



ADDITIVE MANUFACTURING

You need it, we make it!

Metal & polymer part 3D printing for railway applications to support you with lead-time & obsolescence challenges.

After years of successful achievements in Freight, Wabtec, a leading supplier of the railway industry, introduces its **3D printing capabilities for Transit applications**.

With the latest fleets of 3D printing machines (including fire & smoke capabilities) and more than 40,000 parts already in service, Wabtec offers a full and comprehensive range

of services specifically designed for railway Wabtec & non-Wabtec parts.

By combining expertise on railway equipment manufacturing & 3D printing, Wabtec can offer you the best-in-class service during all the steps of the process from **design** to **logistic** & **support** all around the world.



A full services offer



Wabtec can support you at any steps of your needs and offer you a customized solution.

Support for Proof of Worldwide validation & Field Design Just-in-time[\] concept 3D printing warranty certification consultancy logistic Services execution support steps

- Optimize part/tool designs
- Provide support to define the best AM geometry
- Realize a part/tool according to railway norms in AM
- Full support from design phase to final certification according to railway norms
- Wabtec & non-Wabtec parts
- More than 15 printers available
- Delivery of the part where you need it
- Support during 3D part installation in its environment or / & commission the integration of the part

Production capabilities

METALS	Maximum dimensions
SS316L	500 x 280 x 850mm 19,7 x 11 x 33,5 inch
IN718	245 x 245 x 360 mm 9,6 x 9,6 x 14,2 inch
AlSi10Mg	500 x 280 x 850mm 19,7 x 11 x 33,5 inch

POLYMERS	Maximum dimensions
Nylon	380 x 284 x 380mm 14,9 x 11,2 x 14,9 inch
Flexible	1000x1000x1000mm 39,4 x 39,4 x 39,4 inch
Fire & Smoke (HL3 R1 EN 45545-2)	300x300x630mm 11,8 x 11,8 x 14,2 inch
High Strength	1000x1000x1000mm 39,4 x 39,4 x 39,4 inch









Brake panel

For more information, please connect to:

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