



3D FILAMENT  
**EXTRUSION LINE**

# 3D FILAMENT EXTRUSION LINE - HIGH SPEED LINE

Designed to produce high quality, close tolerance, void free 3D printer filament

**Products:** 1.7mm diameter (+/-0.001 in.)  
ABS & PLA materials (other available)  
400 to 600 ft./min.

## dX50 Mobile Dryer

with wheel drying technology



- 6 cu.ft. hopper including loading for drying hopper and extruder
- PLC control with color touchscreen

## 2 in. Extruder (24:1)

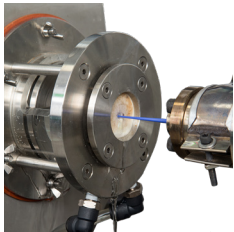
with microprocessor touch screen control, drive & screw



- All components are premounted and prewired

## Tooling Package

for two product diameters



- Rod die
- Tank preskinner
- Including extruder die adapter & heaters

## HTMP-18-4 Vacuum Sizing Tank

with water air separation for accurate stable vacuum



- 3 plane adjustment for easy alignment
- Vacuum & recirculation systems with heating
- PAVC+ touchscreen control
- Servo wheel drive
- Split design air wipe

## Diameter Measuring System

with feedback loop to the vacuum tank to maintain the product diameter



- Tri plane laser with mounting at the entrance to the puller
- Touchscreen controls mounted at the tank for easy operator access

## EP1A-03 Portable Chiller



- 3 Ton Air-cooled
- Auto water makeup with controls

## 4-26 Belt Puller

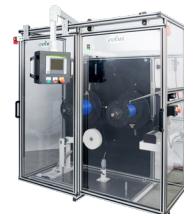
precision puller for better product control



- 4 in. x 26 in. traction belts
- Product guides
- Touchscreen HMI
- Full belt safety enclosure
- Servo drive

## ATC-24

automatic tubing coiler



- Touchscreen HMI
- Dual reels with traverse
- Ultrasonic bobbin loop control
- Servo spool drives, turret & traverse

Project Engineering, System Testing at the Conair Technical Center to ensure all components are producing acceptable product prior to shipment as well as the preliminary customer training followed by startup at the customer facility with additional training.

**Price:** \$528,235

**Lead Time:** TBA

**Terms & Conditions:** To be advised

# 3D FILAMENT EXTRUSION LINE - LOW SPEED LINE

Designed to produce high quality, close tolerance, void free 3D printer filament

**Products:** 1.7mm diameter (+/-0.001 in.)  
ABS & PLA materials (other available)  
200 ft./min.

## dX50 Mobile Dryer

with wheel drying technology



- 6 cu.ft. hopper including loading for drying hopper and extruder
- PLC control with color touchscreen

## 1.5 in. Extruder (24:1)

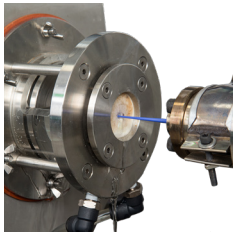
with microprocessor touch screen control, drive & screw



- All components are premounted and prewired

## Tooling Package

for two product diameters



- Rod die
- Tank preskinner
- Including extruder die adapter & heaters

## MT 104-16-4 Vacuum Sizing Tank

with water air separation for accurate stable vacuum



- 3 plane adjustment for easy alignment
- Vacuum & recirculation systems with heating
- PAVC+ touchscreen control
- Split design air wipe

## Diameter Measuring System

with feedback loop to the vacuum tank to maintain the product diameter



- Tri plane laser with mounting at the entrance to the puller
- Touchscreen controls mounted at the tank for easy operator access

## EP1A-03 Portable Chiller



- 3 Ton Air-cooled
- Auto water makeup with controls

## 3-20 Belt Puller

precision puller for better product control



- 3 in. x 20 in. traction belts
- Product guides
- Touchscreen HMI
- Full belt safety enclosure
- Servo drive

## MTC-24

manual tubing coiler



- Dual reels with traverse
- Ultrasonic bobbin loop control
- AC spool drives and mechanical traverse

Project Engineering, System Testing at the Conair Technical Center to ensure all components are producing acceptable product prior to shipment as well as the preliminary customer training followed by startup at the customer facility with additional training.

**Price:** \$346,412

**Lead Time:** TBA

**Terms & Conditions:** To be advised



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