



ZYYX Pro



ZYYX Pro II

ZYYX 24h

The 24h Prototype Cycle™

Composite Prototyping at the Desktop



The Problem

- Prototype production is still slow
No big revolutions, as for agile software in recent years
- Some companies have implemented 3D printers
Need to be kept in separate room due to noise and fumes
- 3D printed prototypes are too weak for functional testing
Metal printer costs ~€200k, and ...
... comes with workplace hazards



The Idea – The 24h Prototype Cycle™

- Sketch and model the prototype in the afternoon
- Print the prototype during the night
- Test and verify the prototype before lunch



The Insight

The 3D printer for **The 24h Prototype Cycle™** must be:

- Personal
Like the PC for CAD
- Present at the engineer's desktop
Necessary to be safe, quiet, and fume free
- Reliable



The Solution

A desktop 3D printer for every engineer

- OfficeSafe Ultra™
Closed for silent use
With air filter to remove fumes and particles
- Able to print in engineering grade materials
Carbon fiber composites – Almost the strength of Aluminum
- Reasonable cost – same as CAD tool = OK
< €5000



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