

MATERIALS:

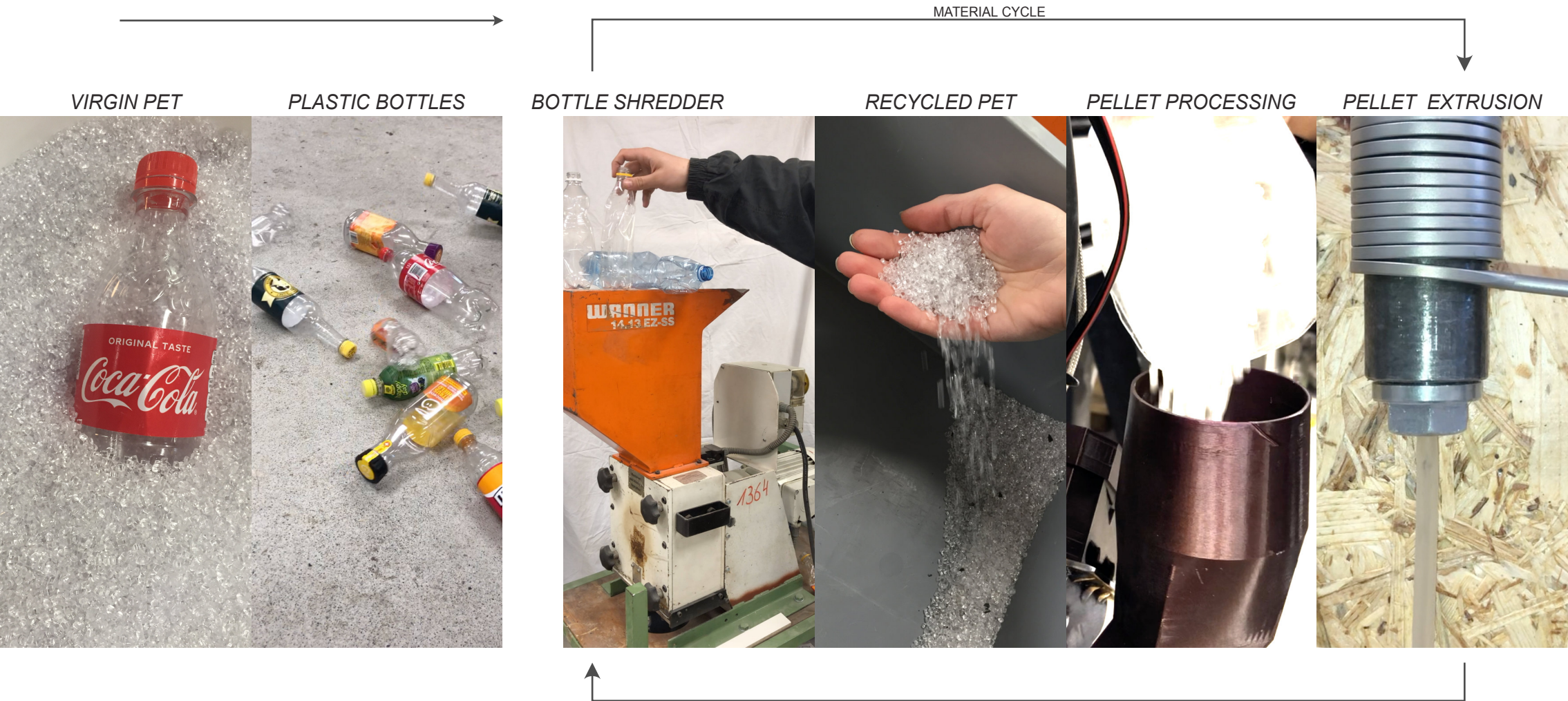
ALL KIND OF PLASTIC: MAX. TEMP AT 300°C DUE TO COOLING DEVICE

PLA (5KG/H) USING 2 COIL HEATER , PETG (4KG/H) USING 3 COIL HEATER

NOTES:
ABRASIVE MATERIALS REDUCE THE SERVICE LIFE OF THE EXTRUSION SCREW. THERMOPLASTIC MATERIALS THAT CAN BE USED: ABS, PLA, PA 12, PA 6, TPE, VARIOUS COMPOUNDS, ETC.

COMPRESSION SCREW DETAILS

THREE-ZONE EXTRUDER SCREW
SPECIFICATIONS:
- 1.2MM NITRIDED/HARDENED AND POLISHED
EXTRUDER SCREW
- 20MM NOMINAL DIAMETER
- 370MM TOTAL LENGTH
- 270MM EFFECTIVE WORKING LENGTH
(Z1: 100MM FEED ZONE; Z2: 150MM COMPRESSION
ZONE; Z3: 20MM PRESSURE/DISPENSING ZONE)
*****the heating elements have a maximum temperature of
650°C. You have to take into account that the hardening of the
extrusion screw, only lasts up to 350°C. If you go above that,
you may destroy the screw.



special thanks to:

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