



# Fortus<sup>®</sup> FDC



## What is the Fortus FDC?

The Fortus FDC™ is a supplemental material delivery cabinet that pairs with the F900® FDM® printer. It accommodates two 250 cubic inch spools of material, adding substantial material capacity to the printer.

Additionally, the Fortus FDC provides material drying capability to ensure the filament is at an optimal dryness level before printing. This greatly reduces the risk of poor print quality due to moisture-related defects, and enhances yield by reducing scrap.

## Key Attributes

### Two Model Material Bays

- Accommodates Xtend™ 250 Fortus Plus spools for a total of 500 cubic inches of material (172% additional capacity)
- Reduced frequency of material changeovers
- Nearly 3X additional material capacity
- Up to 2.7X longer unattended run time, reducing reload pauses and expended labor

### Effective Drying Solution

- Combination of heat and dry air
- Dries the filament from saturation to 0.01% in approximately 12-18 hours
- Eliminates failed prints caused by wet filament

### Touchscreen UI Controller

- Provides dewpoint and temperature readout
- Offers selectable drying profiles for materials and conditions

### Compact Footprint

- Uses minimal floor space and is within the site prep spacing for the F900
- Supported on swivel casters for easy maneuverability

### Printer Compatibility

- F900
- Fortus 900mc™ Plus
- Fortus® 450mc – Gen III

## Material Compatibility

Two materials are currently compatible with the Fortus FDC:

- ULTEM™ 9085 resin (black and natural)
- FDM® Nylon 12C

## Specifications

Description	Feature
Spool Material Volume	250 ci (4100 cc)
Full Spool Weight (material dependent)	< 20 lbs (9 kg)
Power Requirements	10 amp, 230 volt, 1 phase (50 Hz or 60 Hz)
Compressed Air Requirements	80-120 psi and 7 cfm (non-lubricated, non-condensing)
Cabinet Footprint	29 in. x 29 in. (74 cm x 74 cm)
Weight	474lb (215 kg)
Compliance	CE and TÜV
Service	Stratasys
Warranty	1 year