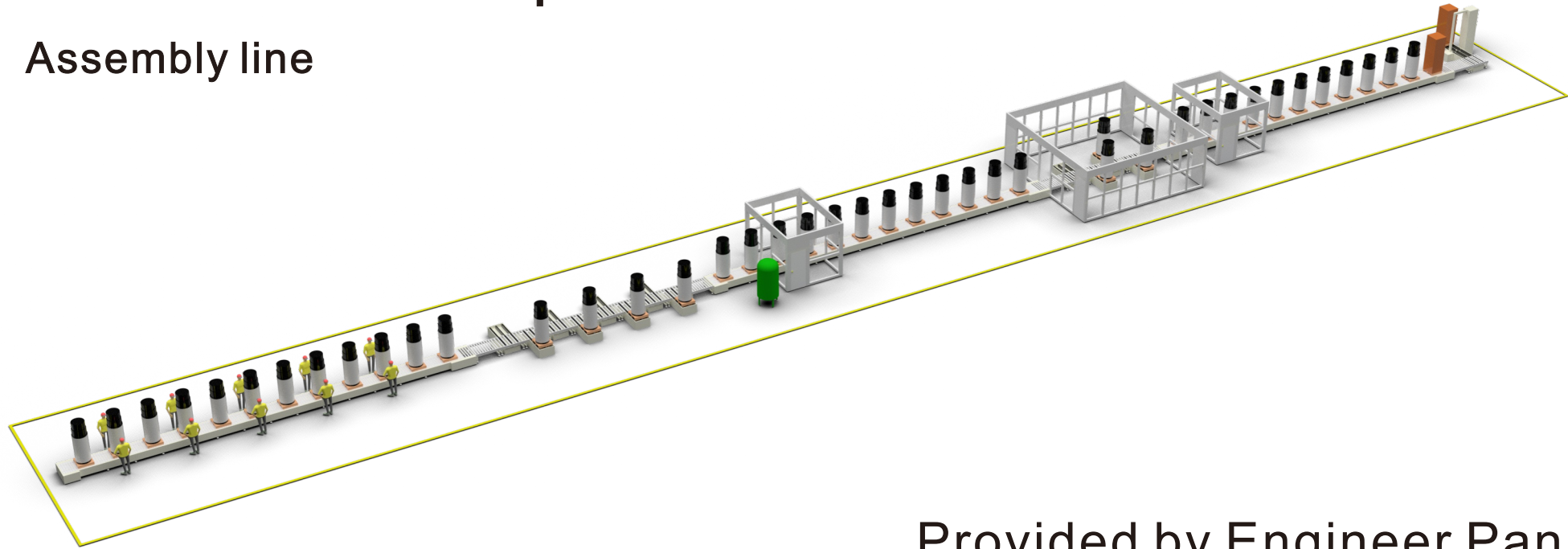


Boiler Heat Pump

Assembly line



Provided by Engineer Pan
2025

Thanks

Thank you for choosing the products and services of our company. We focus on factory automation production system engineering.



Life Cycle Assessment
Environmentally friendly



ROHS standard
Electrical components

Equipment suitability



Boiler Heat Pump

Planning capacity : 200 per day (8 hours)

Workshop

Necessary area: 80m * 10m (length and width) workshop

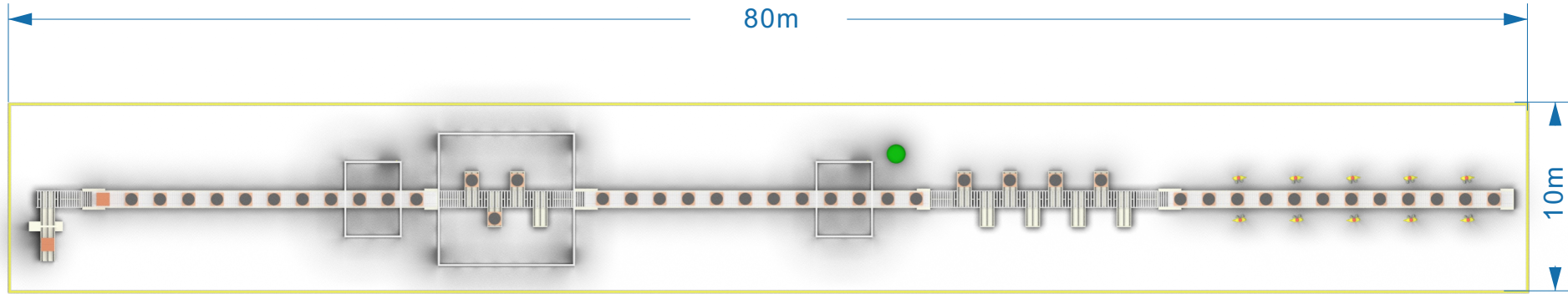


Engineer Pan

Scan to add on WhatsApp



Necessary area: 80m * 10m (length and width) workshop



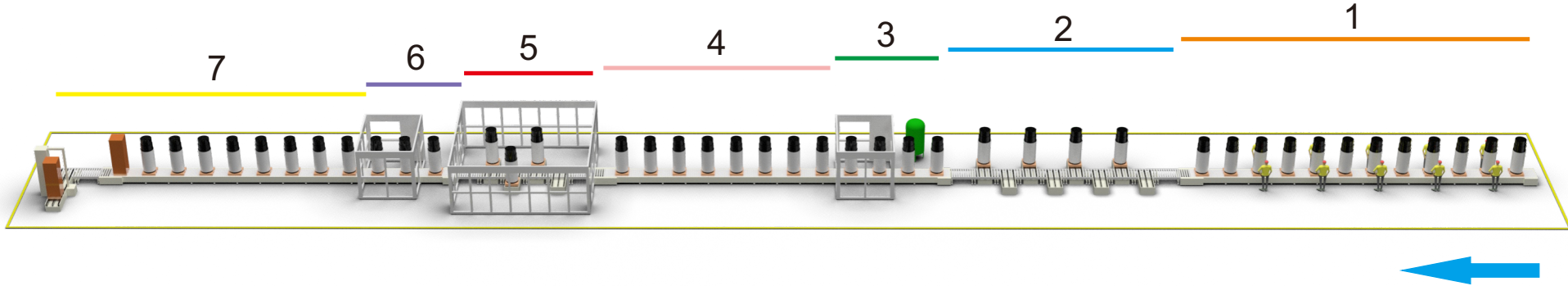
● Workshop power supply

● Workshop compressed air supply

- Assembly lines power consumption is 50 kW

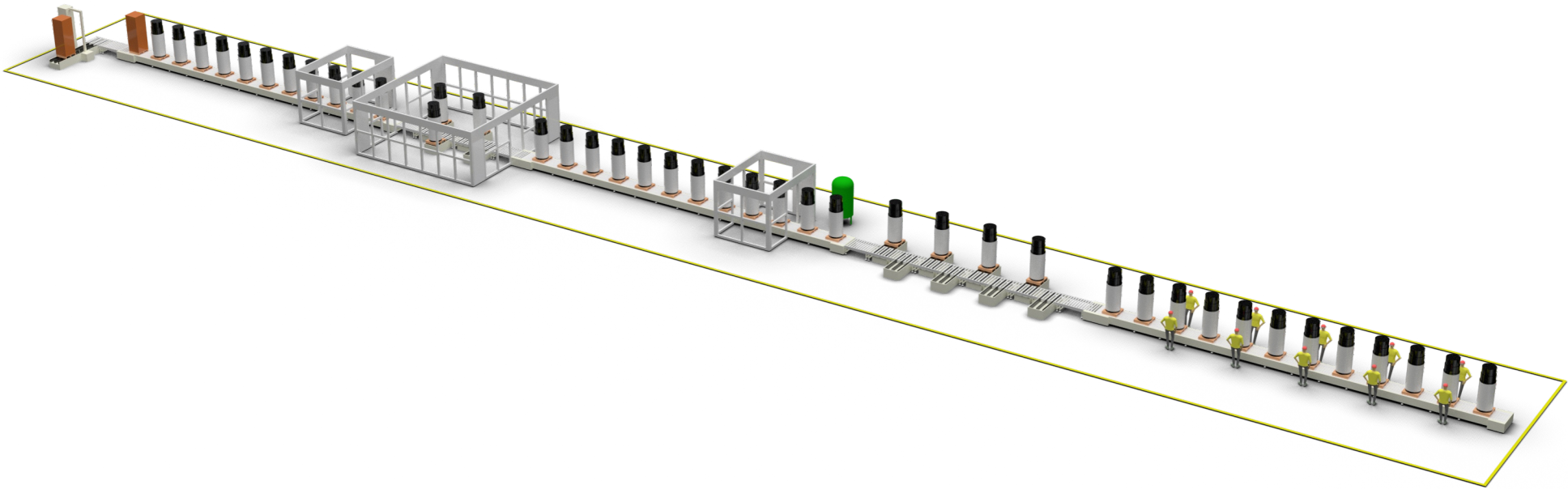
- 11kW 1.7m³/min 0.8Mpa

Overview



1.Assembly and copper pipe welding; 2.Vacuum extraction; 3.Refrigerant charging and leak detection;
4.Assembly line; 5.Run test; 6.Leak detection; 7.Safety testing and packaging

Assembly line introduction



1.Assembly and copper pipe welding

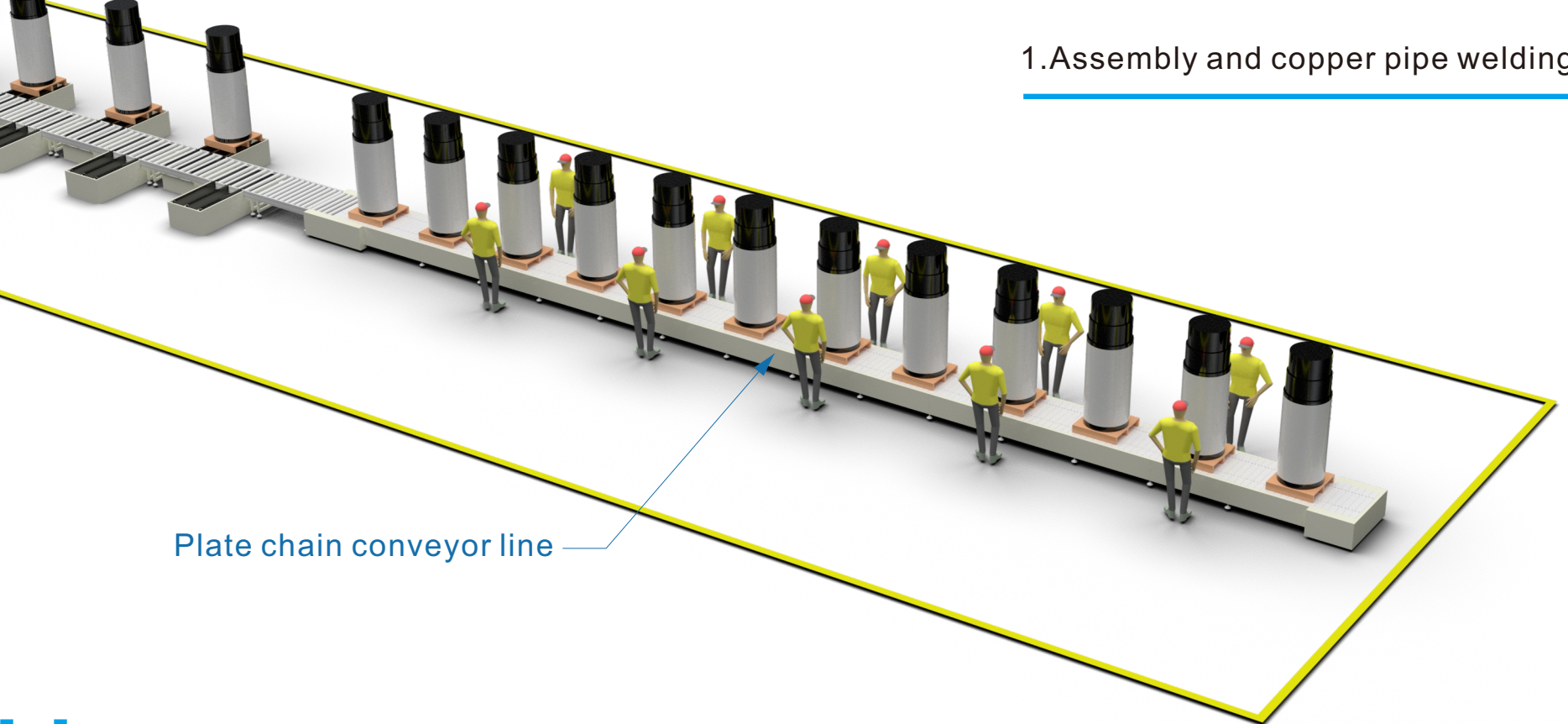
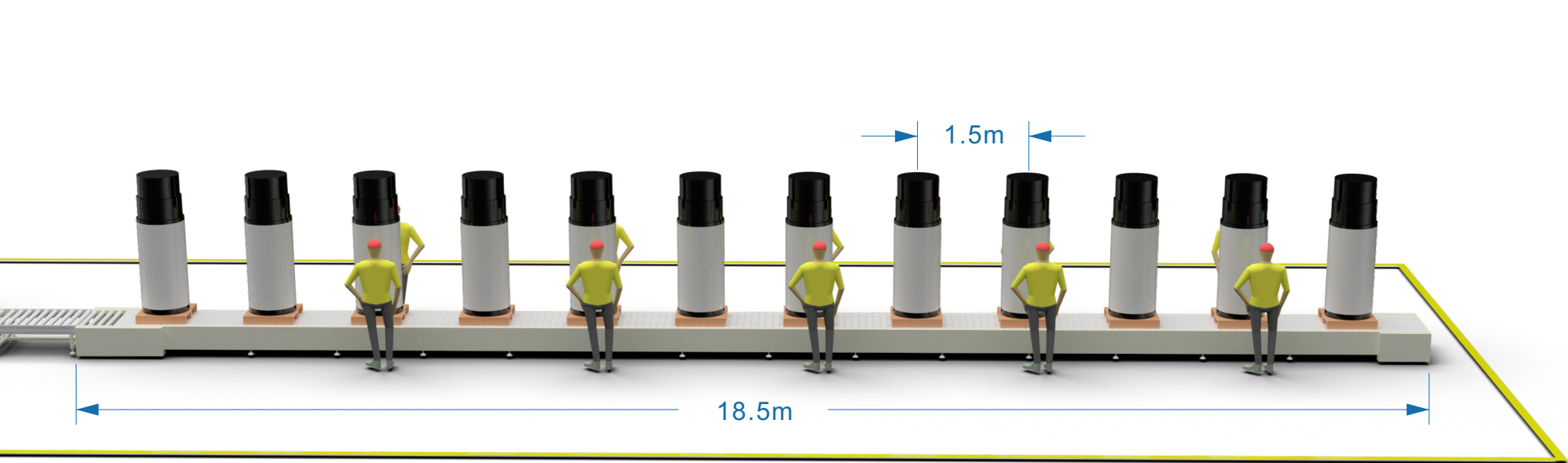
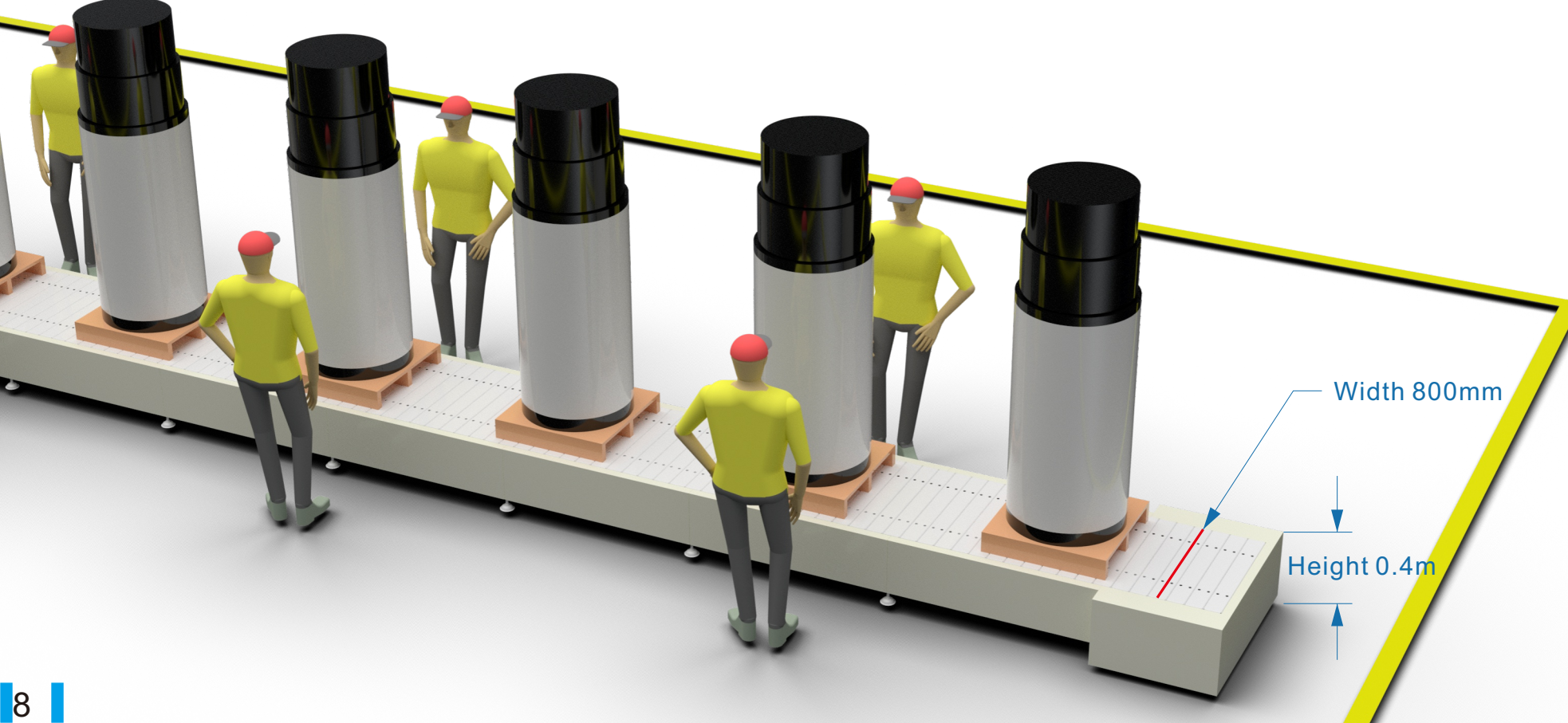


Plate chain conveyor line

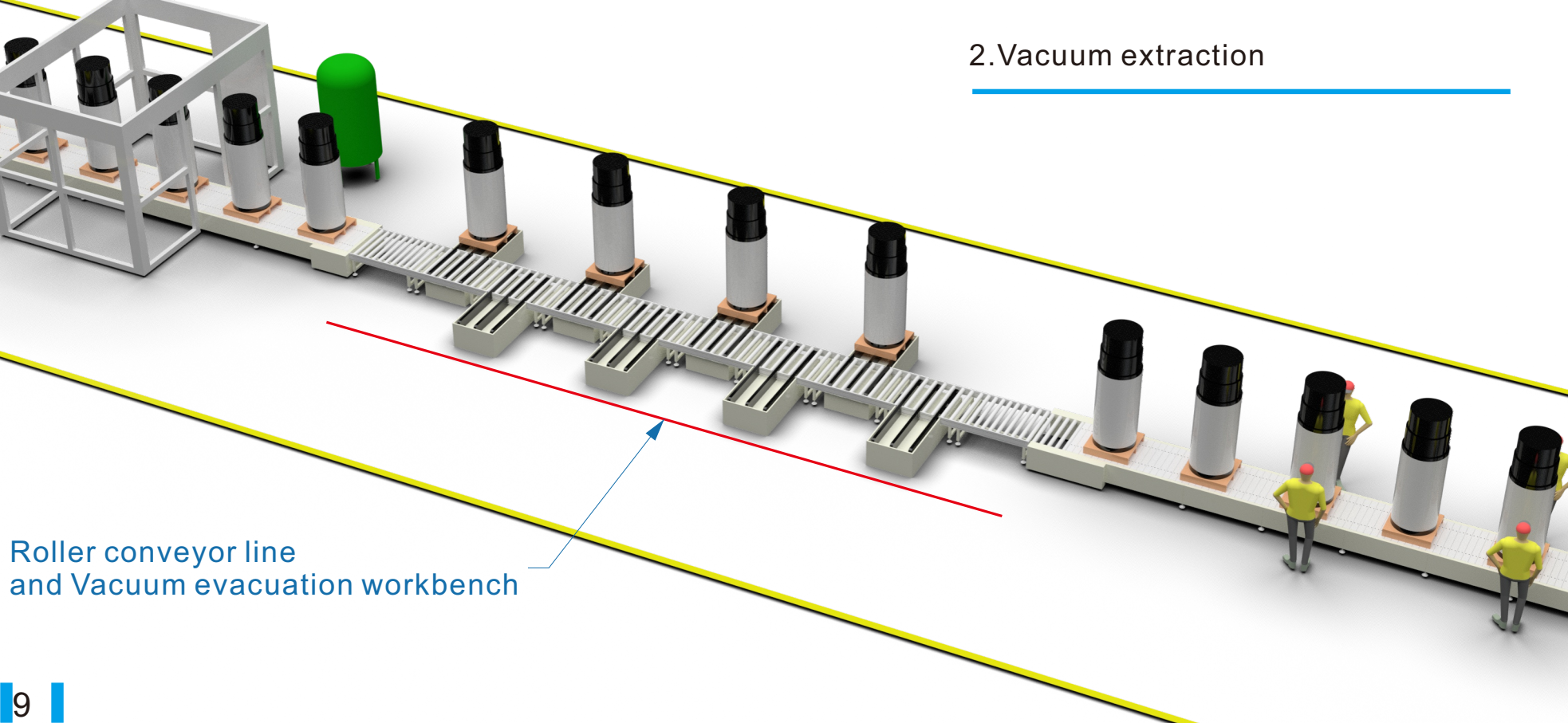




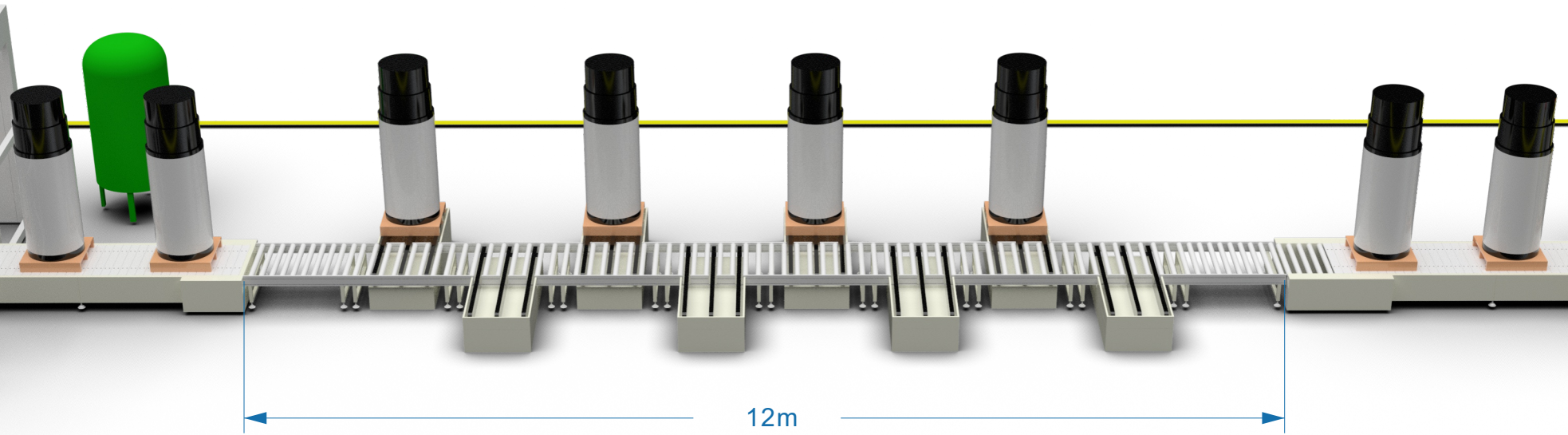
Width 800mm

Height 0.4m

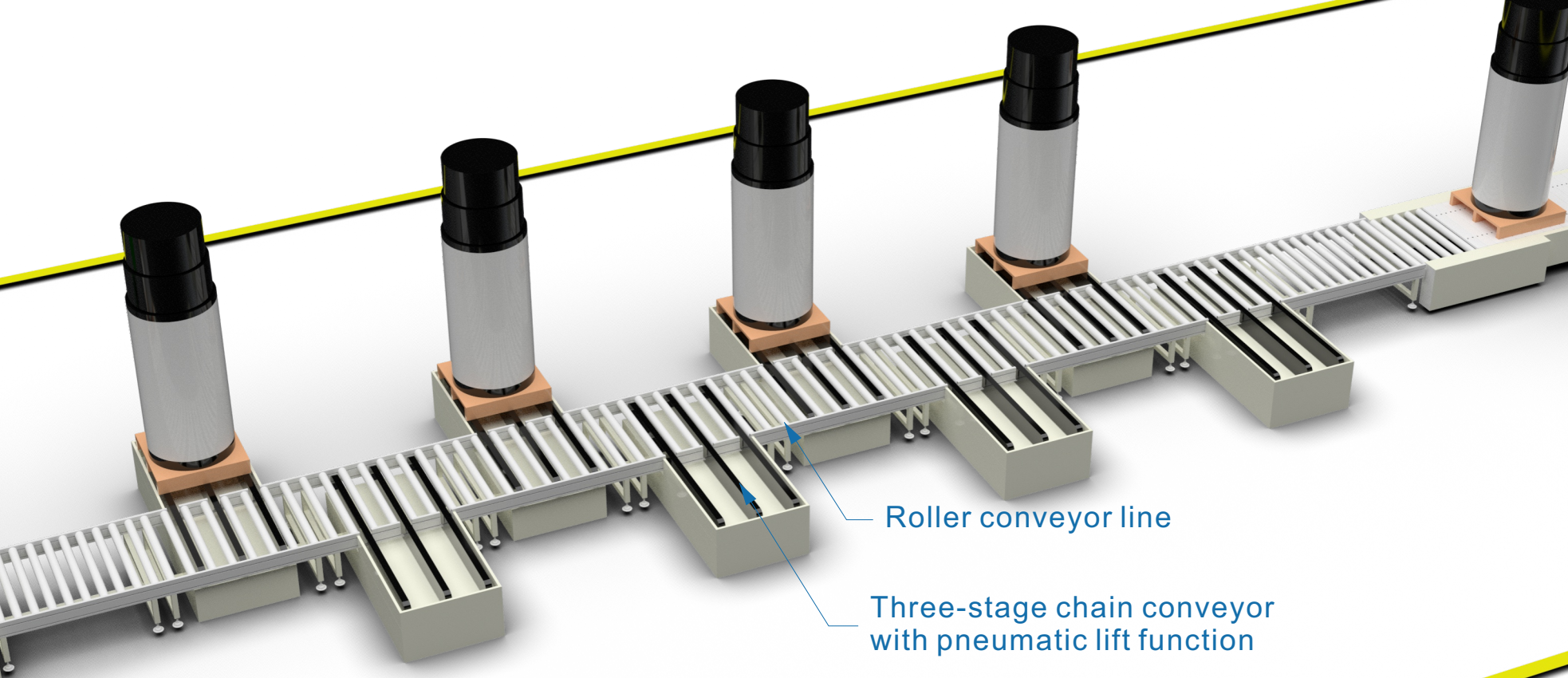
2. Vacuum extraction



Roller conveyor line
and Vacuum evacuation workbench



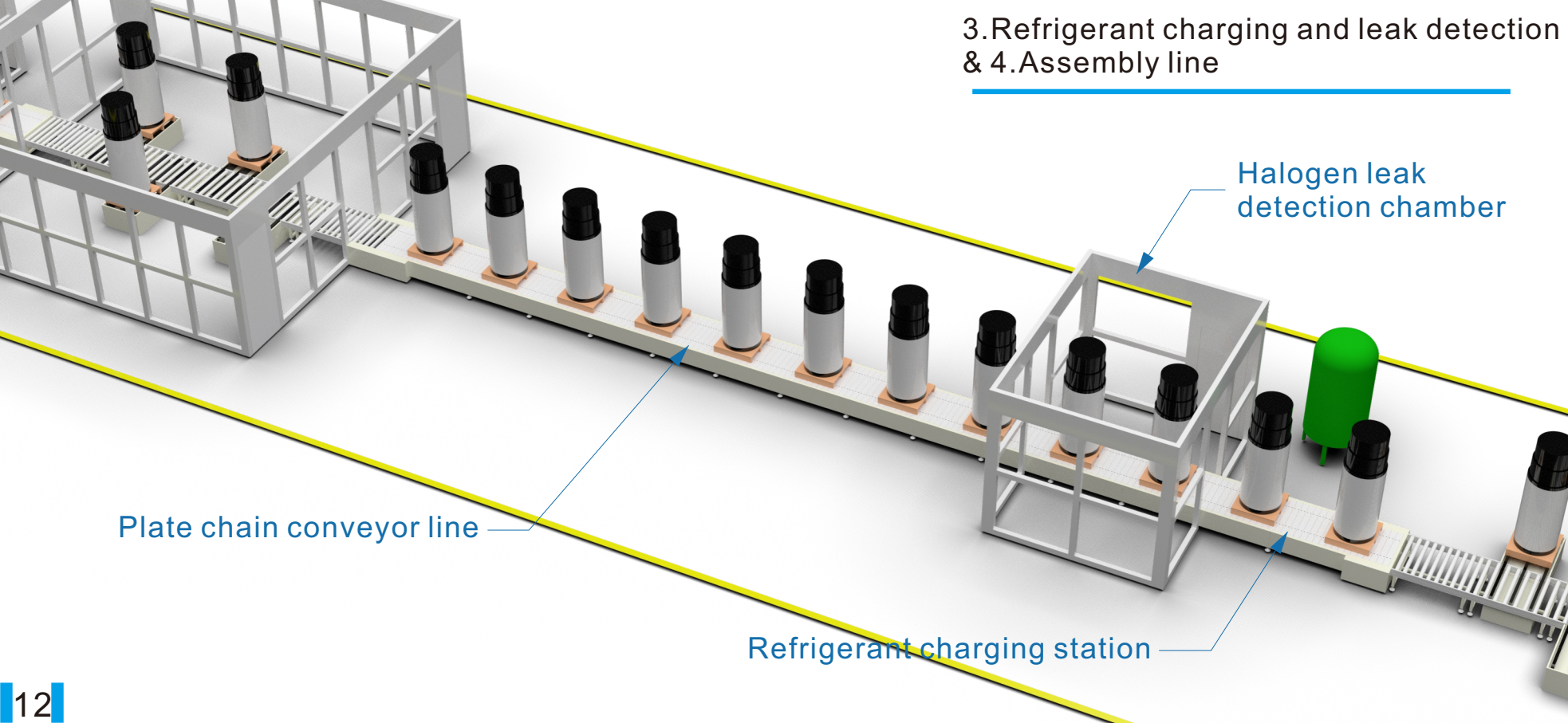
8 sets of vacuum evacuation workbenches



Roller conveyor line

Three-stage chain conveyor
with pneumatic lift function

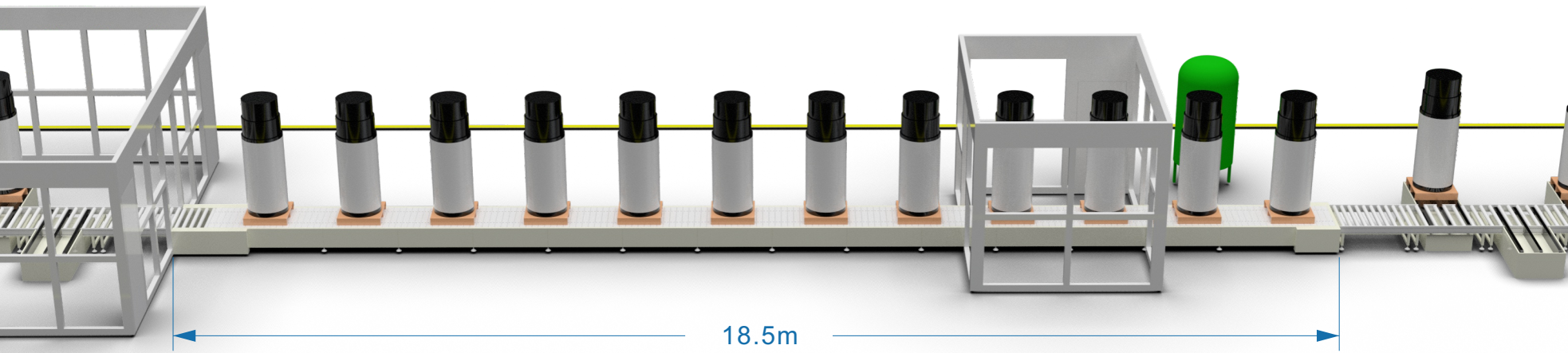
3.Refrigerant charging and leak detection & 4.Assembly line



Halogen leak
detection chamber

Plate chain conveyor line

Refrigerant charging station



5.Run test

4 sets of operational test workstations

The test room is 7 meters long
and 7 meters wide

Roller conveyor line

6. Leak detection
& 7. Safety testing and packaging

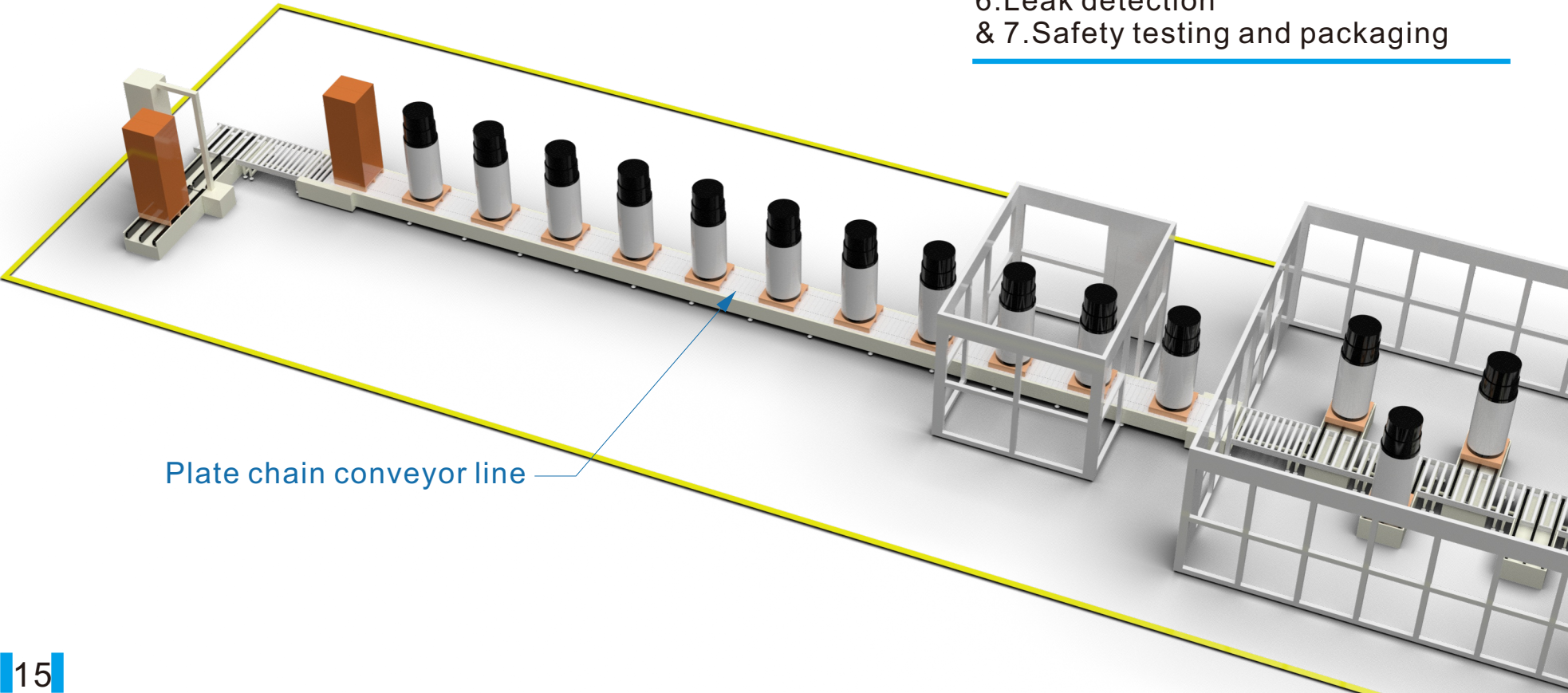
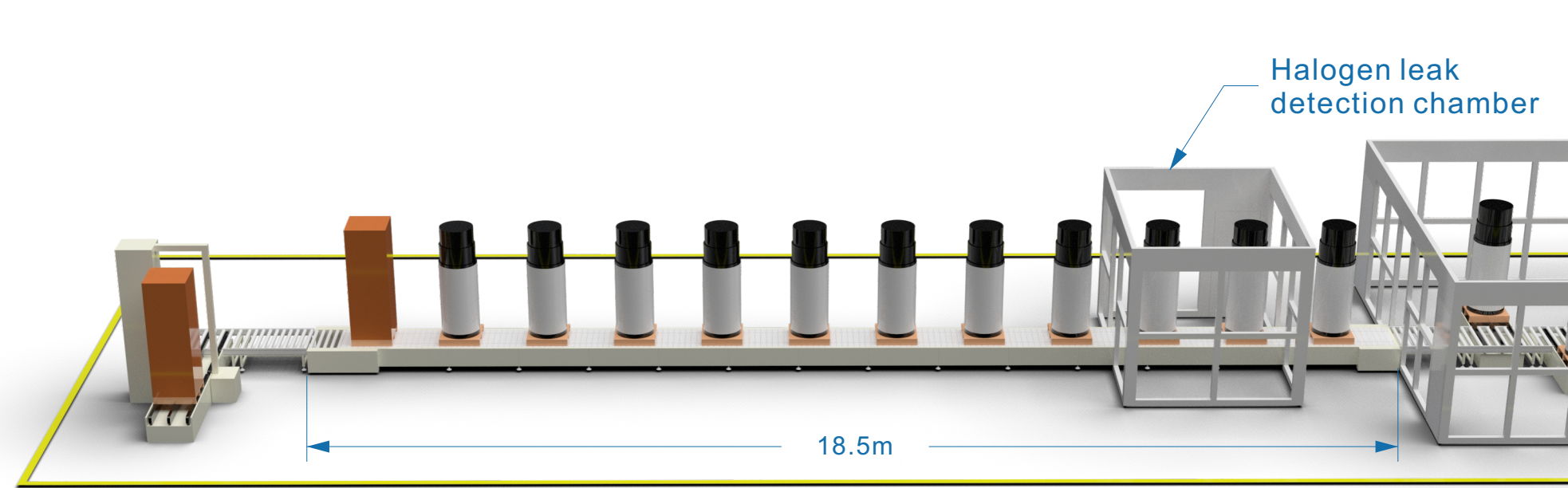
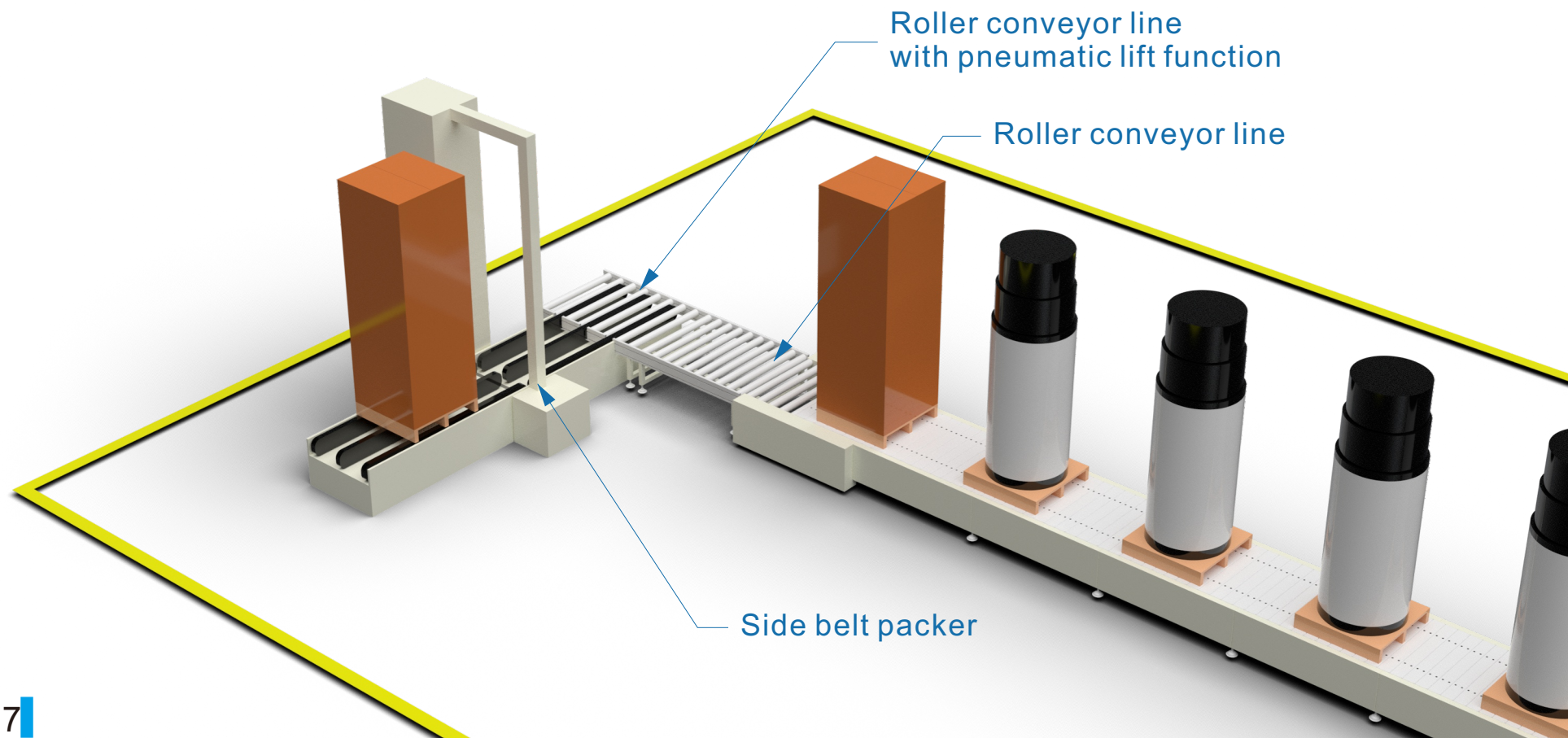


Plate chain conveyor line

Halogen leak
detection chamber

18.5m





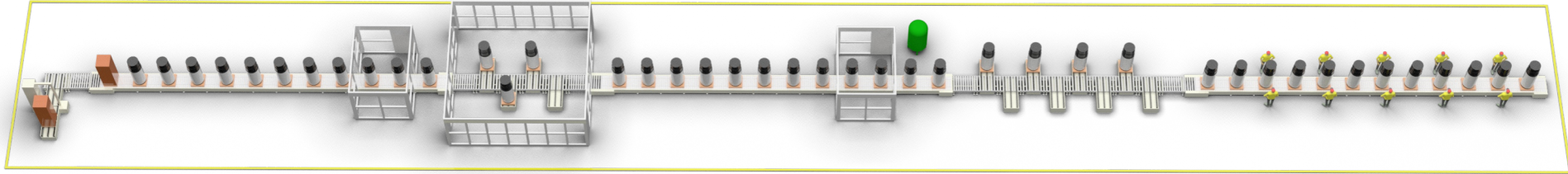
Roller conveyor line
with pneumatic lift function

Roller conveyor line

Side belt packer

Regarding the equipment delivery period:

60 days for manufacturing at the factory



Related supporting equipment:

- 1.Copper pipe welding equipment,
- 2.vacuum pump for vacuum evacuation,
- 3.refrigerant charging equipment,
- 4.halogen leak detector,
- 5.operational test equipment,
- 6.safety testing equipment.

Brands of the main components of the equipment

SIEMENS

OMRON

SICK

Schneider
Electric

SEW
EURODRIVE

Thank You !

