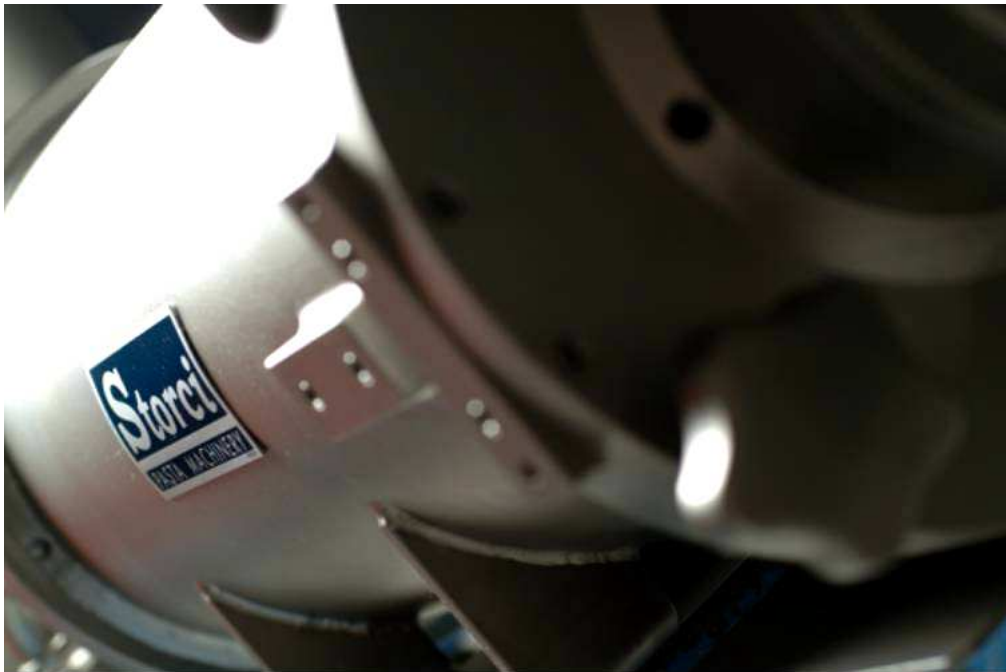
Typical layout of a REC 1001 with an automatic feed system to 5 Extruders.



## TRIM RETURN SYSTEM “REC”

### **OPTIONS AND ACCESSORIES FOR REC:**

- Pipe Kits, Clamps, elbows, wide sweep curves, and cyclone hoppers;
- Diversion valves manual and automatic for multiple feed options;
- Inverter for Chopper hopper for EASY Model (included for models REC 500 &1001);
- Product level photocell with relative alarms for low level product (Not available on BASIC Model);
- Nickel Plated Blower/ Chopper Housing for C/ALL Models.



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