

# TRACTUS3D

A PROUD DUTCH COMPANY

HEART  
SOUL  
&  
DUTCH  
PERFECTION

Inside every 3D Printer



# T3500SE

## SPECIFICATIONS

LARGE VOLUME SE SERIES

# T3500SE

## SPECIFICATIONS

TRACTUS3D

### Machine properties

Printing technology	Fused filament fabrication (FFF) - Fused deposition modeling (FDM)
Build width	1000 mm diameter (39.4")
Build height	2200 mm (86.6")
Speed	up to 600 mm/s
XYZ resolution	20, 20, 50 micron
Layer resolution	0.4 mm nozzle: 300 - 50 micron 0.6 mm nozzle: 400 - 50 micron 0.8 mm nozzle: 600 - 50 micron 1.0 mm nozzle: 800 - 50 micron 1.2 mm nozzle: 1000 - 50 micron 1.4 mm nozzle: 1200 - 50 micron 1.8 mm nozzle: 1400 - 50 micron
Operating sound	+/- 32dBA
Power rating max.	2750 W
Connectivity	LAN + WIFI
Display	7" tablet and option for an additional 15" color touchscreen (397mm)
Language support	English, Dutch, French, German, and many more
Monitoring	Nozzle camera and Web interface

### Physical dimensions

Dimensions	1350 mm x 1600 mm x 3550 mm
Net weight	375 kg
Shipping weight	850 kg
Shipping box dimensions	1800 mm x 1800 mm x 4200 mm

### Build plate

Build plate material	Heated glass build plate
Build plate temperature	up to 110 °C (230 °F)
Build plate levelling	Automatic bed levelling with probe unit
Build plate heat up time	< 7 min from 20 to 60 °C (68 - 140 °F)

### Print head

Feeder type	Direct Drive Dual Gear (ready for composite materials)
Nozzle diameter	0.4mm, 0.6 mm, 0.8 mm, 1.0 mm, 1.2 mm, 1.4 mm, 1.8mm
Nozzle temperature	up to 500 °C (932 °F)
Nozzle heat up time	< 90 sec
Max. extrusion volume	up to 135 mm <sup>3</sup> /s

### Ambient conditions

Operating ambient temperature	15 - 35 °C (59 - 95 °F), 10 - 90% RH non-condensing
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### Materials

Supported materials	PLA, PR01, PET-G, ABS, ASA, Facilan C8, TPU/TPE, Nylon, PC, Fillers like woodfill
Filament diameter	1.75 mm

### Software

Supplied software	Simplify3D with 1 license (usage on 2 computers)
Supported OS	MacOS, Windows and Linux
File types	STL, OBJ, 3MF, JPG, PNG
Printable formats	G, GCODE

### Service and support

Warranty period	12 months
Technical support	Support from Tractus3D support team or certified service partners or resellers
SLA (included)	Free cleaning of printheads (excluding shipping costs), discount on filaments, 50% discount on new upgrades.

LARGE VOLUME SE SERIES

**T3500SE**  
Max. printing size

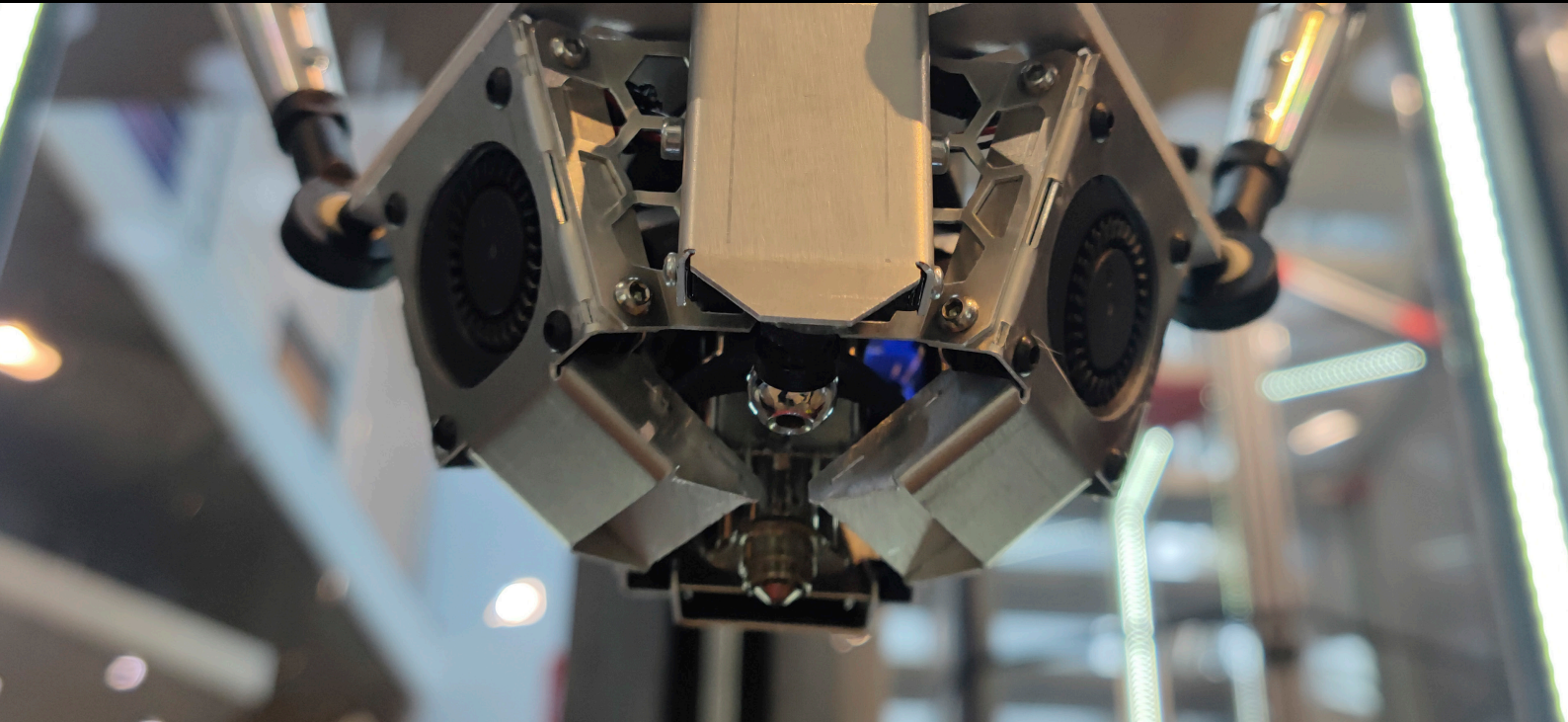
**1000mm (39.4")**  
Diameter

**2200mm (86.6")**  
Height



## CONTACT

Please never hesitate to reach out to us.



Company name  
Year of establishment

Tractus3D  
2015

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**TRACTUS3D**