

# Extrusion Department

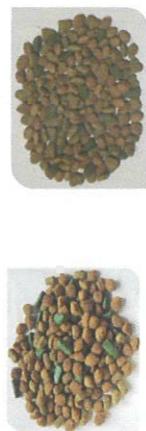
## ► CURRENT ACTIVITY:

✓ PVD production: kibbles for rats and dogs



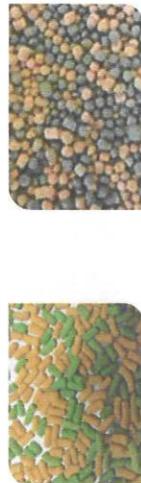
Capacity:  
800Kg/h mach

## KIBBLES for RODENTS



Capacity:  
650 Kg/h

✓ EXTRUDED PELLETS for birds, small mammals, fish and turtles as complementary food



Capacity:  
400 Kg/h

Capacity:  
60 Kg/h  
Big 8000 pcs/h  
Small 12000 pcs/h



✓ EXTRUDED CORE for all edible sticks for rodent

**Bob Martin**  
SINCE 1892

# Extrusion Department

➤ CURRENT PROCESS

Pellet production

✓ MEALS PREPARATION PHASE (dosing pmax vit./min)

✓ OILS PREPARATION PHASE

Colors preparation

Mixing phase with water

Spill of the mix water +  
colors from a tank to the  
extrusion

✓ EXTRUSION PHASE

✓ DRYING AND COOLING PROCESS

✓ TRANSPORT ON BELT

✓ UNLOAD IN BIG BAG

Unload in silos

Grinding process for  
vitaminized pellet



# Extrusion Department

➤ CURRENT PROCESS

ALL EDIBLE STICKS/CORE  
production

✓ MEALS PREPARATION PHASE → dosing pmx vit./min and meals  
mixing phase

Unload seeds mix in  
extrusion

✓ EXTRUSION PHASE

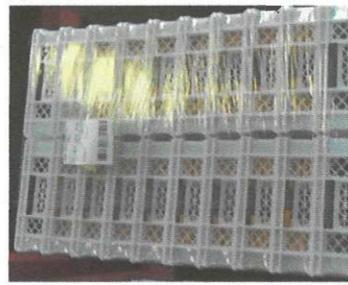
✓ COOLING PROCESS

✓ CUTTING PHASE

✓ DRYING PROCESS

✓ COOLING PROCESS

✓ MANUAL FILLING IN STORAGE TANKS



# Extrusion Department

## ► CURRENT PROCESS

- ✓ MEALS PREPARATION PHASE -> dosing pmx vit./min
- ✓ LIQUID PHASE PREPARATION
- ✓ EXTRUSION PHASE
- ✓ DRYING PROCESS
- ✓ TUMBLER
- ✓ COOLING PROCESS
- ✓ TRANSPORT ON BELT
- ✓ UNLOAD IN BIG BAG

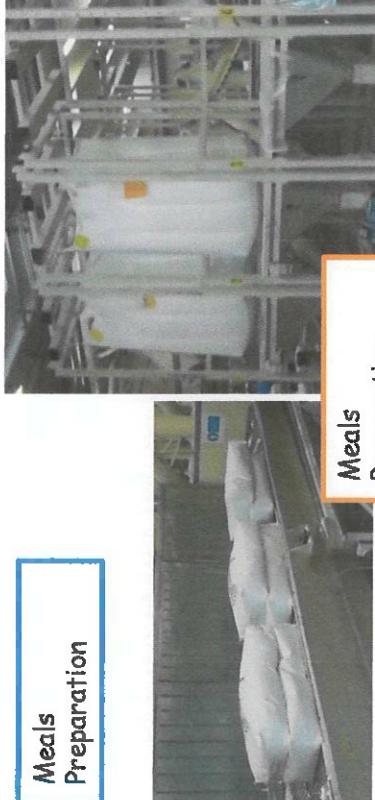
PVD/KIBBLES for rodents  
production



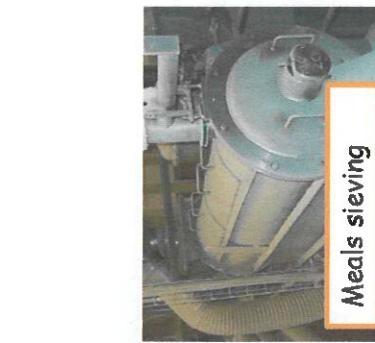
# Extrusion Department

## ► CURRENT PROCESS

Meals Preparation



Meals Preparation



Meals sieving



Mixer PMX



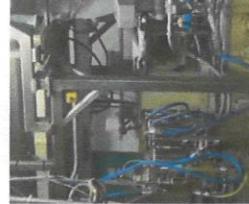
Berga Mixing



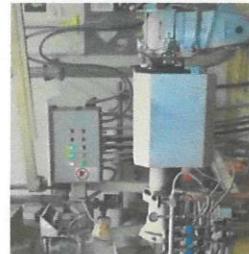
Extrusion Process



Colors and additives preparation; liquid preparation



Extruder



Water for coextruded



Togum



# Extrusion Department

► CURRENT PROCESS

Drying Process



Commissa 2



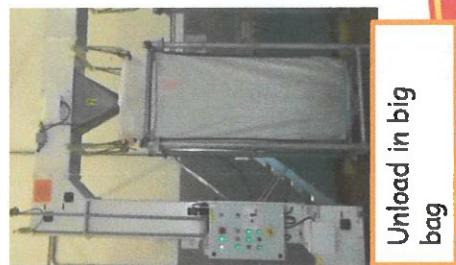
Oils tank



Tumbler



Cooler



Unload in big  
bag



Vibrating sieve

**Bob Martin**  
SINCE 1892

# Extrusion Department

➤ TO PRODUCE KIBBLES WITH DIFFERENT SHAPES -> we could use our dies:



**Bob Martin**  
SINCE 1892

# Large Bag Packing dpt

SHIFT  
1-2 shift (8-7,5h)

► CURRENT PROCESS

## Doboy line



- Loading kibbles and bags



- Filling bags with kibbles and bags closing



- Palletizing



# Large Bag Packing dpt

## ► Future Options:

- *Packing dry food for rodents in bags in Doboy lines*

Type	Fut Opt	Recipe	ZPCK	Different categories	Other
Invest			X	X	



- *Packing food for horses in bags in Doboy lines*

