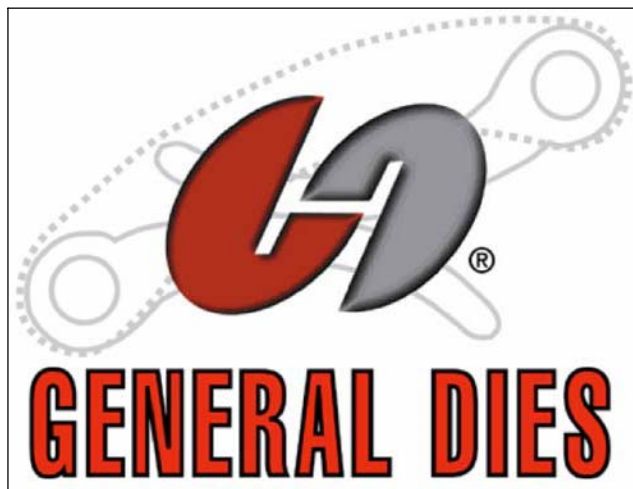


# COMPOST PROCESSING AND PELLETING



**MACHINES, EQUIPMENT, SPARE  
AND WEAR PARTS FOR  
PELLET LINES**

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# COMPOST PROCESSING AND PELLETING

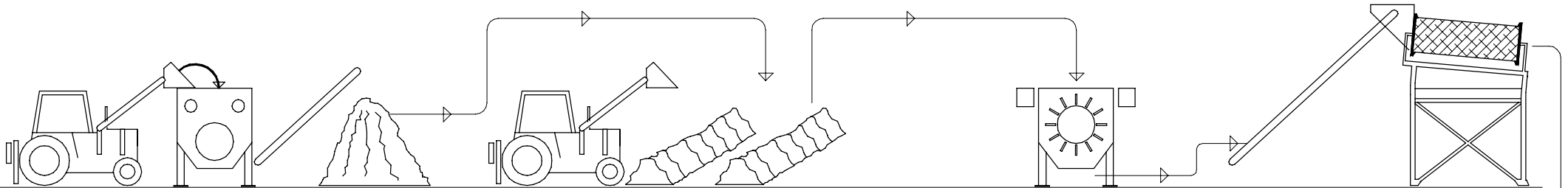
The connection between the different stages are carried out by means of horizontal or vertical carriages such as screws, belts, bucket-elevators, etc.

STAGE A FIRST SCREENING

STAGE B COMPOSTING

STAGE C DECRUMBLER

STAGE D REFINER

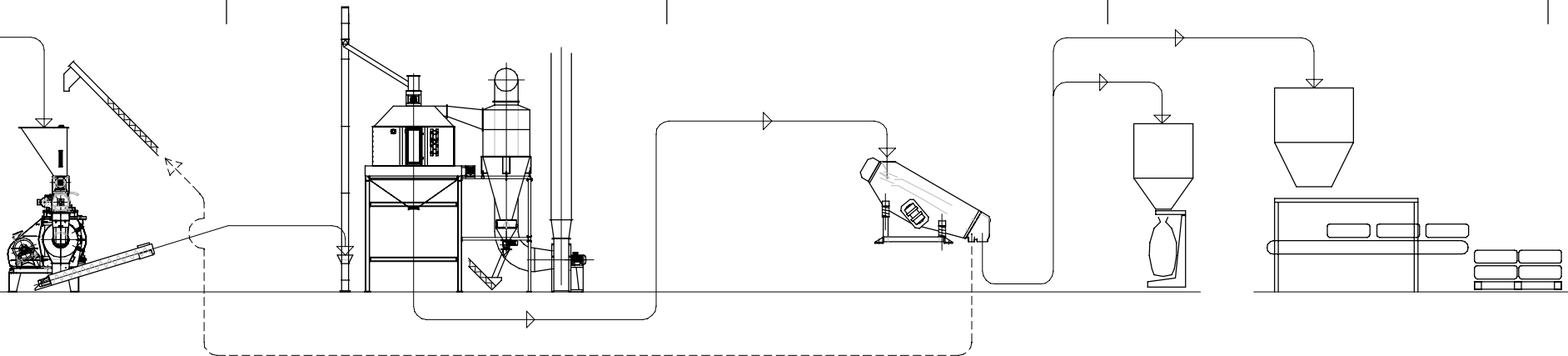


STAGE E PELLETING

STAGE F COOLING

STAGE G SIEVING

STAGE H SACKING



## STAGE

A

## FIRST SCREENING

### DESCRIPTION :

A first screening cleans the product from foreign matters as rocks, metallic or wood parts, feathers etc...

The machine could be a drum or belt machine.



## STAGE

B

## COMPOSTING

### DESCRIPTION :

The product is positioned on mounds outdoor, and is periodically moved to obtain the correct drying, sterilizing and fermentation process.



## STAGE

C

## DECRUMBLER

### DESCRIPTION :

A self propelled crumbling machine, positioned it in the proximities of the product composting area and moved afterwards close to the plant charging hopper, is used to broke the crumbles and mix the product.



## STAGE

D

## REFINING

### DESCRIPTION :

The products passes through the holes of screen of a drum sieve and comes out with the required granulometry and cleaned from any foreign matters.



## STAGE

E

## PELLETING

### DESCRIPTION :

The product is homogenized in a conditioner where steam, molasses, fat or other liquid can be added to the product before it enters the hole of the pellet-mill. die, pressed by the rolls.

On the outlet of the holes some knives cut the pellets at the desired length.



## STAGE

F

## COOLING

### DESCRIPTION :

After pelleting the product is very hot and a counterflow cooler cools it, to app +5°C above the environmental temperature, in order give it the right hardness and the better consistence to store and handle it.



## STAGE

G

## SIEVING

### DESCRIPTION :

A sieve removes the fines from the pellet and a screw or pneumatic conveyor collect these fines and send them back to the pellet-mill.



## STAGE

H

## SACKING

### DESCRIPTION :

The pelletized product is conveyed to the silo for stocking before delivery. It can be delivered in bulk, loaded on trucks and weighed through a weigh lorry or in bags.

A manual or automatic weighing-sacking system and an eventual palletizer are used for bagging the product.

