

3D CONSTRUCTION PRINTERS

AMT S-300

The S-300 printer is a large-format portal COP-printer with enhanced performance for printing elements of buildings, structures on foundations with an area of 120 sq m and a height up to 5.4 m.

Characteristics: Printer S-300 in the base assembly is equipped with electric lifts 6 meters high, which allows you to build a 2-storey building and is equipped with an arm with a propulsive print head for faster printing (up to 25 sq.m./hour).

The printer is expanded to include a high pressure washer and a **synchronized** concrete mixes' supplier station (specially designed for S-300 / S-500 printers). The basic configuration is complete: the printer includes a control computer with preinstalled licensed software. The printer S-300 prints basic construction mixes on the cement series 400-500, it is also possible to use mixes with mineral additives.



AMT LLC. Russia. The equipment is certified in the territory of Eurounion (CE) and the Customs Union (declaration of Conformity of the Customs Union). Serial production. Custom tariff number TC 8479100000.

Producer

Motor type	Stepper motors with planetary gearboxes
Printing speed, cubic meters/hour	2,5 (25 sq.m./hour)
Operating field, mm	11500x11000x5400
Speed/positioning precision	12m/min / 2 mm
Working power, kW	12
Printing layer, mm	10-30 x 40-80 (height/width)
Concrete expenditure for 1 m ² of the wall at 2-layers printing	0,12 – 0,25 m ³
Period of the guarantee / Operational life	12 months / 60 000 working hours