



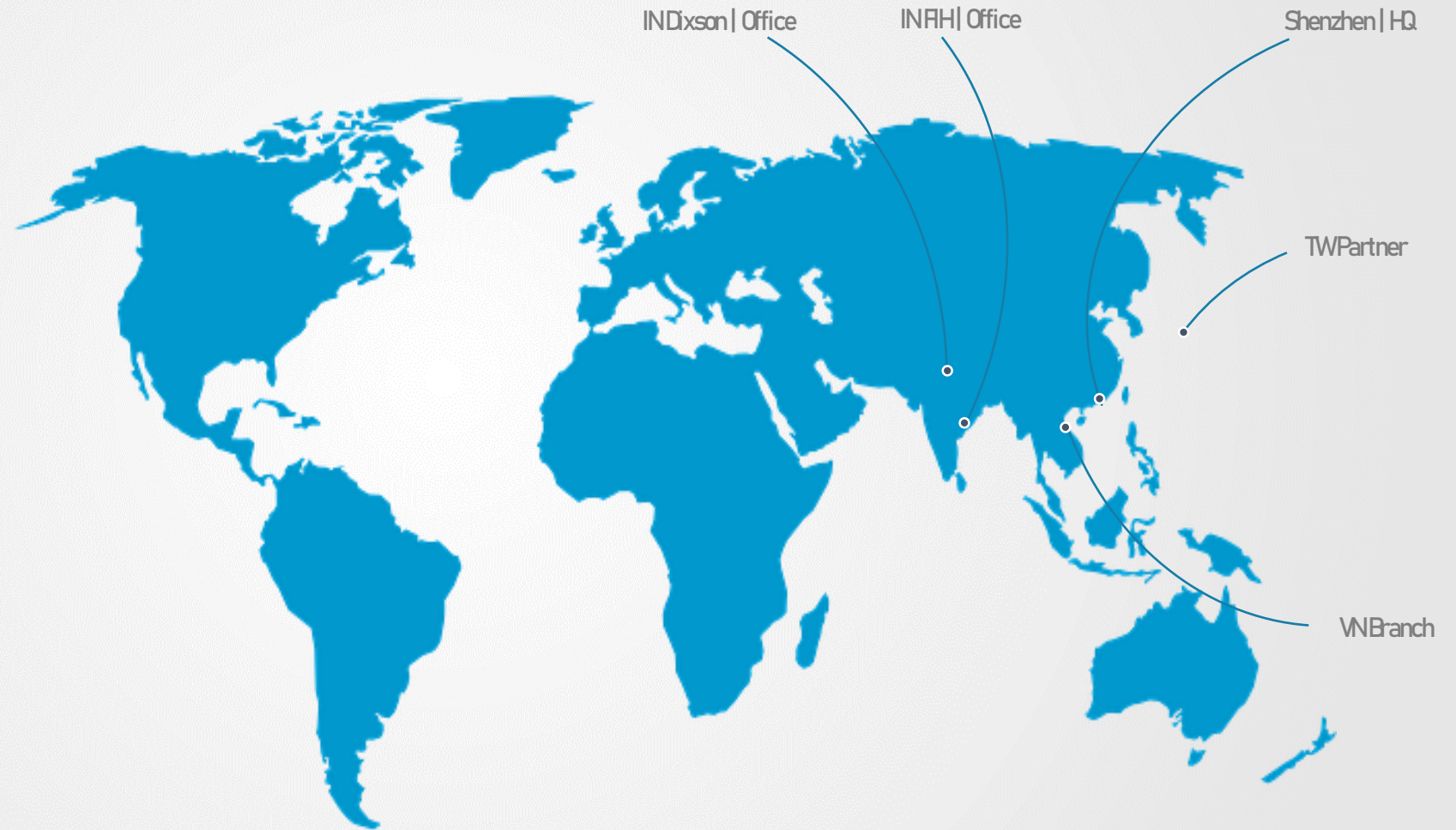
Chunhe (Viet Nam) Automation Technology Co., Ltd

Business development | Design | Manufacturing | Service

Mar.2025 | Lawrence

Chunhe (Viet Nam) Automation Technology Co., Ltd was found in 2021, as a branch of Chunhe (Shenzhen) Automation, is professional at equipment setup, retrofit and line setup etc.

- Located in Vinh Yen City-Vinh Phuc Province
- 45 Minutes to Google CM sites (CVC)
- 45 Minutes to Google CM sites (FS)
- 30 Minutes to Noi Bai International Airport



- Jan.2022, Invested CNC partner at 30% stock of THANH DUNG for deep cooperation,
- Mar.2025, Invested factory for manufacturing with 1200square meters more workshop near by.



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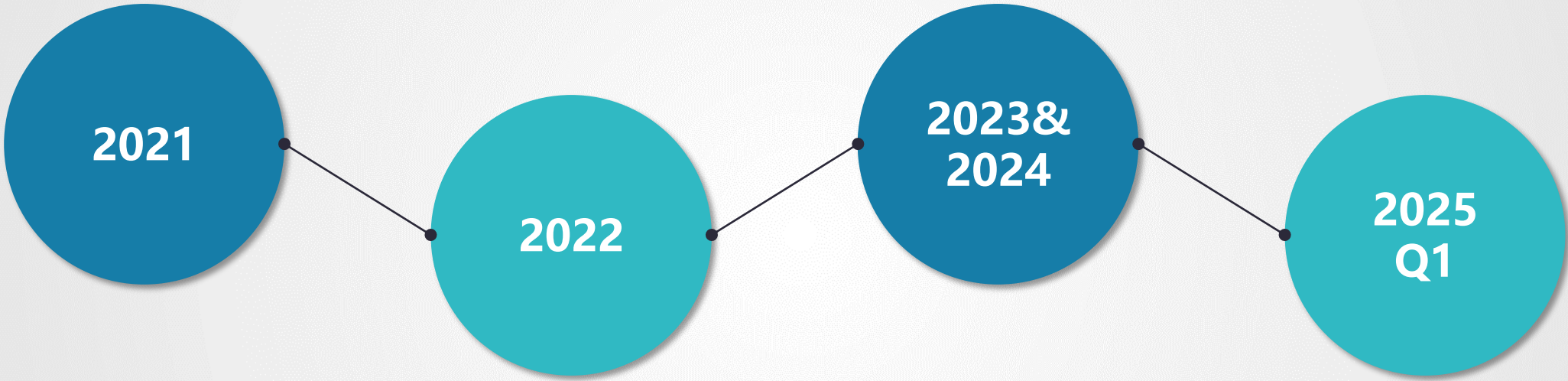
FS-Tech | CVC | Dixon-IN | FH-IN

Chunhe (Viet Nam) Automation Technology Co., Ltd

01 About us

Chunhe development in Viet Nam





Setup office

Since 2021, setup office as a branch of Chunhe (Shenzhen) Automation, is professional at equipment setup, retrofit and line setup etc.

Establish OSS team

Initial stage with 1PM and 5x general FAE made, provide OM factory line followup.
Focus service for CVC.

OSS Team Expansion

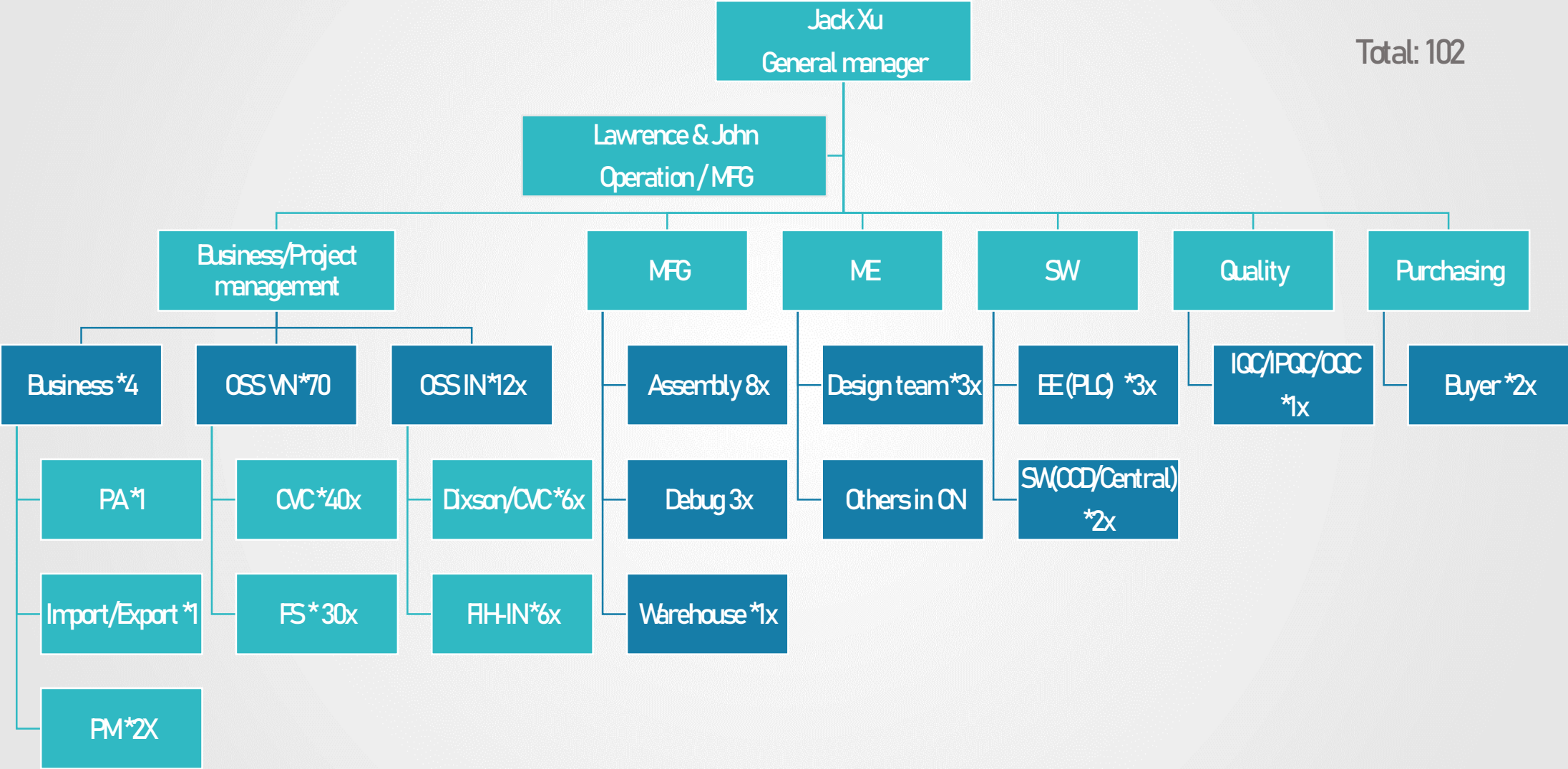
OSS team expanded to 25, with PLC engineer *3x, FAE*21x, and PM*1 for CVC and PS OM factory service, and IN support started..

OSS & Manufacturing

OSS team estimate more than 80+;
Invested factory of 1200 square meters to support local design, assembly, debug and trial run business.



CNC VN company O-Chart



Remark: Financial and HR shared Shenzhen head quarter's resources

Chunhe (Viet Nam) Automation Technology Co., Ltd

02 Chunhe CNC

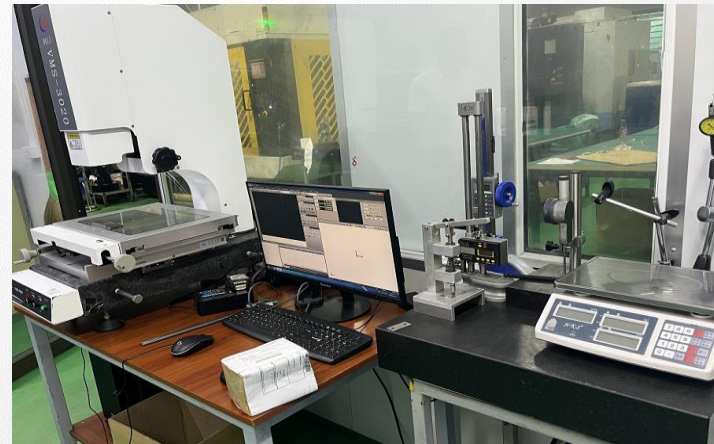
Invested partner and Other helpful vendors













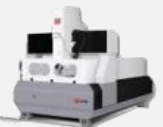
THANH DUNG CNC & Other three partners
20+ CNC, Milling, Sheet metal forming etc,
1hr to Chunhe branch.

Chunhe invested company, stock hold 30% partner | Other CNC suppliers of: DBH & TNT & Smart Tech Vietnam Co.,Ltd all near Chunhe branch about 1 hour drive.



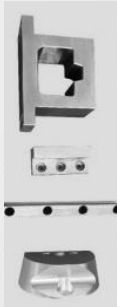
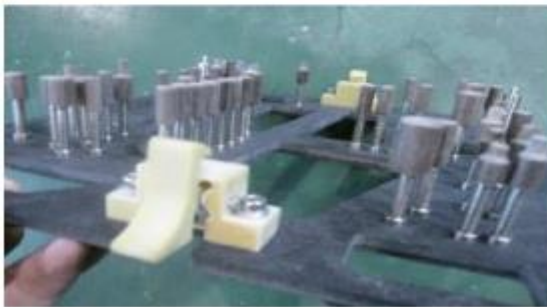


Chunhe invested CNC partner intro – EQ list (20+)

No.	Pic	Qty	Description	Accuracy/mm	Output/daily(10 hours)	Remark
1		6	Small Milling Machine	0.02	30	For conveyer, fixture, jig, blockers etc
2		4	Middle Milling Machine	0.02	20	For structure level, machine/conveyers, standing bars, module/robot's mounting base
3		2	Grinding Machine	0.005	100	For surface planeness treatment, like main board, mounting base surface etc.
4		1	Grinding Machine	0.005	100	For CNC small parts surface treatment
5		2	Small lathe machine	0.02	100	For mounting drilling/peeling etc.
6		2	Large lathe machine	0.02	20	For mounting drilling/peeling etc.
7		1	Cutting machine	0.02	30	Form fabrication cutting handling
8		1	2D inspection	0.001	150	For parts length, width, diameters etc checking
9		1	Large grinding machine	0.1	10-20	For mainboard level surface treatment (mainboard with deformation)



Chunhe invested CNC partner intro – Produced products



Chunhe (Viet Nam) Automation Technology Co., Ltd

03 Chunhe Branch

MFG & Business & Debug & OSS





Chunhe branch factory intro – Overview



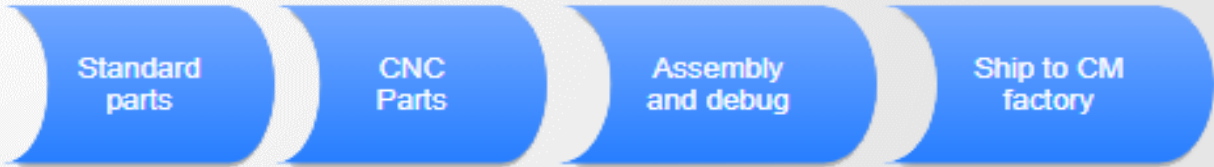
Chunhe Viet Nam business scopes:

- 1.CNC processing,,
- 2.Machine assembly,
- 3.Machine debug,
- 4.Machine trial run,
- 5.Import and export EQs,
- 6.Conducting experiments.

- 1, From CN
- 2, Local purchase

- 1, Chunhe CNC fabrication
- 2, From local partners

- 1, CN send engineer to VN to support



Chunhe invested branch factory, 1200+ square meters:

Assembly | Fine tune | ME design | Purchasing | FAE Conducting experiments, Trial run etc.

Helpful CNC partners around Chunhe are:

- 1.DEH Vietnam Co.,Ltd
- 2.TNT Vietnam Co.,Ltd
- 3.THANHDUNG CNC Co.,Ltd
- 4.Smart Tech Co.,Ltd

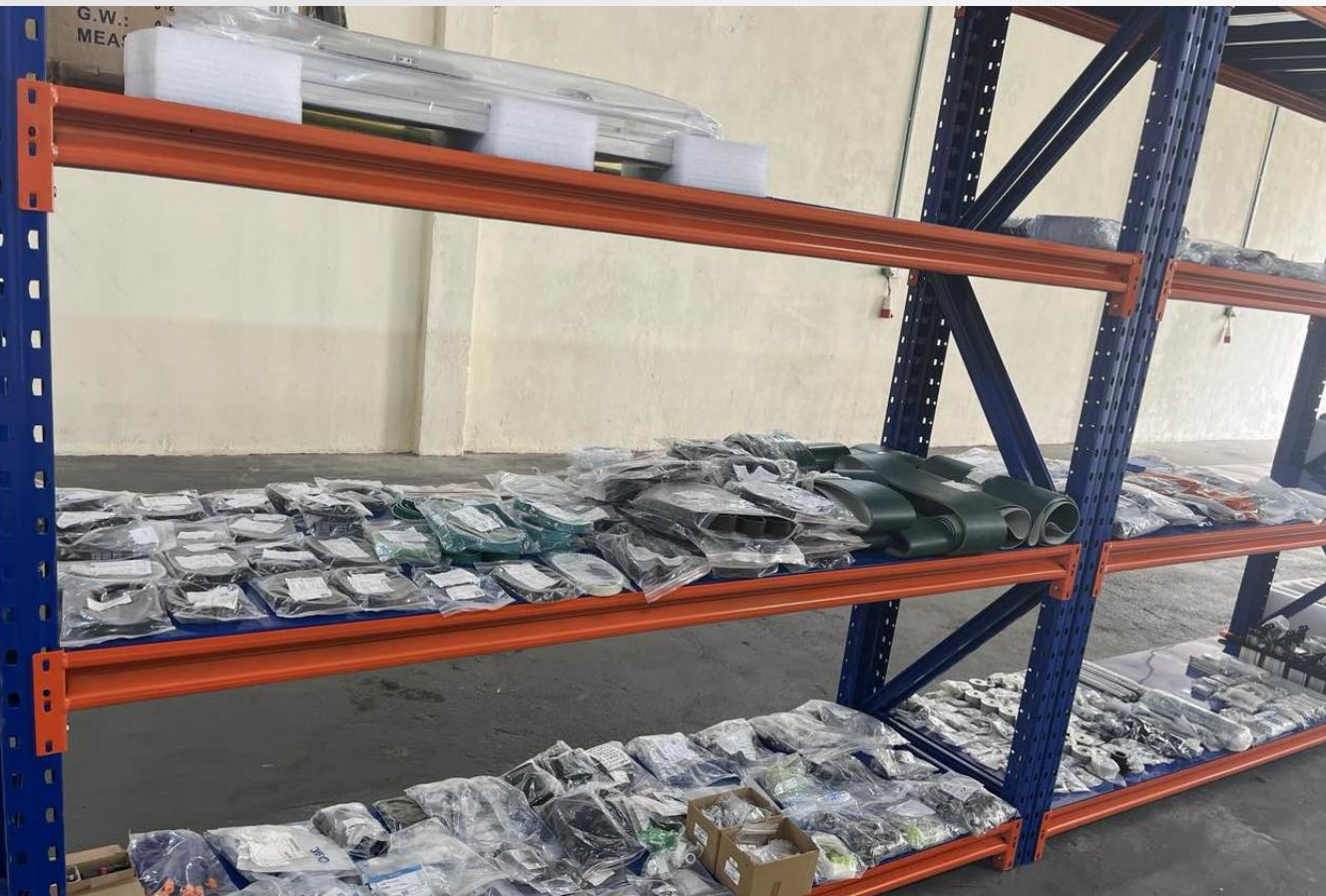
Workshop | Debug | Trial run | 450m²



Pre-assembly | Electrical relation | Modulize | 200m²



Standard parts pre imported



Spare parts etc



Warehouse and Quality control



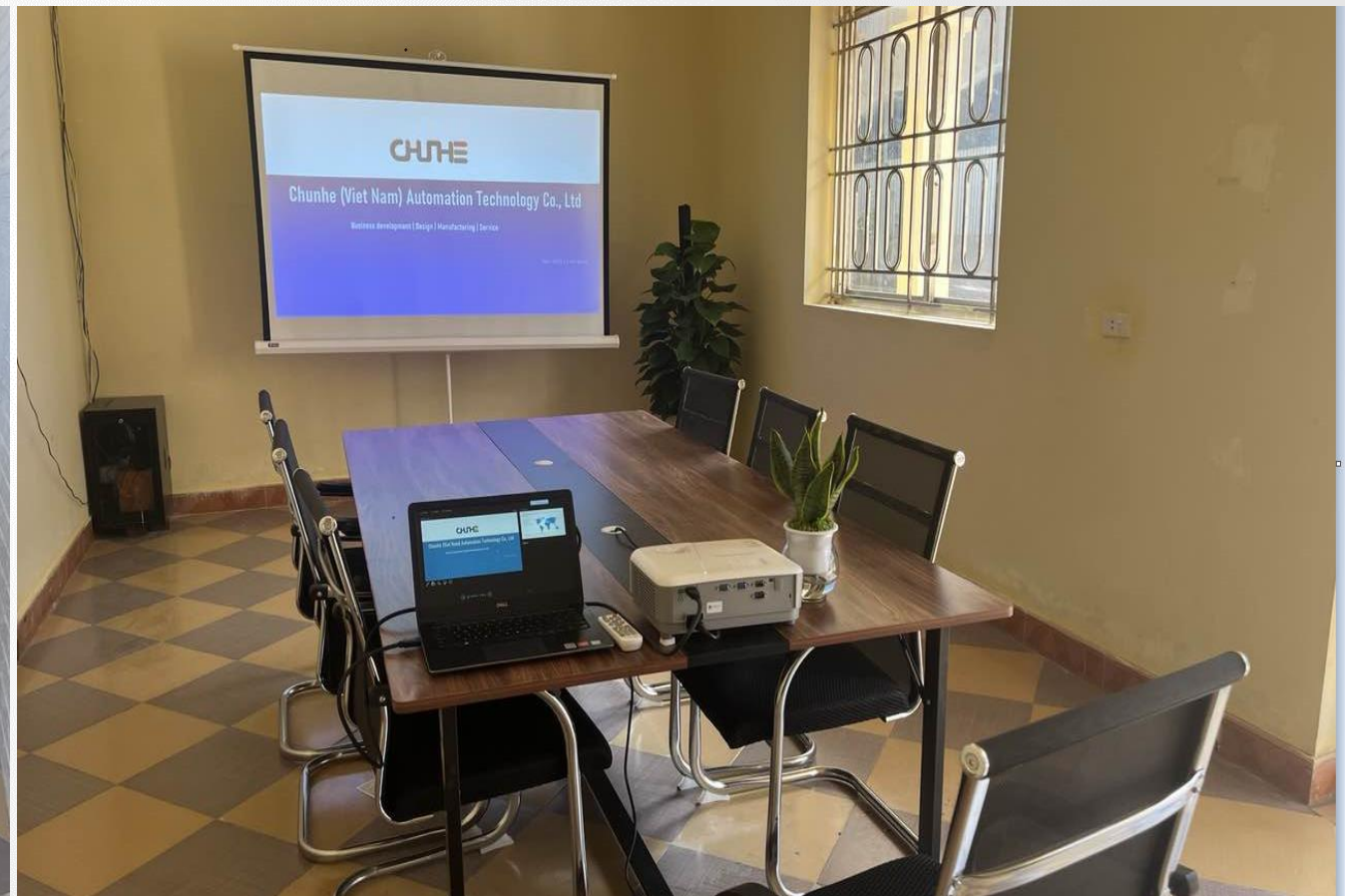
Reception room



Office room | Engineering design | Admin



Meeting room





Planned Branch Business Progress:





Chunhe branch factory intro – Department arrangements

Initial stage team member arrangements:

Challenges

Items	Description	Arrangement	Duration of CNteam support	Cost up	Remarks
Staffs & Engineering	MFG team	1)MFG supervisor -1x CN 2) FAE -2x CN Others from local recruiting.	1 Year	CN employees traveling expenses	
	Purchasing team	Buyer - 1x CN Pricing engineer -1x CN	1 Year		
	Quality team	IQC, IPQC, OQC Engineer -1x CN	1 Year		
	Software Engineering team	PLC & SW& COD & Robot engineers, Rich experienced PLC engner - 1x CN	1 Year		
	ME design team	DFM & design, 1x Leader from CN	1 Year		
PM	Project management	FS CM -1x CN (Stay in local) CVC -1x CN (Periodical/ By demand)	1 Year		



Chunhe branch factory intro – Material purchasing

Standard parts are most purchasing from CN Machined parts plan use local fabrication.

Challenges

Items	Desc	Pur in VN/CN	L/T	Cost up	L/T longer
Machined Parts	CNC parts, Sheet metal forming, Leaser cutting etc.	VN	4wk	CNC parts 27 time more than CN Sheet Metal forming: 3.5 time more than CN	1wk (CN1-2wk) a, Communication, b, Facility capabilities limitation.
Standard parts	Robot-Epson/Innovance	VN	5wk	N/A	2wk
	Cylinder, Servomotor, Liner module, Liner motor, sensor, CCD, lense, controller etc.	CN	3.5~4wk (CNpur – 2wk & Customs Doc 0.5~1wk & Ship to VN– 1wk)	1) Labor cost for parts' Customs Docs preparation, 2) Transport parts to VN 3) VNImporting Duty.	1~2WK (It depends on Qty of parts)

Information:

Chunhe recent developed several standard part supplier in VNlocal, they are will be as backup solution if CHsending parts be blocked by customs, they are company names of: DER TECHNOLOGY CO., LTD, Bac Nnh | JINGPENG, Bac Nnh | WODUNElectr, Bac Nnh...

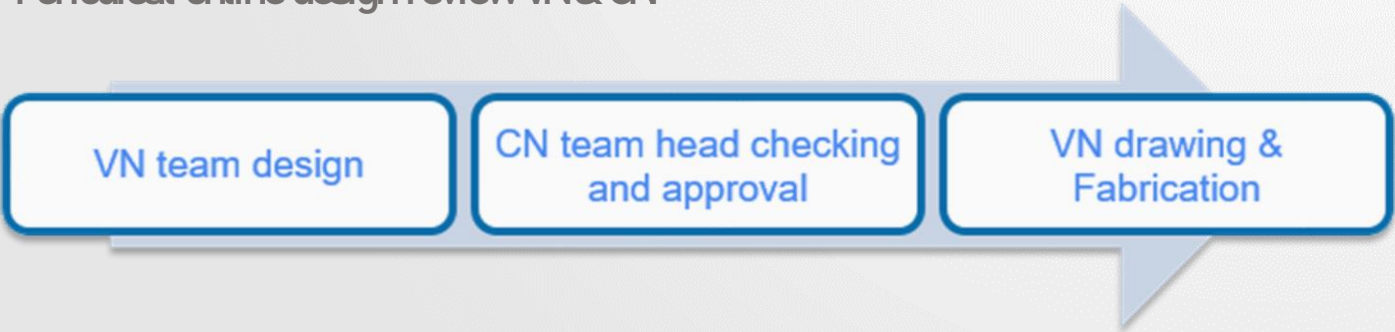


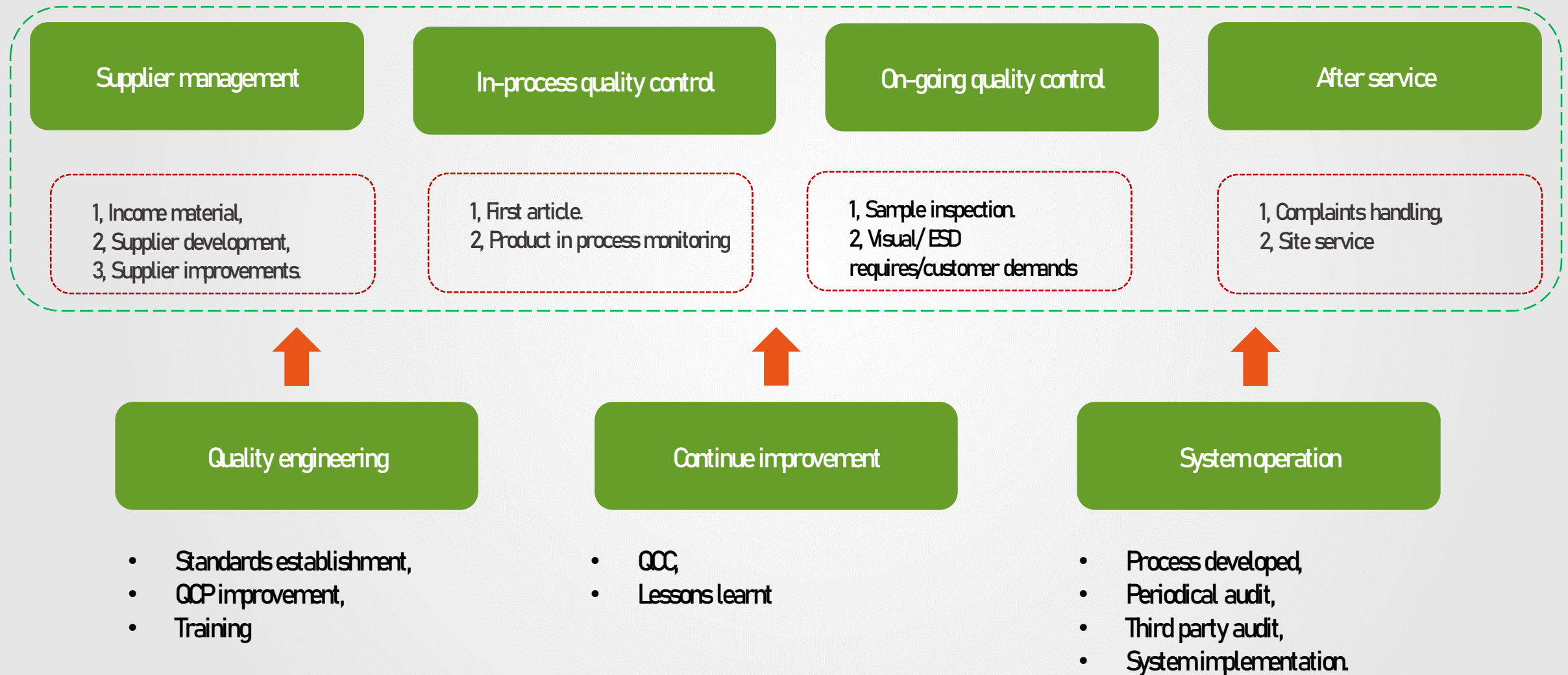
Chunhe branch factory intro – Engineering teaminitializing

Initial stage branch engineering team setup:

Department/Role	Qty of Engineers	Scopes	Remark information	Experience requirement	Occupation rate of Engineering
ME Engineer	3	DFM& design	1x Leader from CN to support 1 year/English	5 year +	37.5%
Electrical Engineer	3	Drawing and fine tune	1x Leader from CN to support 1 year/English	2 year +	37.5%
Software Engineer	2	Drawing and fine tune	1x Leader from CN to support 1 year/English	2 year+	25%

Periodical online design review VN& CN





Chunhe (Viet Nam) Automation Technology Co., Ltd

04 Achievements

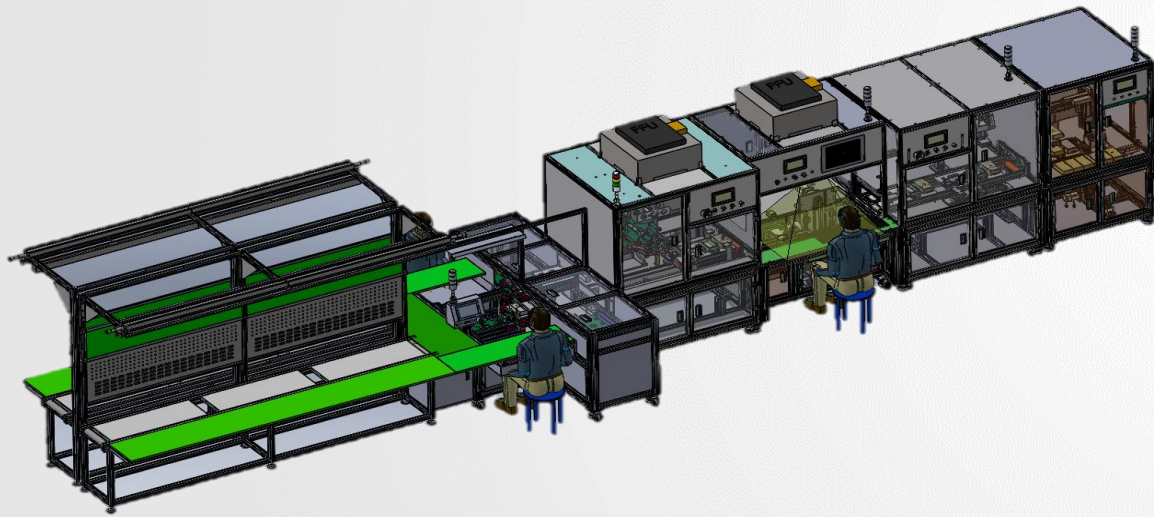
FS-Tech | CVC | Dixon-IN | RH-IN



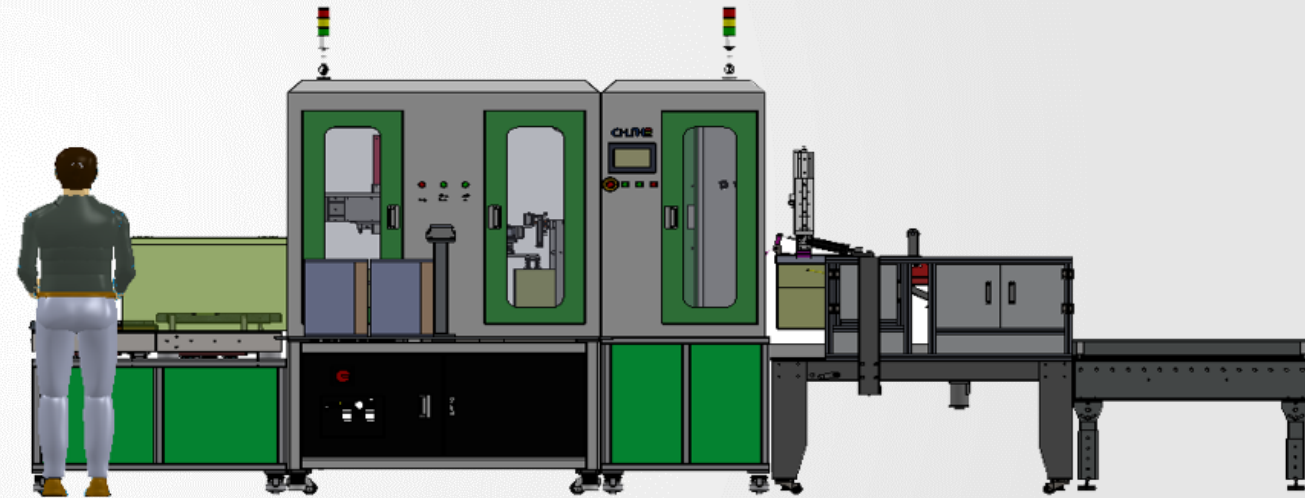
Support CMfactory automation line/equipment experience: (Since 2020)

- OG Die Out parts alignment line of B5/S5 -> 5 Lines - 2020
- Accessory Pick & Place Line of B3/L10 -> 5 Lines - 2022
- Semi Auto line of B5/B9 -> 6 Lines - 2020
- Full Auto Line of AK3 -> 1 Lines - 2023
- Carton Semi-Auto line B3/L10 -> 3 Lines - 2022
- Carton Auto line AK3 -> 1 line - 2023
- Manual line P10 -> 1 line - 2022
- Manual line HB3/HK3 -> 2 line

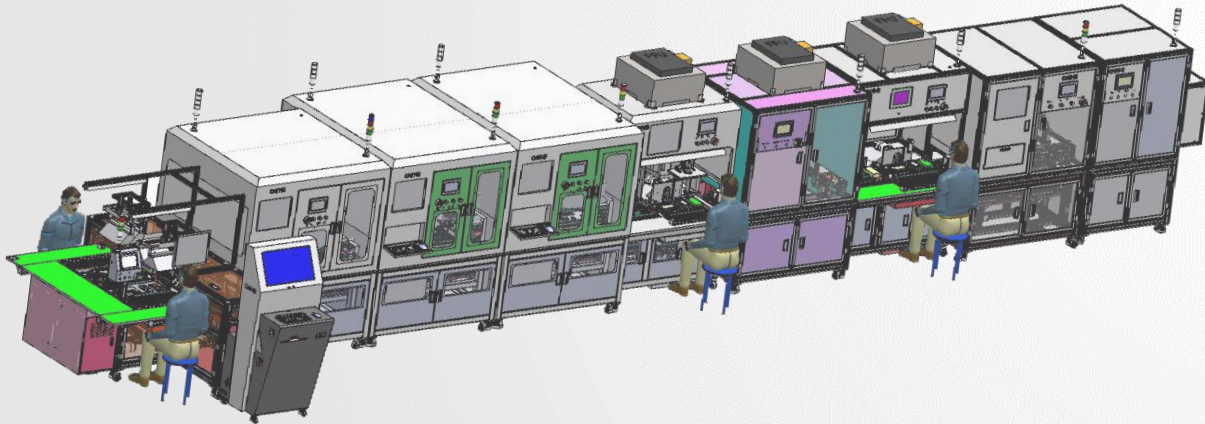
For B5/B9/B3 | 7 Lines | 2020 ~2022 | Sim-Auto packing line



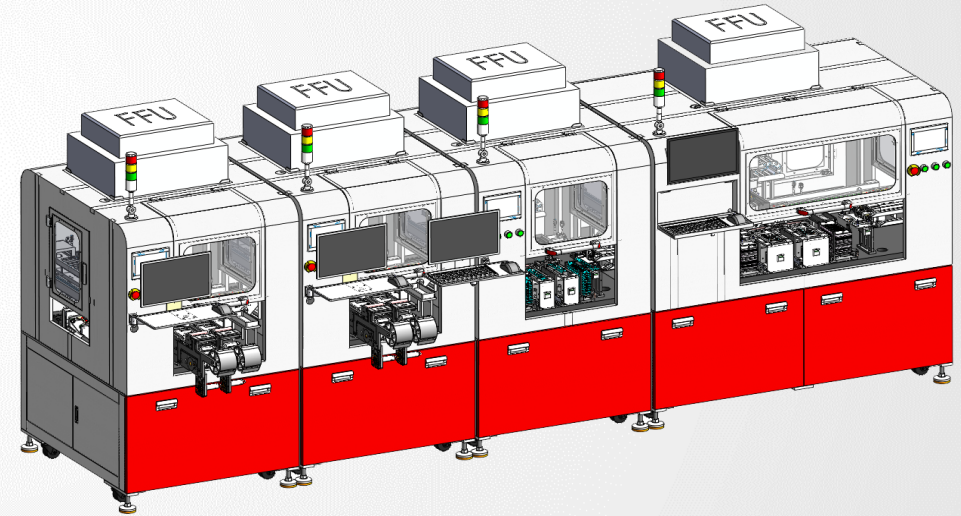
For B3/B9 | 3 Lines | 2021 ~2022 | Semi-Auto carton packing



For B9/L10/AK3 | 7 Lines | 2021 ~2023 |
Automation packing line



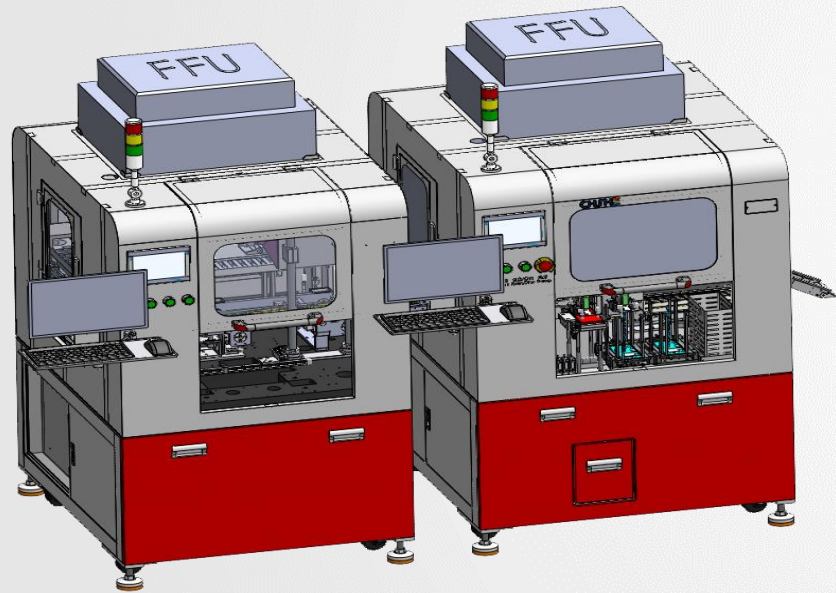
For B5/S5 | 5 Lines | 2019~2020 | Accessory attaching line



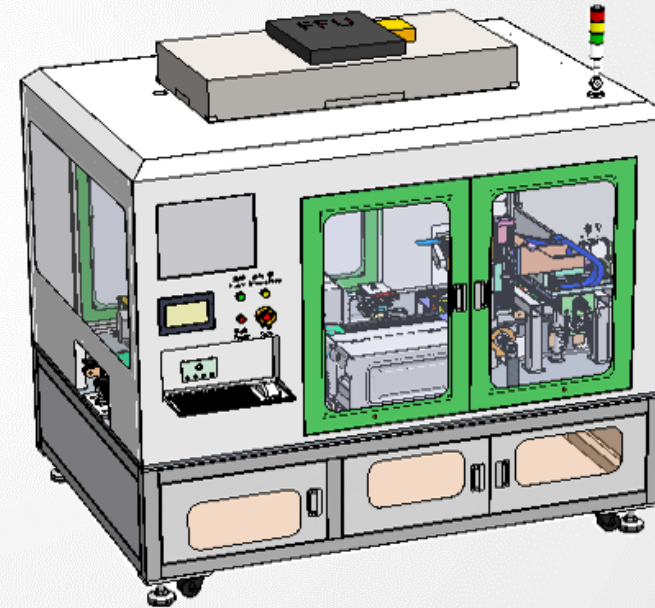


Chunhe branch intro – Achievements (Setup/Fine tune/Line follow up)

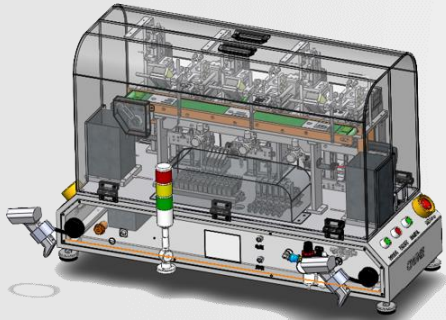
For For AK3 | 1 Lines | 2022 ~2023 | PSA Alignment



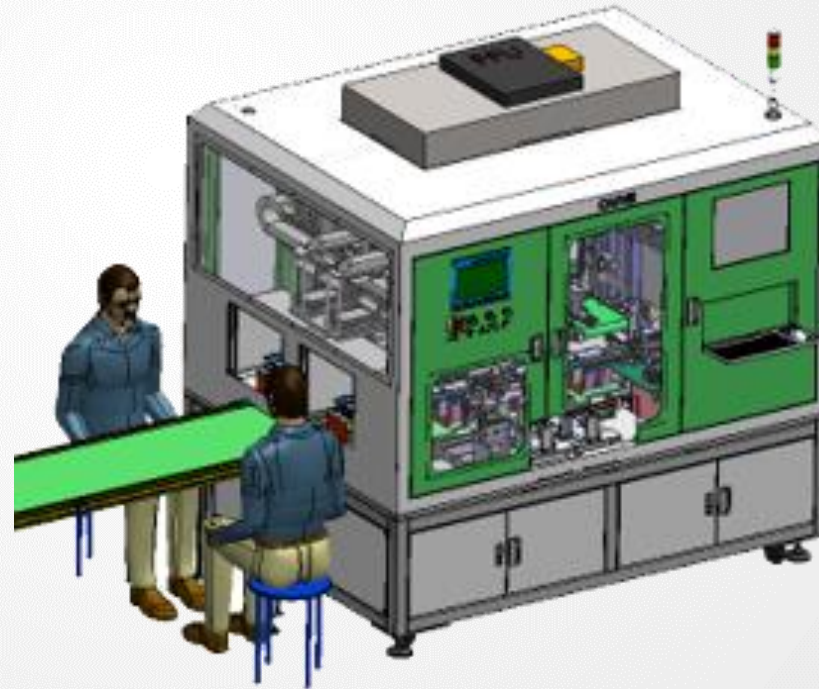
For SB3/HK3 | 2 Lines | 2023 | BOB machine



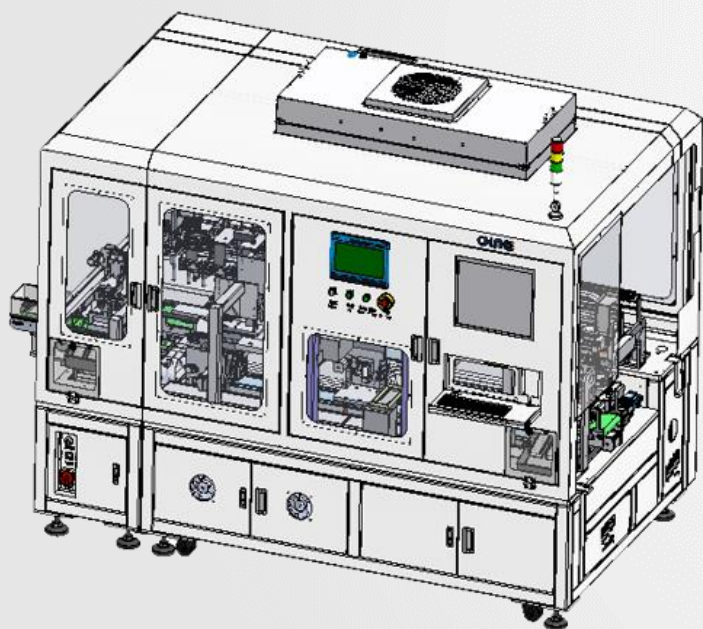
For L10/AK3 | 8x | 2022 ~2023 | Sim-Card cutting



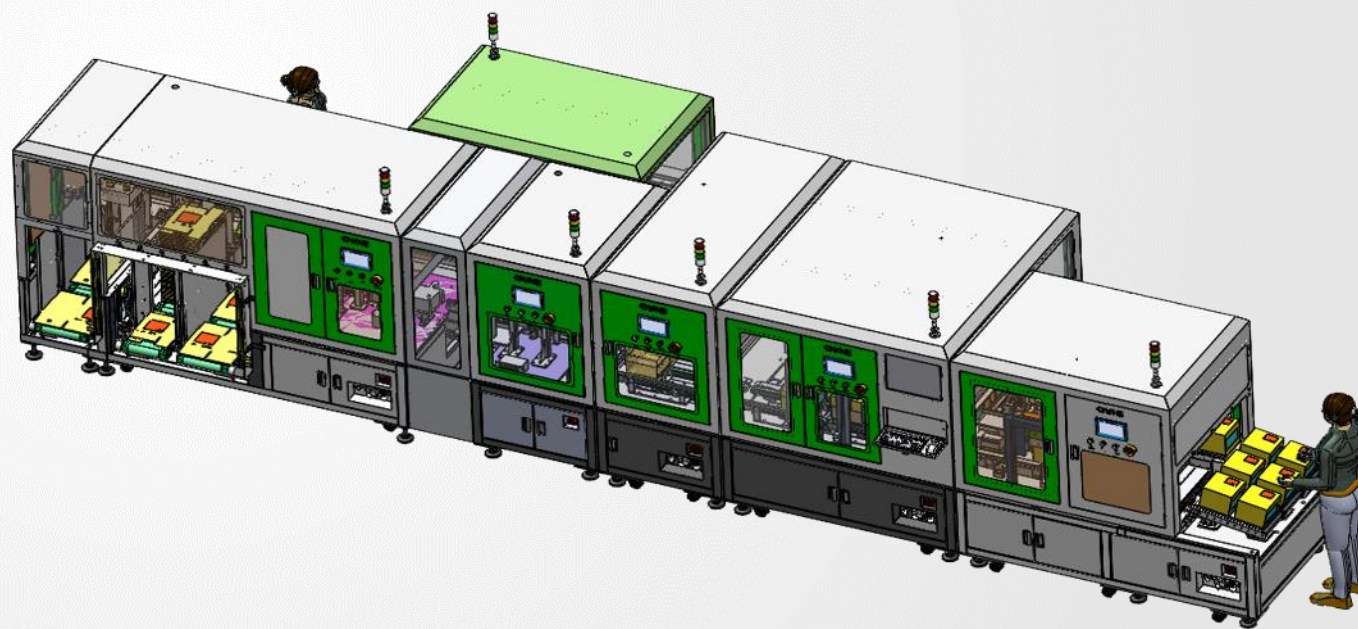
For TG4/STA5 2024 | Device Wrapping Machine



For STA5/FL5/EZ5/MT5 | 2024~2025 | DPS

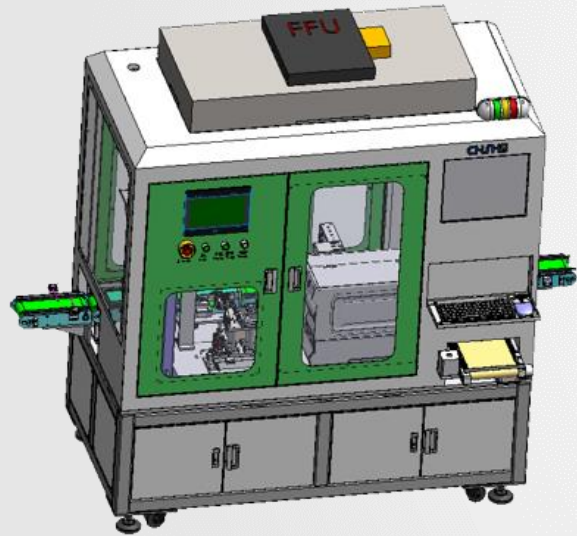


For AK3 2023 | Automation carton packing line





For TK4 | 2023 | RAP3.0



The future, more and more...

Questions & Suggestions mail to: jonh.tran@chhant.com

