A M S

Automation & Manufacturing Services

AMS Robomould®

AMS RoboMould (the first robotized rotational moulding system in the world)

Pat. EPC13773338.0 and PCT/IB2013/053414 and US2015/0118341




Robomould a fully scalable system towards FMS

- A safe machine, **CE** labelled, a complete **system**
- **Unmanned high quality** production in a **traceable** process
- **No stock** needed of finished goods so production piece by piece
- **New materials** ... New **products** ... New **developments** ongoing

AND

- Less space needed, less energy, shorter cycle time, easy to transport and to install (setup in 1 day)

A revolution in rotational moulding

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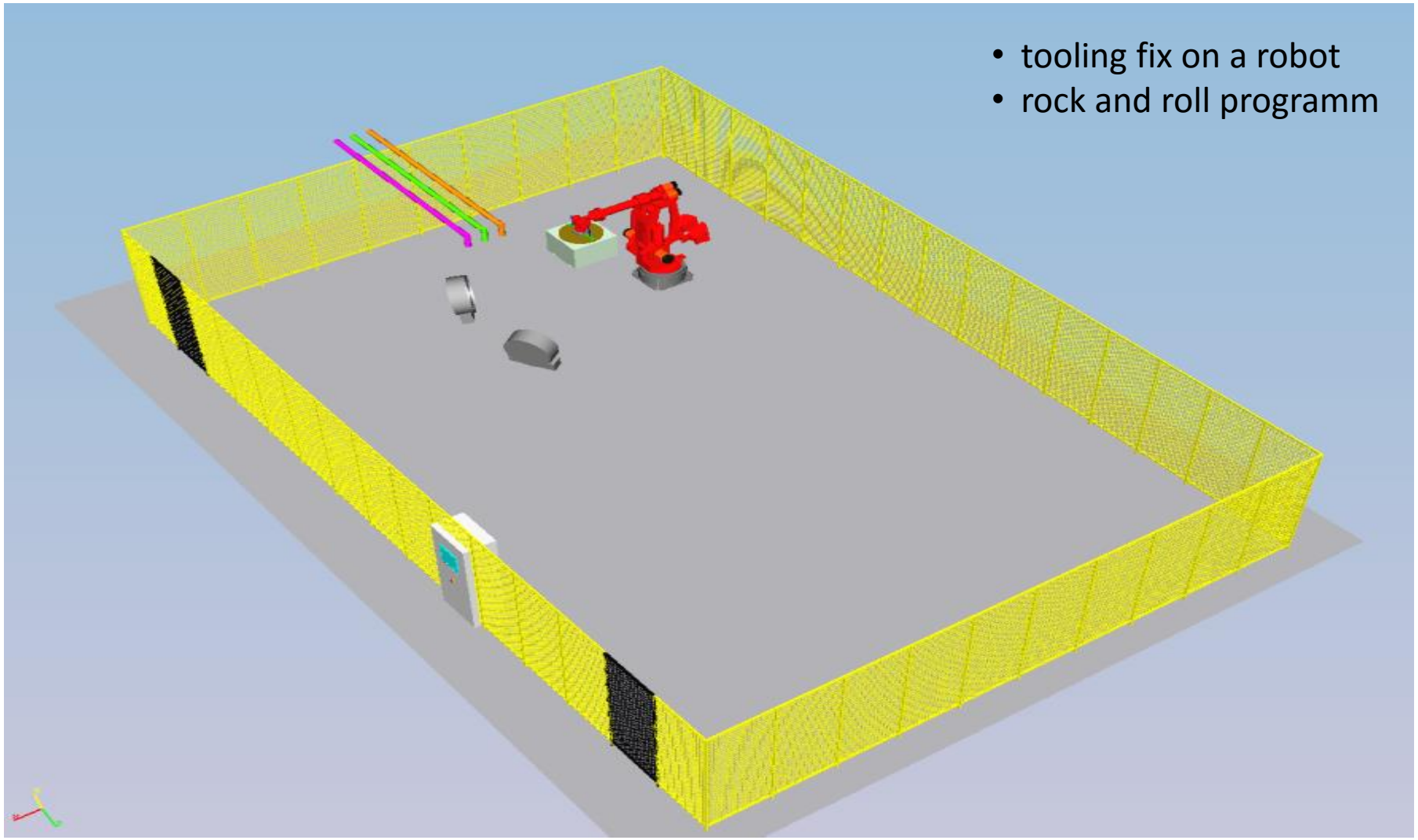
Fully scalable system to complete FMS



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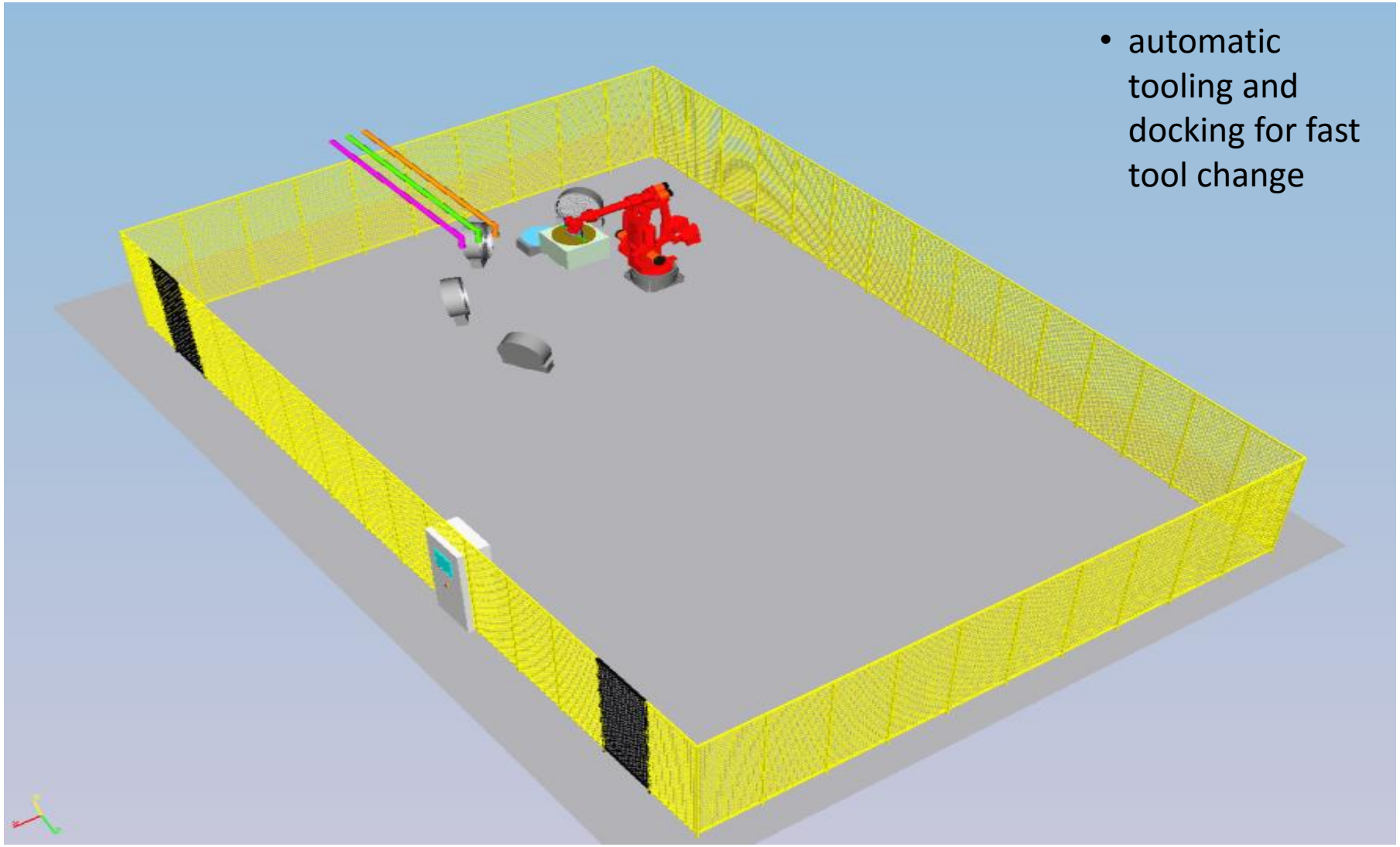

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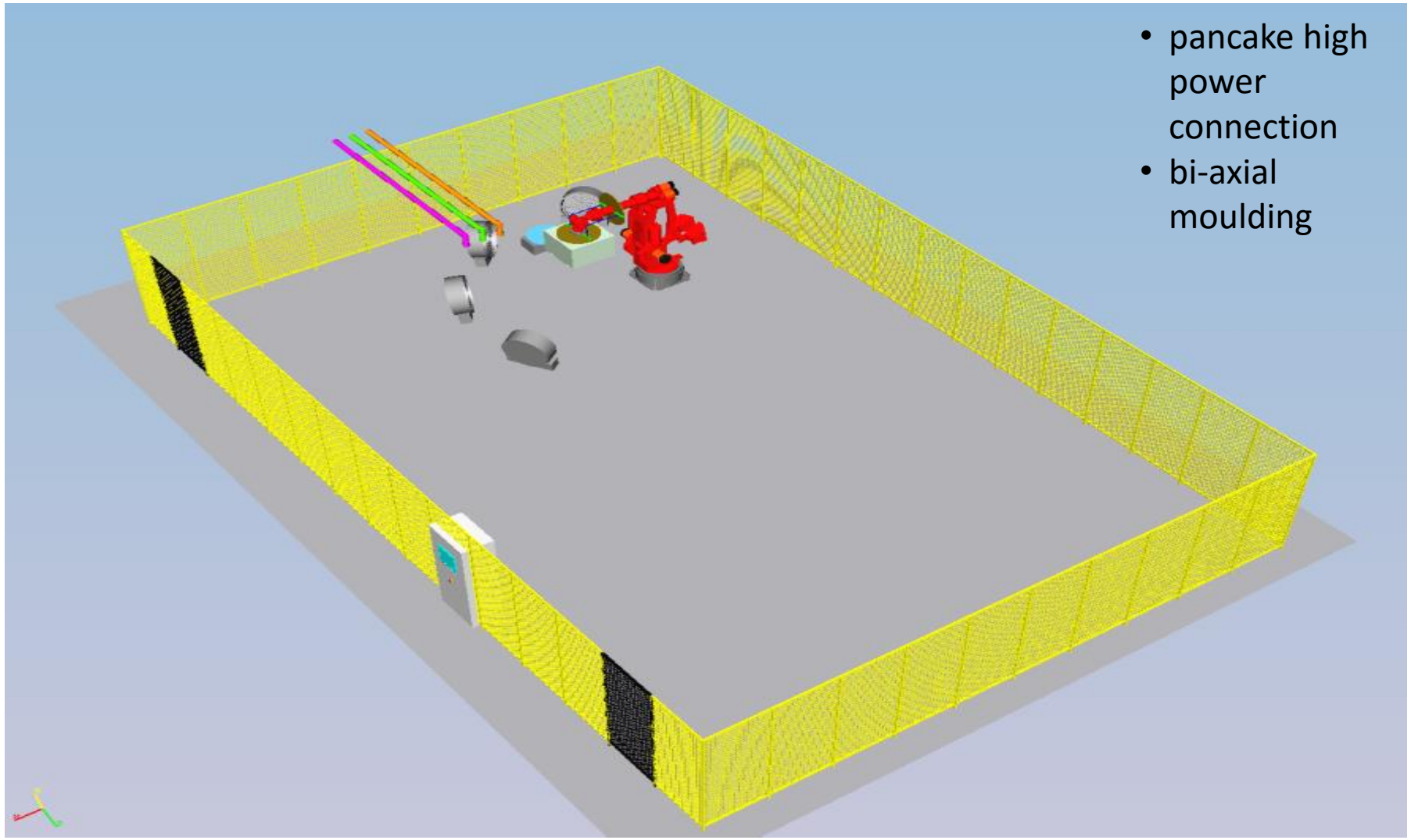

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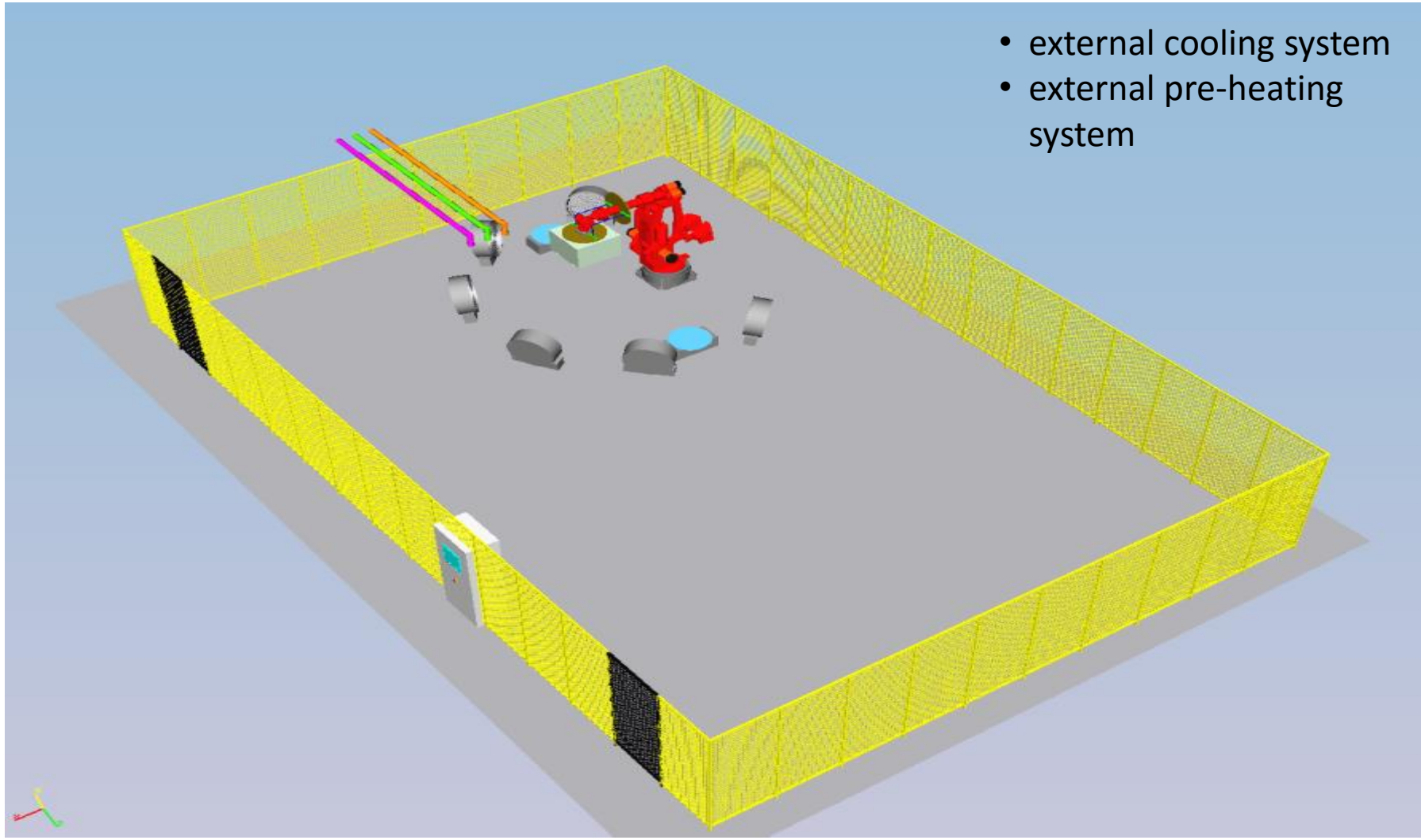

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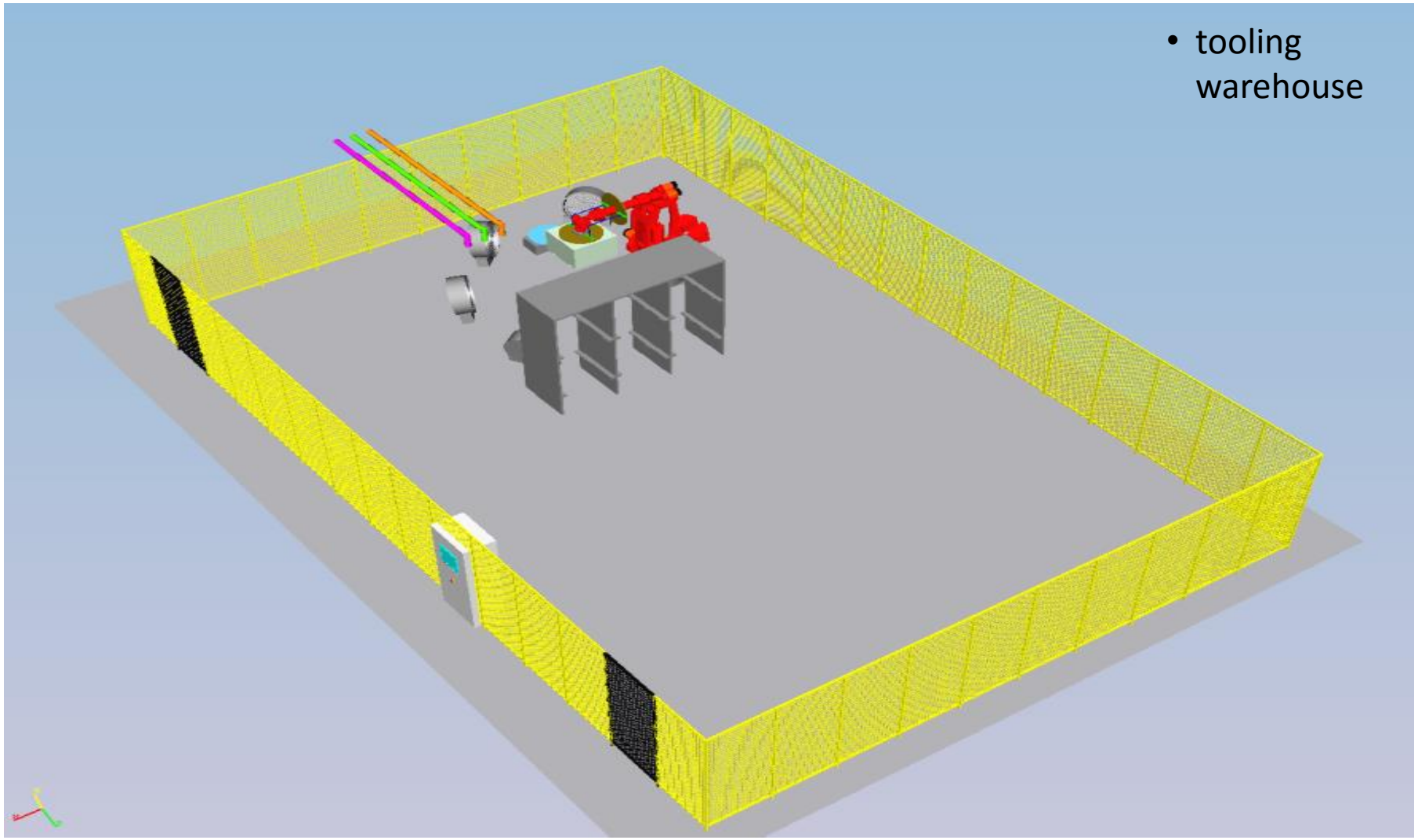

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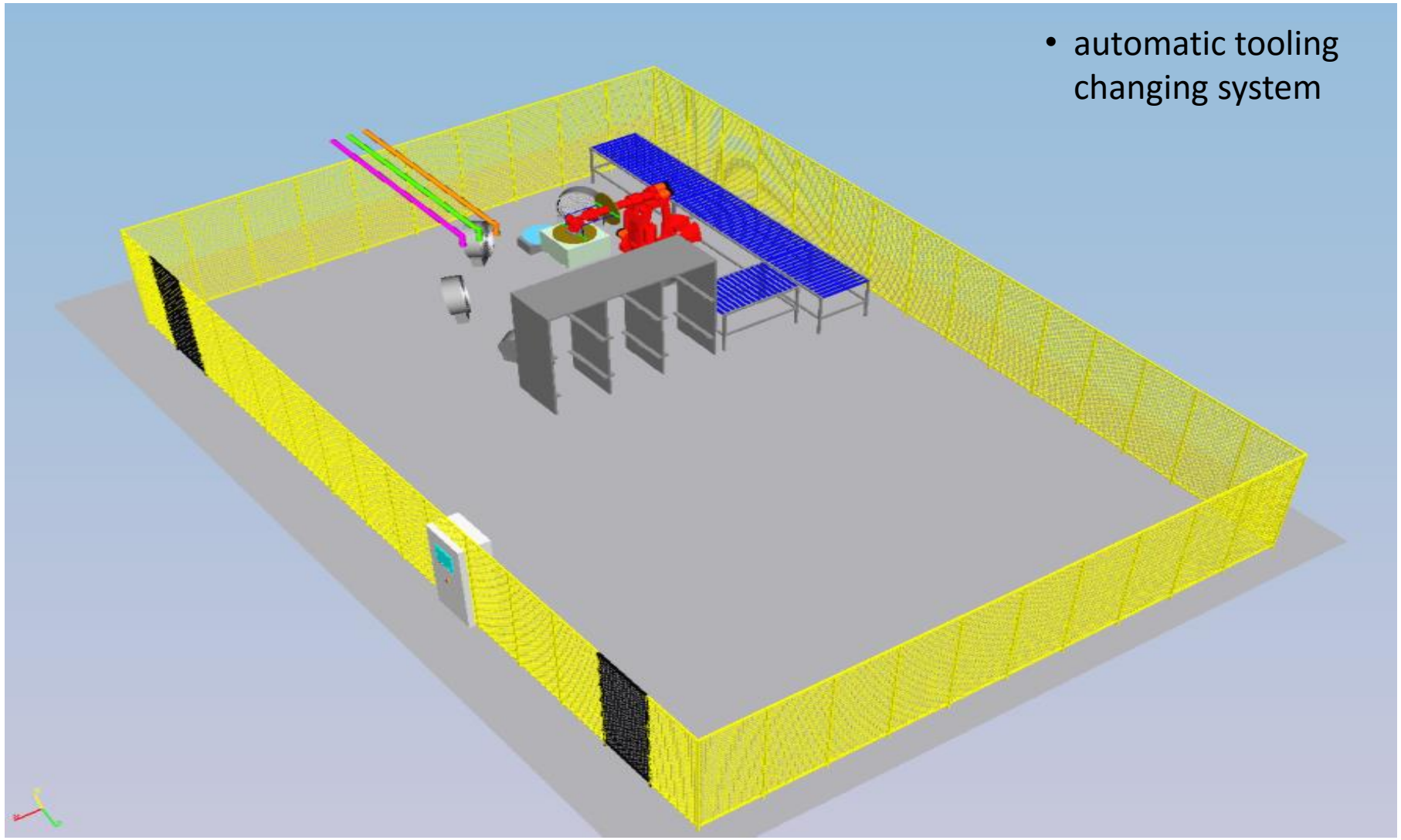

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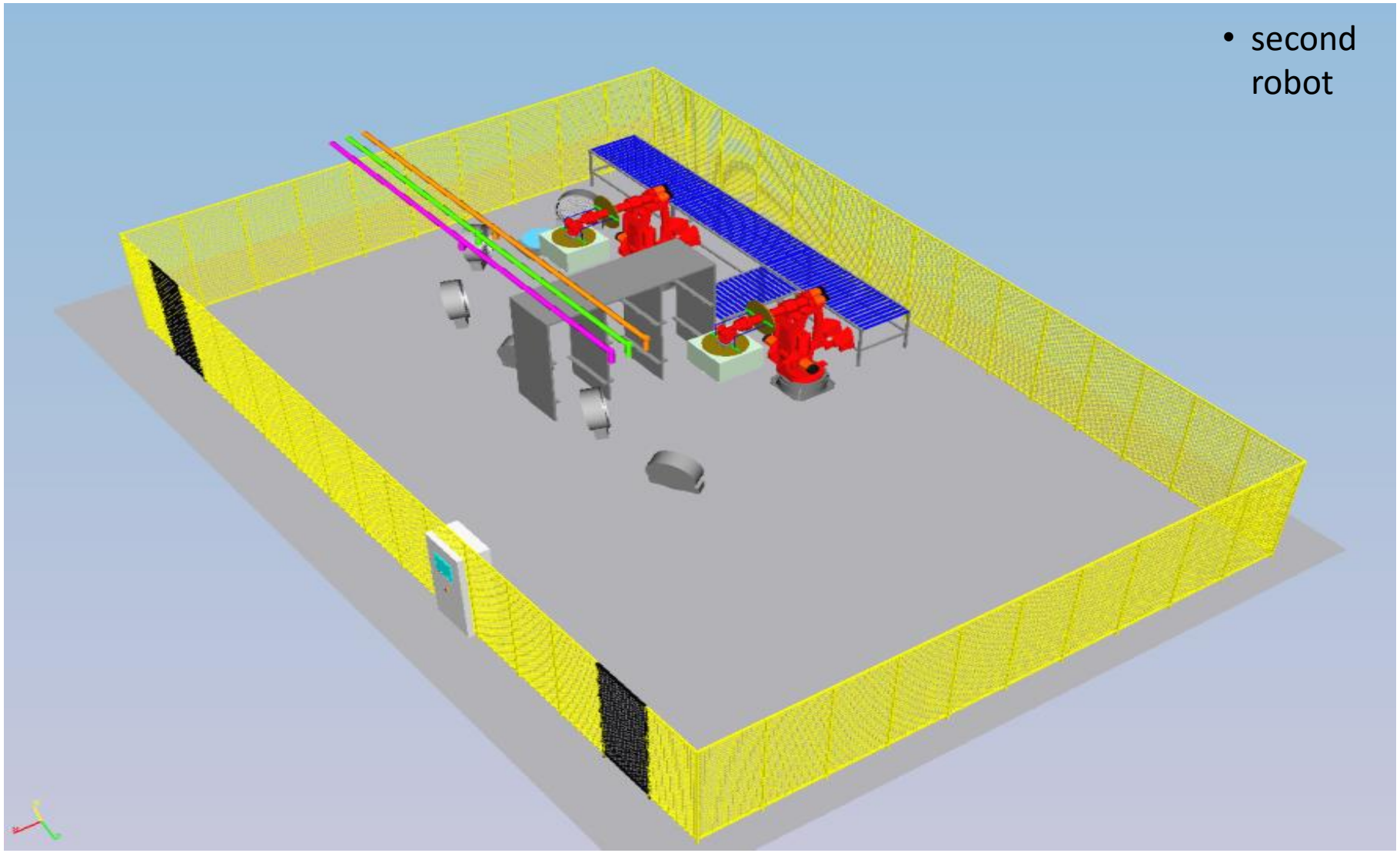

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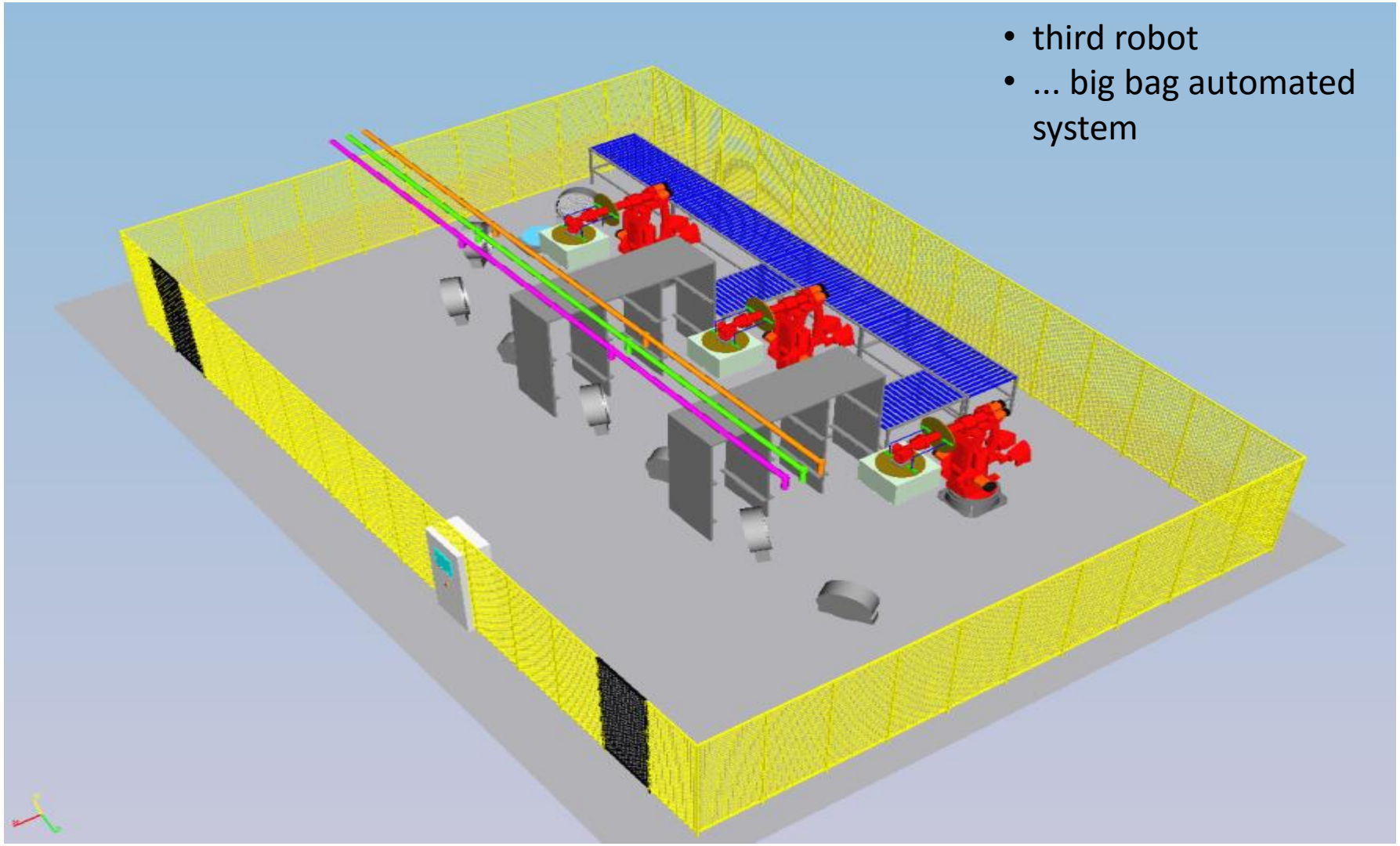

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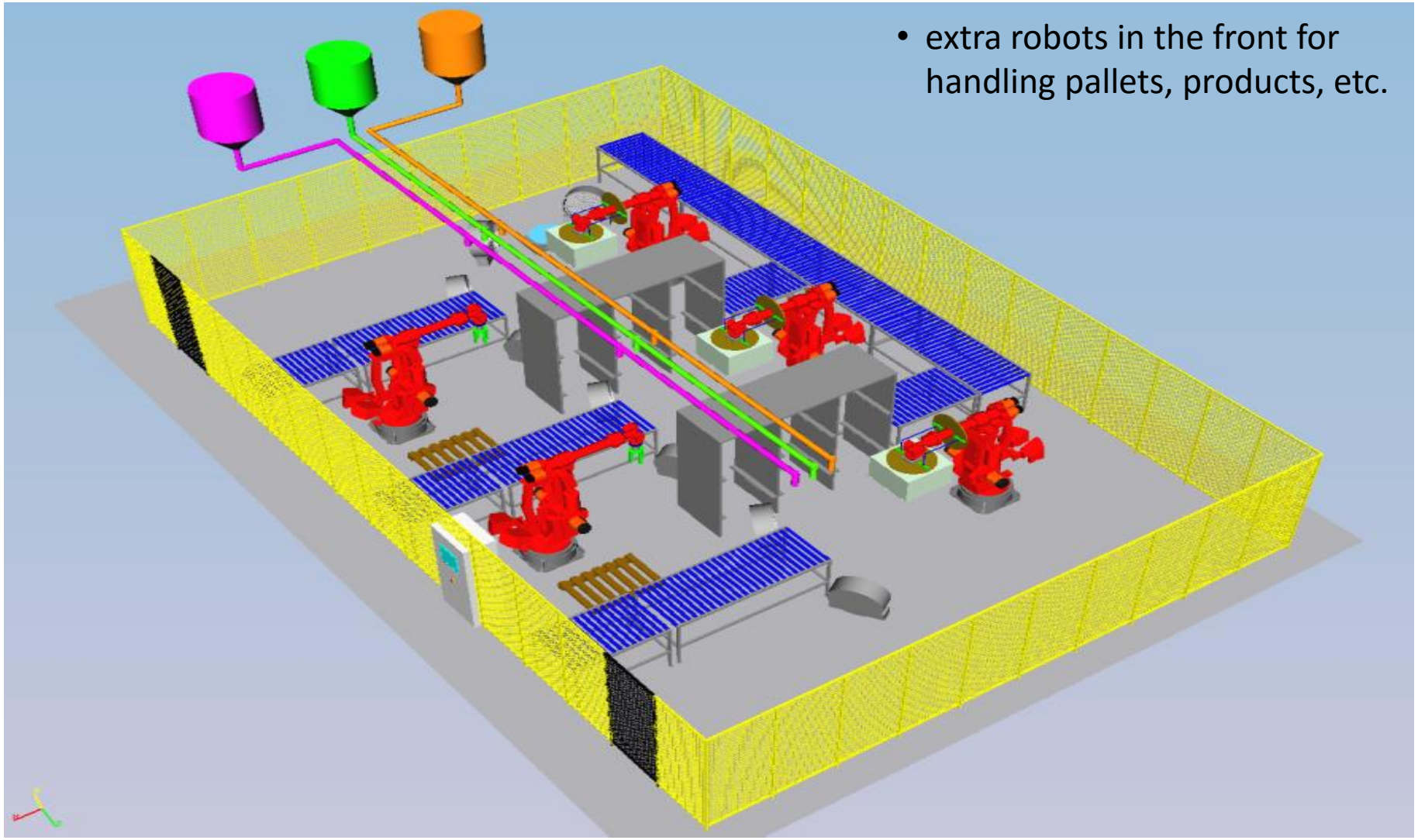

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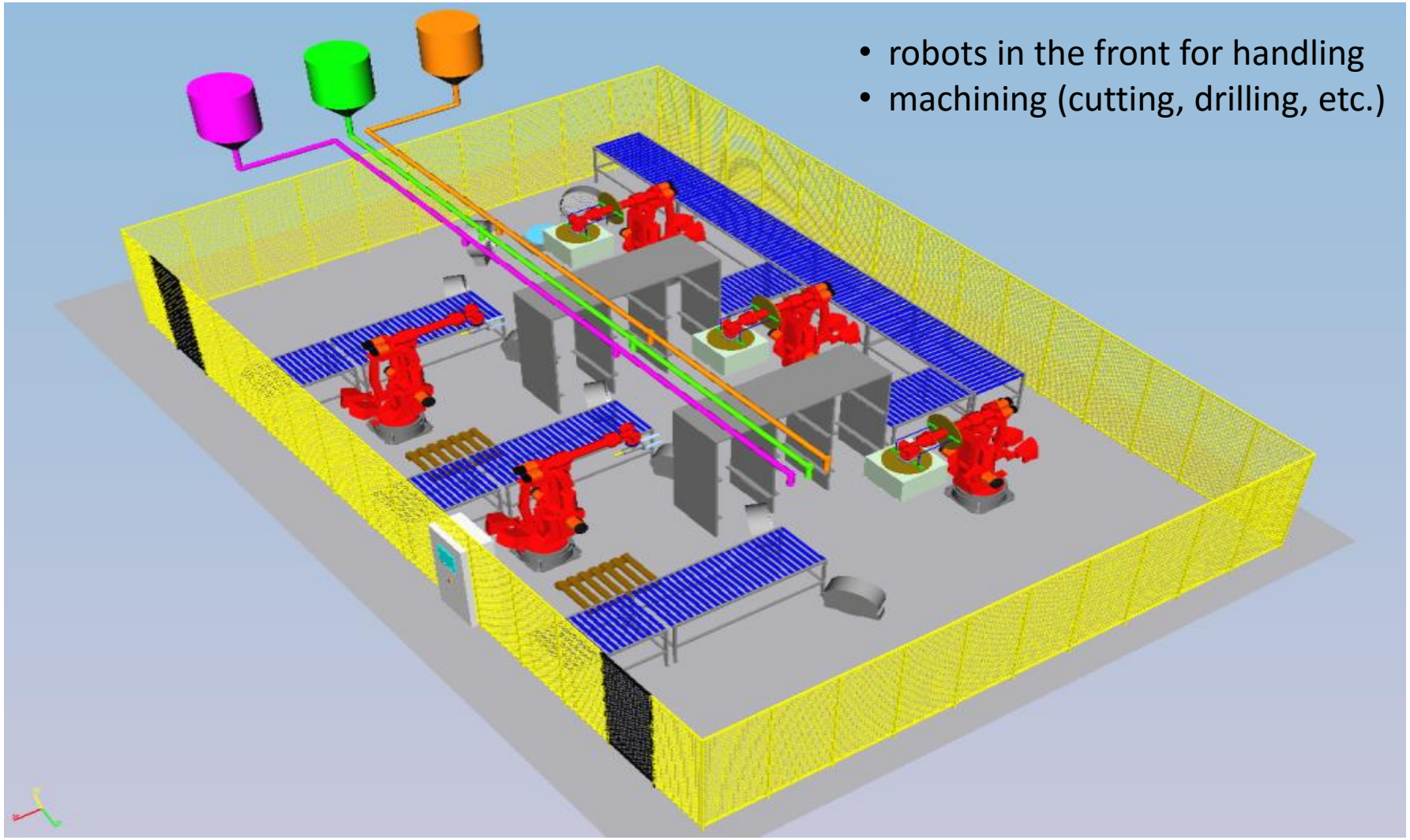

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Fully scalable system to complete FMS

System data:

- Entry system from 150 … 350 … 650 ... 1000kg ... Up to **2x1000**kg
- **electrical heating** system
- Faster cooling by compressed **air into the mould,** ... or **vacuum** ...
- for all kind of actual rotomoulding **materials**, **double** shot ... triple
- and faster **fully automated tooling exchange,** no damaged tooling
- fully **traceability** of the production process (graphical chart output/piece)
- production support & manufacturing system on **Ipad** software
- automotive proven technology so **high MTBF** and **high OEE**
- **global** available, easy transportable, **less floor** space required, fast startup

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AMS Robomould Advantages

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Fully scalable system to complete FMS



The benefits of our system:

- **turnkey** projects
- From **single** robot to **full automation** projects
- The process is fully pre-programmed in a **PLC controlled** system
- pre-programmed and **simulated off line system** so after the design of the part the process of the part manufacturing is done
- **less energy** consumption, **reduced manpower, fast in production**,
- In production tested with very satisfied customers 14 systems by now and orderbook for 2015 is still 8 machines to deliver

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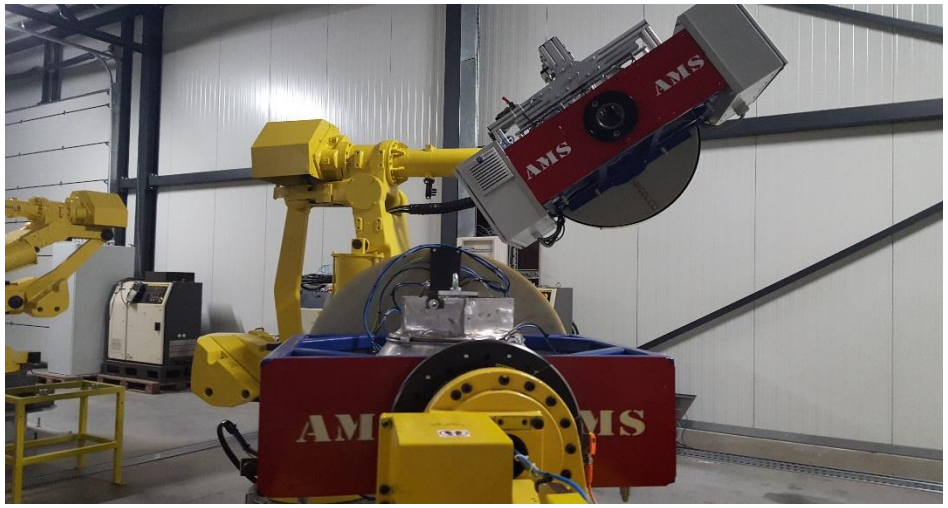
AMS Robomould an impression



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