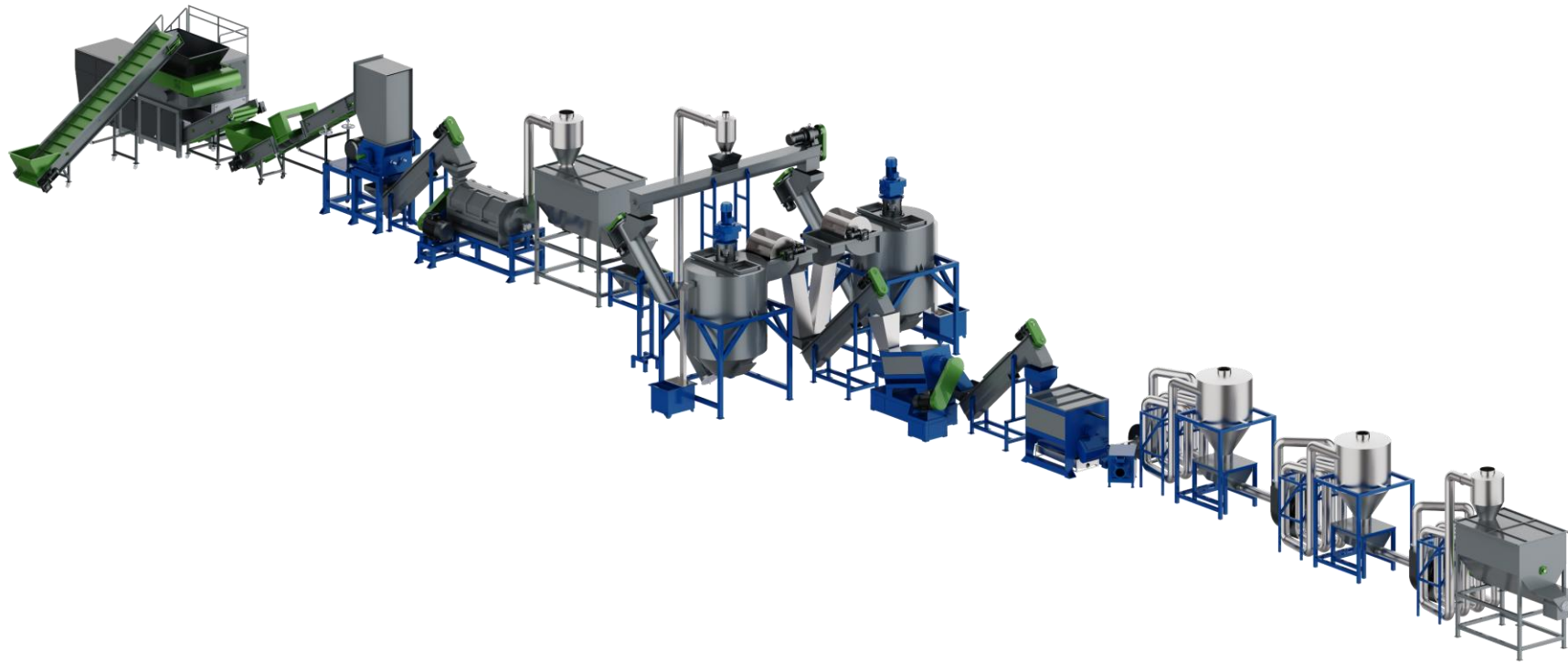


# PP Film Washing Line

- **Customer Request:**
- They have clean film waste not 100% PP (clean means no ink or something) in form of flakes ,cast (rigid high micron ) and some other waste in form of trim and slitted rolls and with hot water washing method.
- Output required:250-300kg/hr

# Layout of PP film washing line



# Shredding + Crushing

Waste PP cast film and waste slitted roll we need shredder and granulator to convert into small flakes around 5-8mm size.



# Film Storage

After crushing they need small silo to store capacity around 20-25 m<sup>3</sup>

From silo to hot water tank, they need conveying system with accurate batch means controlling the fluff exact amount to go in the hot water tank and some sensor to stop conveying up to first batch finished cleaning



# Hot washing

The system need two hot water tanks for continuous operation equipped with timer and temp control system (flexible not limited)

The temperature is suggested to 80 degree for deep wash.

Time control for long stay in tank like 30 mins to 1 hour.



# Deep drying

After hot water tank they need dryer to remove water and moisture (less than 500-800 PPM)

Here is suggested to put hot air-drying system in 3 times to get the moisture dry.

