KeyTec China Painting Capability

Our Company

- Established WOFE in 2000
- Total investment 18M$
- Fully equiped Toolshop
- Metal & Plastic & Decoration
- Components & Full Assembly
- 27000m2 floor space
- ISO 14001 certified (2002)
- IATF 16949 certified (2004)
- ISO 13485 certified (2012)
- 26.6 M USD Sales (2020)

Worldwide production

1. Netherlands

Eindhoven headquarters

Sittard
Proto & Mass production
Metal, Plastic and Assembly

2. Czech Rep.

Ceske Budejovice
Metal, Painting and Assembly

3. China

Suzhou PC
Metal, Plastic, Painting, Decoration
Assembly and Tooling

Suzhou MM

Hongkong Rep. office

Our customers KeyTec Inside

KeyTec PRECISION COMPONENTS

- Multinational
- Worldwide focus
- Pro active
- Zero-defect Quality

“Powerful in Metal-Plastic combinations”

Our customers
KeyTec Inside

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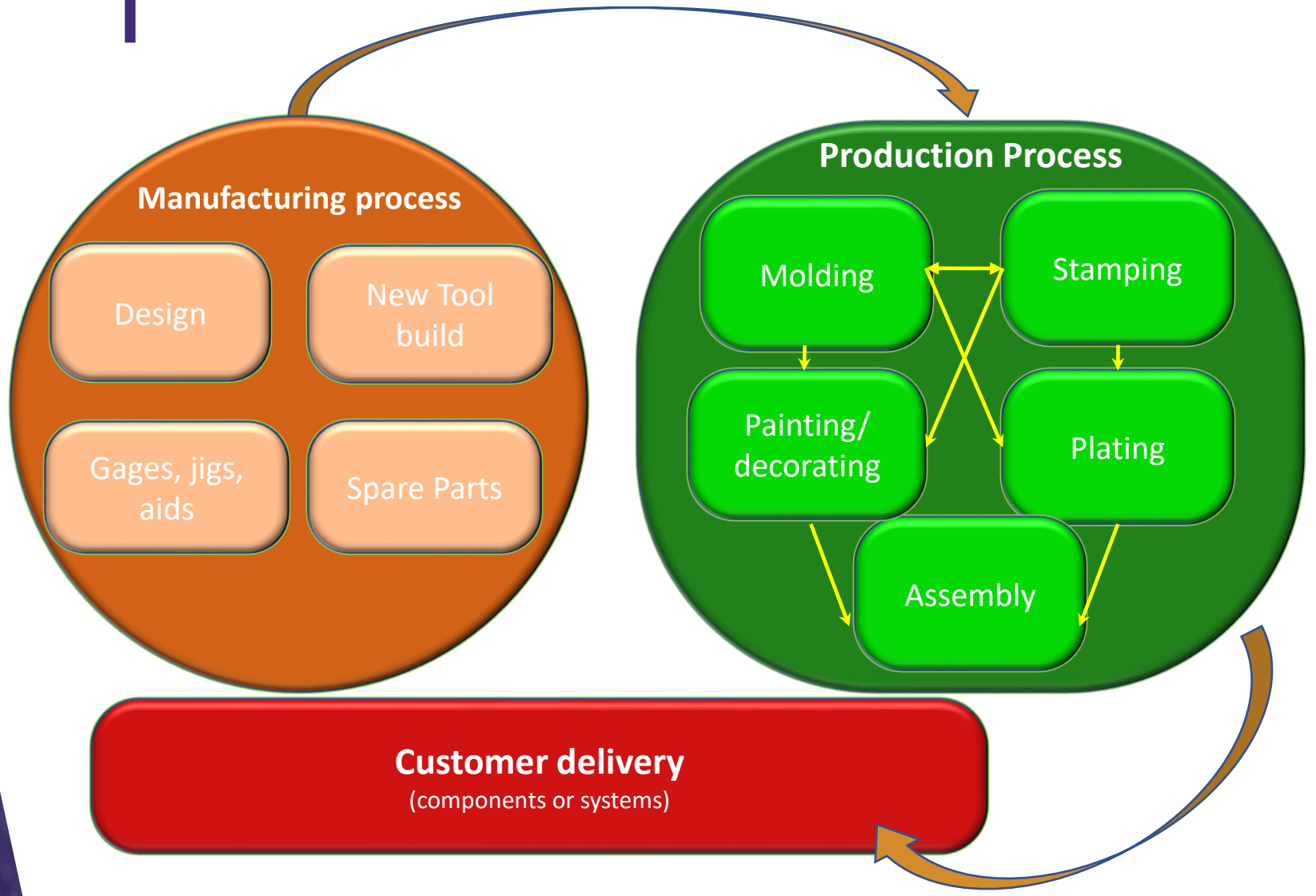
KeyTec Capacities



KeyTec Stamping

- Floor Space: 1600m2
- Presses: 14 (Kaiser, Seyi, Micron)
- Tonnage: 25T-400T
- High Speed (800SPM)
- Deep Drawing
- Deburring & Cleaning
- Ultra Sonic Cleaning
- Auto Bending & Assy

KeyTec Precision Molding

- Machines: 44 (Arburg, Demag, Engel)
- Insert Molding (Metal + Plastic)
- 2K (2shot) Molding
- High Speed Molding
- Rapid Heating and Rapid Cooling
- Clean Room Molding
- Electric Molding
- Tonnage: 15-650T
- Floor Space: 2500m2

KeyTec Surface decoration

- Laser Etching
- Silk screen Printing
- Pad (tampon) Printing
- Painting
- Plating (outsourced to partner)

KeyTec Painting

- **Floor Space: 1000m2**
- **1 Water-based Robot Painting Line**
- **CO2 Snow and Ionized Cleaning**
- **Plasma Surface Activation**

“Japan YASKAWA explosion-proofing painting robot”

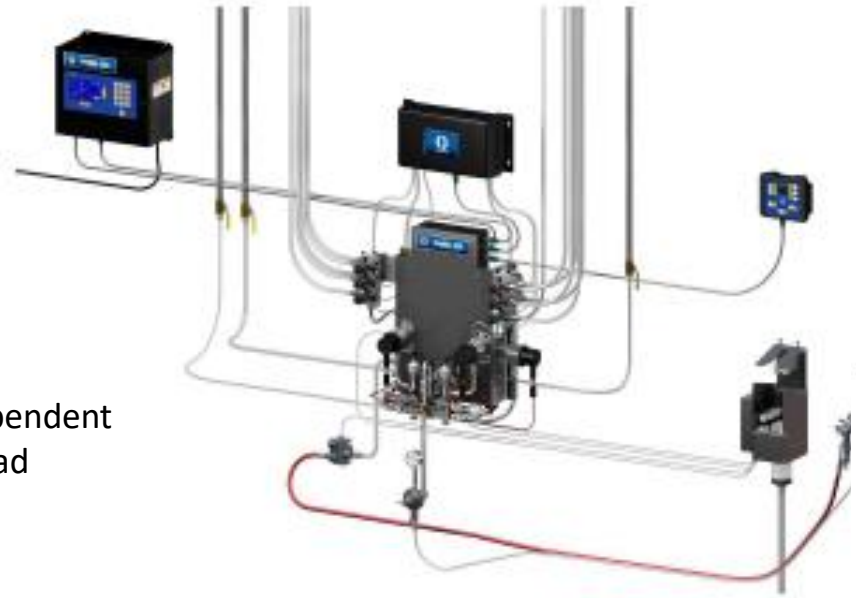
Technologies

- Japan YASKAWA explosion-proofing painting robot
- 2-layer painting, wet to wet, one curing process
- Automotive interior decorative panel, Painting area： 600*600mm

“GRACO 2K ProMix 2KS
Two Component Electronic Proportioning System

Technologies

- Functions controlled By PLC
- Automatic run mode: Gun trigger detected by Electronic input
- Gun with integrated flow control capability



Main operator interface

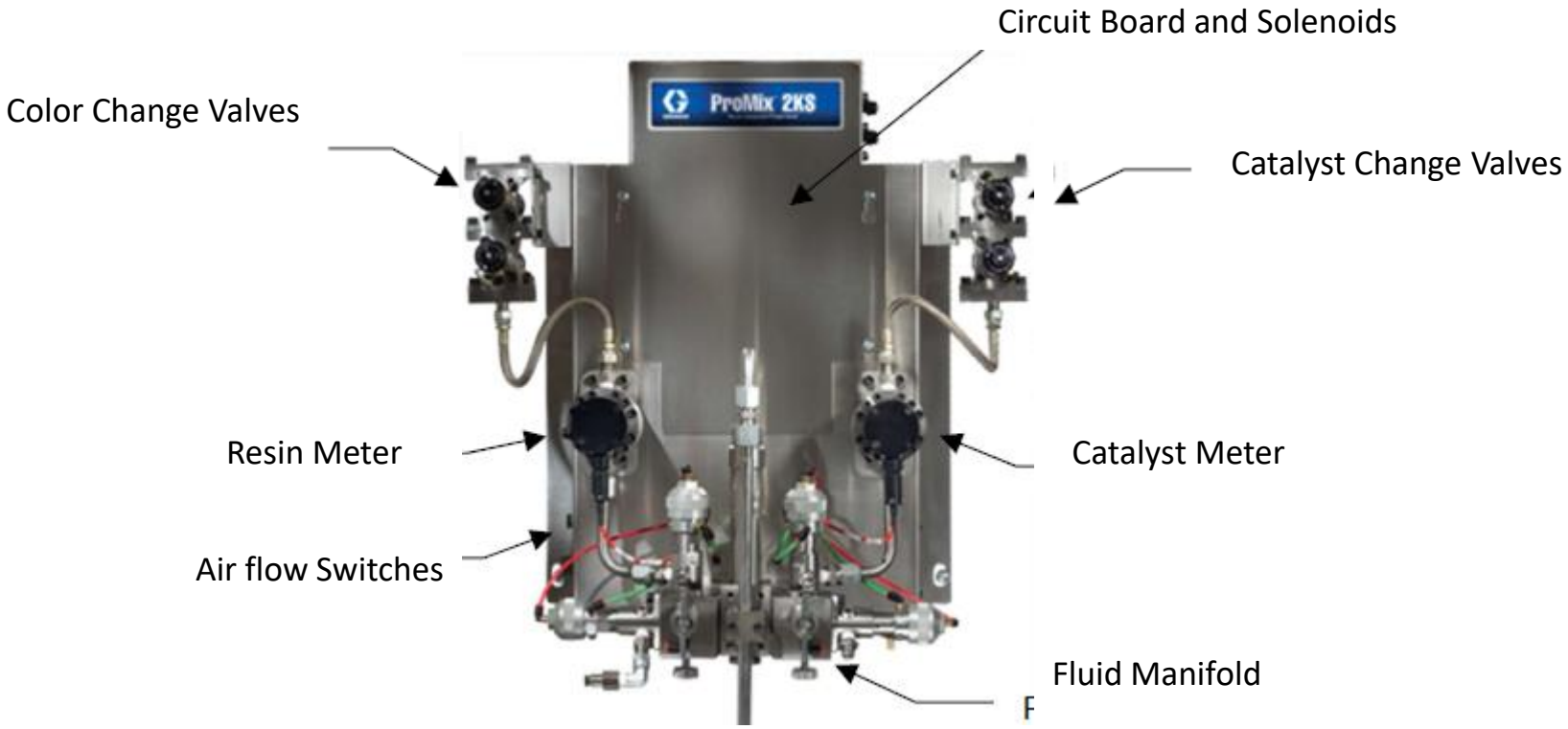
System Setup and run process Monitoring

Independent Keypad

“GRACO 2K ProMix 2KS - Wall Fluid Panel”

Technologies

- Dispense , integrate, mix, and flush materials
- Intrinsically safe design



“GRACO 2K automatic paint supply system”

Technologies

- Exchange the system between water base paint and solvent paint per the robot
- Automatic cleaning system, mixing accuracy is 1%, and the mixing rate is 1:5~21:1
- Easy to set up and operate
- Extremely fast and step changes and precise closed loop control
- Provides high finish quality and superior material saving.

“Clean room & Air shower”

Technologies

- Paint shop cleanness: Class 100K
- Paint booth cleanness: Class 10K
- Air conditioning system with humidity and temperature controlled in paint booth

“Icetech blasting for Pro-cleaning”

Technologies

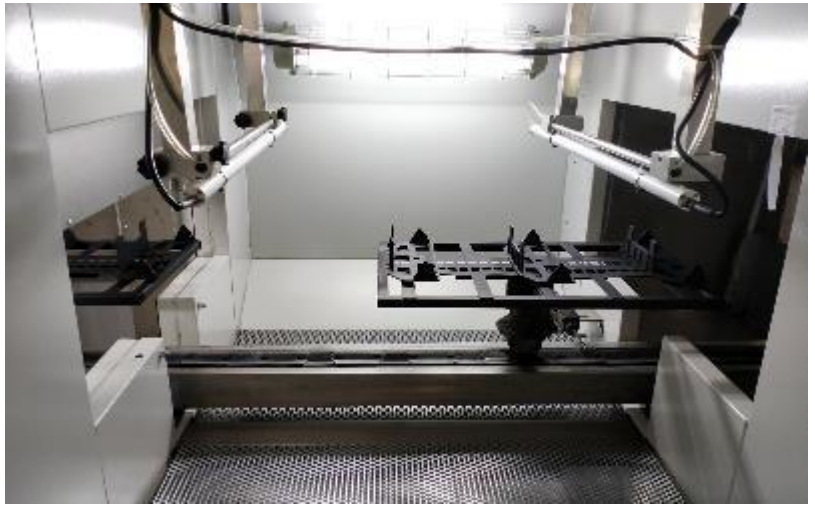
The icetech combines several units and functions:

- A dry ice blasting unit
- Optional Integration in control units and automation processes
- Optional distribution system to facilitate the connectio
- Fully Automated Machine for Dry ice Blasting
- Noise level below 75db

“Chain line”

Technologies

- Servo Motor driven conveyor system with NC
- Automatic Ionized air blow off to clean the parts and prevent the parts from the secondary pollution on the plastic parts



KeyTec Internal test capabilities

Professional test methods and specification

- Color and gloss measured by professional instrument
- Hardness test
- Adhesion and cross-cut test
- Coating thickness test
- Resistance against cosmetics test
- Climate test
- Other testing requirements to be discussed depending on specification and professional methods

“Tunnel Oven”

Technologies

- 40 ~ 100℃ IR Electronic Heating oven, Temperature： 40 ~ 100℃
- 40meter conveyor system, 20-40min baking time
- 10-step separate temperature control, the control accuracy is 5 degree
- UV solidifying system

“Painting exhaust air treatment system - Zero emission”

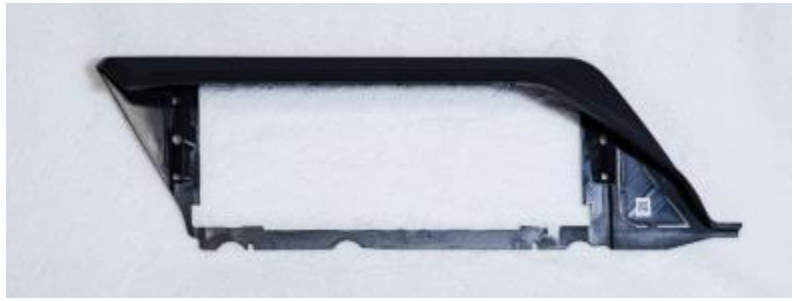
Technologies

- The air treated by the system meeting the requirement of GB 16297-1996
- Comply with EU standards

“Application: BMW Display”

Technologies

- Water based printing
- Front and Rear Cover Integrated



KeyTec
PRECISION COMPONENTS

“We Industrialize Your Idea”

www.keytecgroup.com