# bigrep PRO

1 M³ INDUSTRIAL 3D PRINTER

The BigRep PRO is built to take you from prototyping to production, allowing you to **iterate fast, produce faster, and go to market faster.** The PRO's large build volume allows you to print big parts or batches of smaller parts, providing you with an agile manufacturing solution to produce functional prototypes, factory tooling, patterns and molds, and end-use parts faster and cheaper.
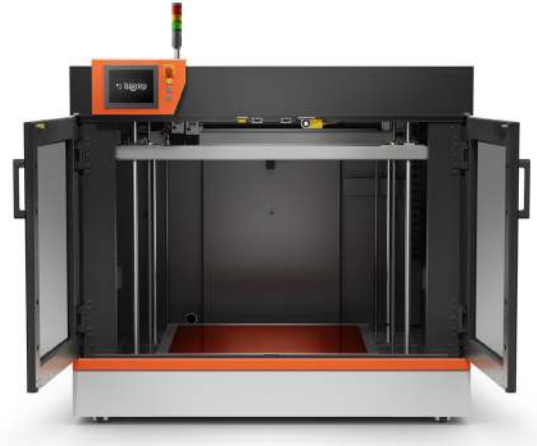
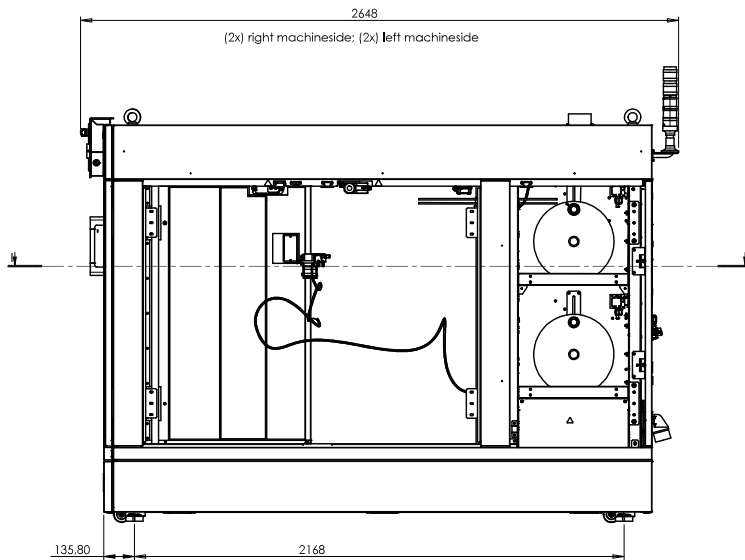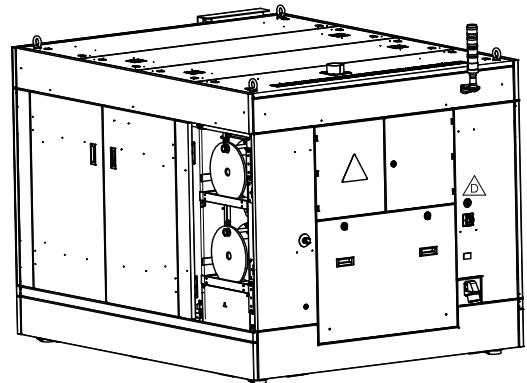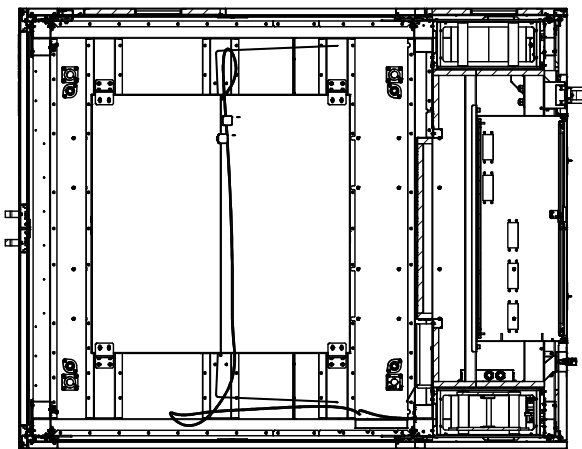| PRINTER PROPERTIES	Build Volume	x 945 y 970 z 985 mm (x 37 y 38 z 39 inches)
	Nozzle Diameter	0.6 mm, 1.0 mm
	Layer Height	0.3 mm, 0.6 mm
	Achievable Part Accuracy	±0.2mm or ±0.002mm/mm (whichever is greater)*
	Max Extruder Throughput with 1 mm Nozzle	130 g/h
	System Size	x 1950 y 2500 z 2105 mm (with tower)
	System Weight	1550 kg
	Material Storage	2x sealed keep dry filament chambers supporting up to 8 kg spools each
	Slicing Software	BigRep BLADE
	Operating System	Windows based
	Network Communication	USB, LAN
	Power	EU 3 Phase 400V AC, N, PE Power consumption 6100W
	Certification	CE, EC Machinery Directive 2006/42/EC Compliant
MATERIALS (Bigrep Certified and third party compatible)	Bio-plastics	PRO-HT, PETG
	Engineering Grade	ASA, PA6/66
	Fiber Reinforced	HI-TEMP CF
	Support	Water Soluble (BVOH)

* accuracy depends on part geometry and material used

bigrep PRO

Side view without doors

2648

(2x) right machineside; (2x) left machineside

135,80   2168

Front view without doors

1753   2012

115

125

(4x) on each side of the Printbed

1696

1946

Top view