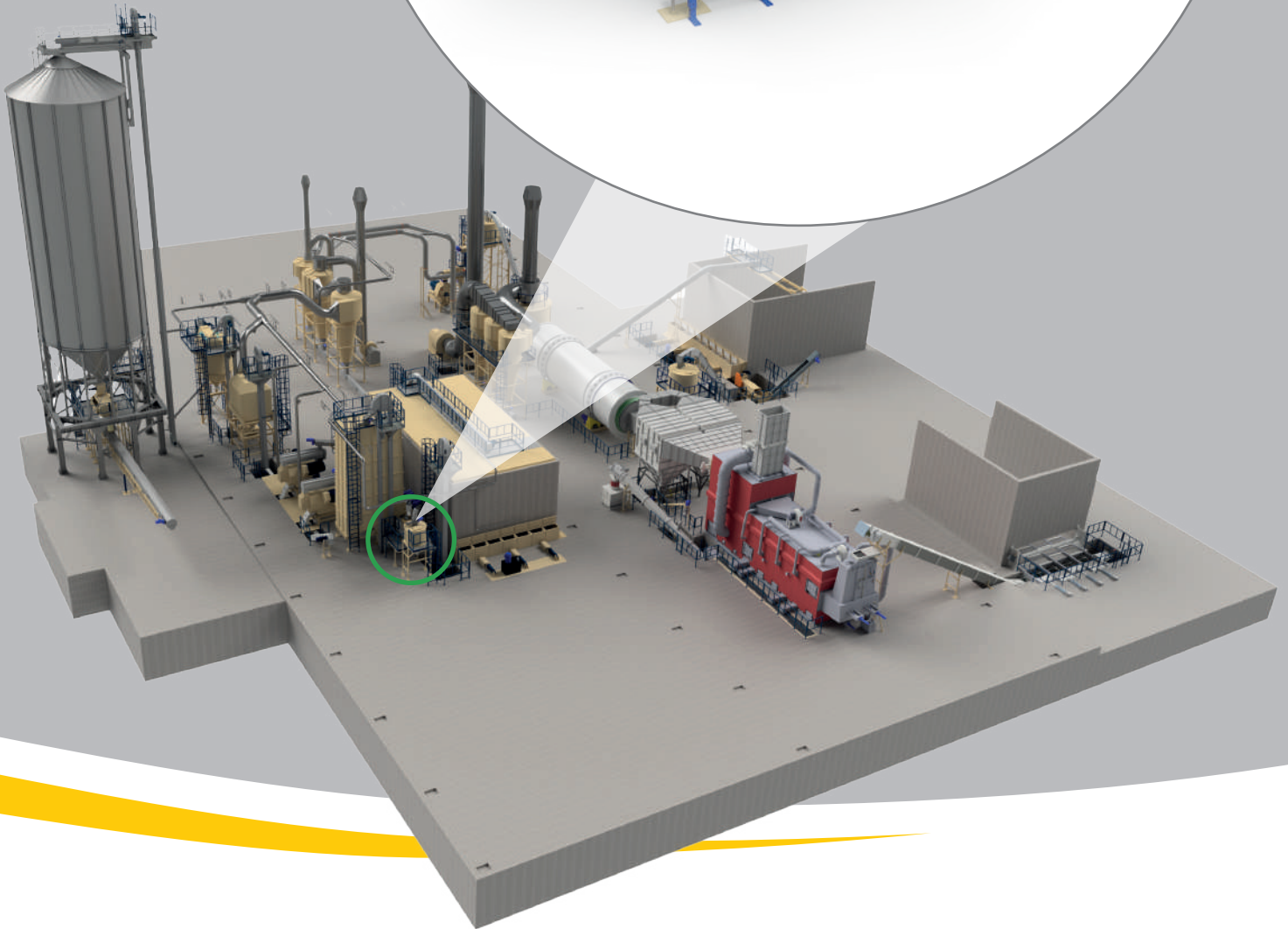


**System
of final material
preparation
for pelletizing
- UPMdG**



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System of final material preparation for pelletizing - UPMdG

The purpose of system of final material preparation for pelletizing is to stabilize material humidity at the level of $\pm 0,5\%$ and to add binder (additional component) in order to improve pellet parameters. Stable humidity and adding necessary amount of additional component (e.g. corn starch) have positive influence on obtaining and maintaining high quality parameters of final product, such as: heat of combustion, hardness, durability, ash content after combustion and ash content in pellets.

Proper humidity and its maintenance at required level significantly facilitate pellet formation, enable to obtain high quality and homogeneous pellets.



System of final material preparation for pelletizing consists of following devices:

- measuring screw conveyor for measuring humidity of material
- buffer tank of system of final material preparation for pelletizing
- screw conveyor for feeding material into conditioner
- conditioner for mixing material with water and additional component
- additive dosing bin
- automatic stabilization and humidity measurement system with accurate water dosing system and water pump
- bucket conveyor for feeding material into pellet mill buffer tank
- steel constructions, platforms, railings and ladders

Automatic stabilization and humidity measurement system with accurate water dosing system and water pump includes

Humidity sensors	2 pcs.
Amount of water supply control sensor	1 pc.
Accurate water dosing system	1 pc.
Water pump	1 pc.
Power	0,25 kW
Manufacturer	Comerc®

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