



SMART BEE BOX

SmartBeeBox TW series

High Precision (0.1g)
Accurate Statistics
Easy Inventory Accounting

smartbeebox.com

SHENZHEN DANFOO TECHNOLOGY CO.LTD





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About Us



Company Introduction

Shenzhen Danfoo Technology Co., Ltd. (SmartBee) was established in 2015 and is a technology-driven enterprise focused on providing digital solutions for the machining industry.

Headquartered in Shenzhen, it has a subsidiary in Suzhou and offices in Ningbo, Qingdao, Xiamen, Xi'an, Zhengzhou, Weihai, Tianjin, Jinan, and the Sichuan-Chongqing region.

Smart cabinet series are hot-selling in over 30 countries and regions worldwide.

SmartBeeBox—Automated management of cutting tools, tools, and materials saves labor, costs, and effort;

SmartBee Machinery Cloud—Networked machines and cloud-based workshop management enhance equipment utilization;

SmartBee MES—Transparent and visualized work order progress management;

SmartBee Digital Warehouse—Intelligent requisition and digital replenishment.

Team Introduction



Liang Yi

Operation Director

Huawei supply chain expert(10 years)
Huawei(Brasil) ERP launching team head



Wang Xuejun

Solution Director

Tsinghua Univ. Bachelor
Chief Engineer of Dahe Machine
VP of LG MAZAK
30 years machinery industry experience



Chen Yan

**GM, Product manager,
Sales director**

Jilin Univ. Bachelor
Tsinghua Univ. Master
Huawei product manager
12 years sales experience
IT+ Machinery background



Huang Hua

R&D Director

Former Huawei R&D manager(7 years)
heading development team of 100+ people in Huawei



Zhao Jinglong

VGM, Product manager

Tsinghua Univ. Bachelor
Paris Institute of Technology Master
TUS HOLDING product manager
6 years SME solution design experience



Weighing Cabinet

TW series

Designed for machining plants to manage tools/consumables

Minimum Verification Graduation (Vmin): 0.1g

24-hour unattended

Quick borrow and clear records

Tool positioning and tracing

One click export of statistical reports



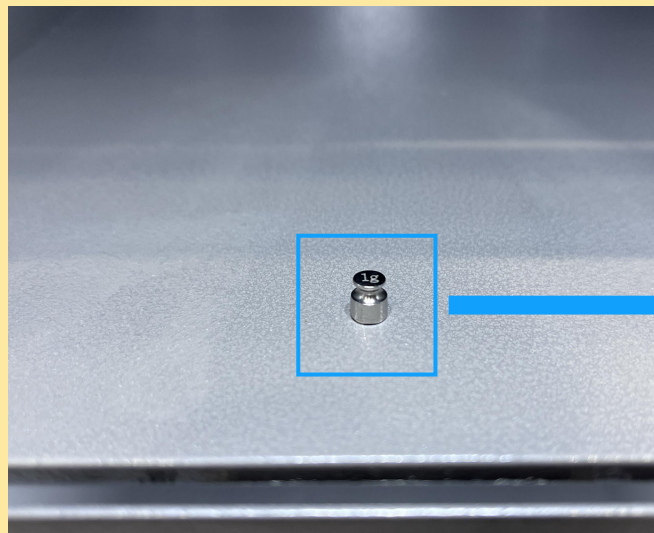
High Precision, Efficient Inventory Accounting

High Precision Weighing Unit

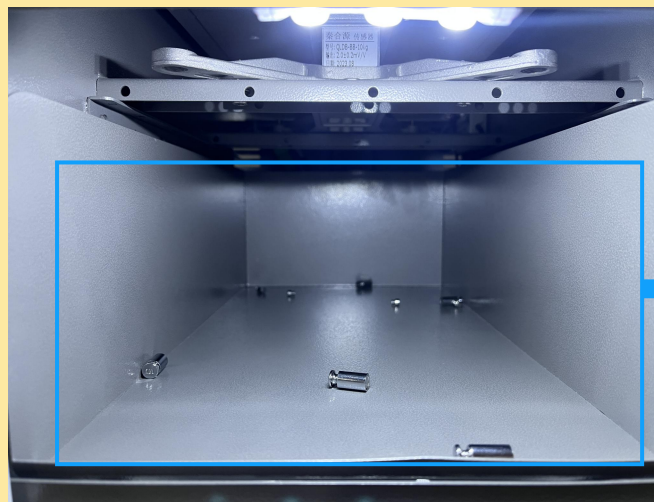
Can measure as light as 0.1g!

Accurately weighs even with cluttered placement

After opening the cabinet, the system calculates the quantity of tools/consumables based on the change in weight, enabling digital management of tools/consumables such as fasteners, bearings, conveyors, and couplings.

A screenshot of a mobile application interface titled 'modify'. It contains a text prompt: 'Please add some materials and fill in the quantity. The system will automatically calculate the weight of single materials'. Below this are three input fields: 'Total weight' with the value '1g', 'Total quantity' with the value '1', and 'Unit weight' with the value '1g'. At the bottom, there are 'cancel' and 'confirm' buttons. A red line of text at the very bottom states: 'After confirmation, the system will save the unit weight of the material'.

Field	Value
Total weight	1g
Total quantity	1
Unit weight	1g

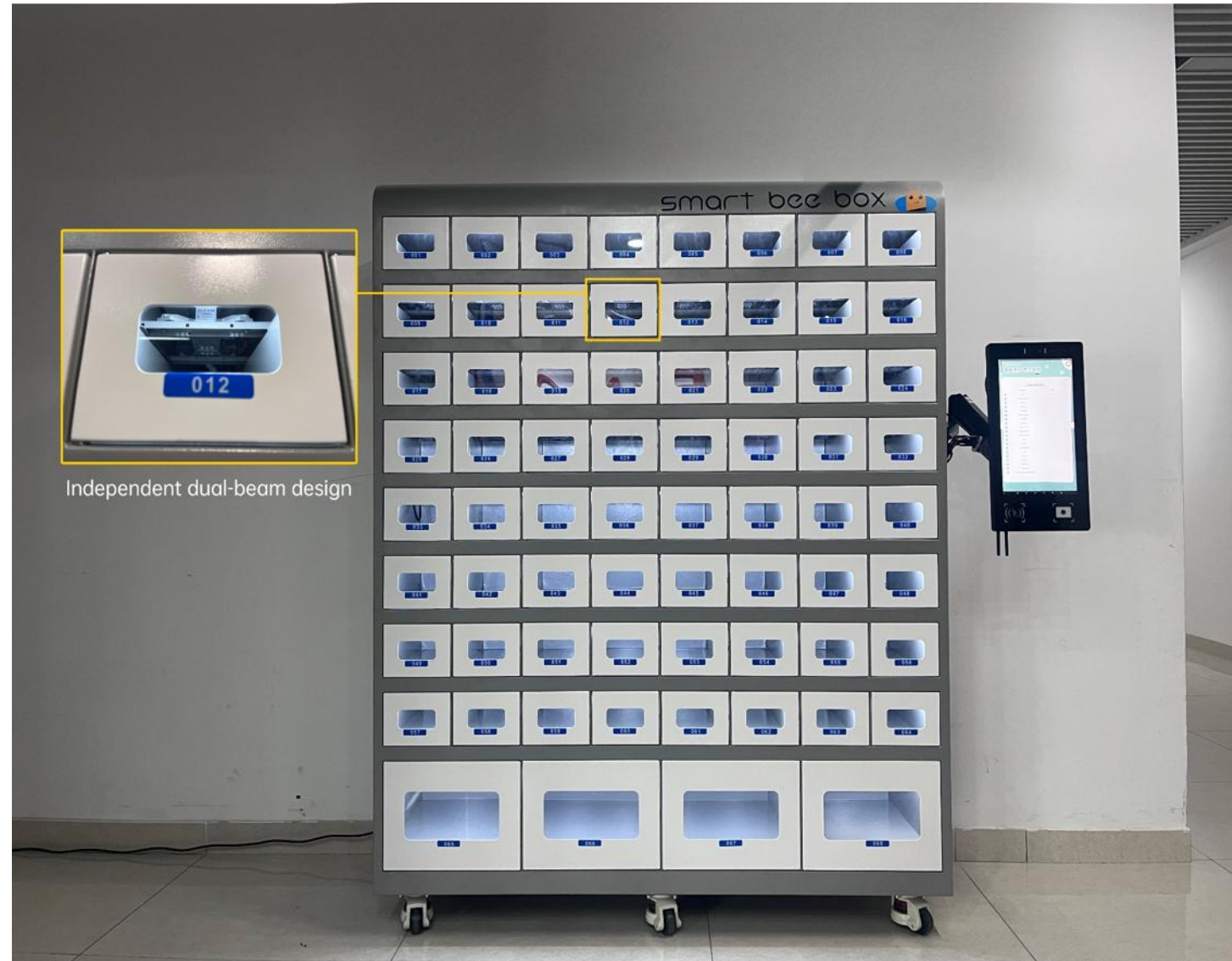
A screenshot of the same mobile application interface, now showing updated values. The 'Total weight' field displays '40g', the 'Total quantity' field displays '8', and the 'Unit weight' field displays '5g'. The 'cancel' and 'confirm' buttons remain at the bottom, along with the same red text at the bottom: 'After confirmation, the system will save the unit weight of the material'.

Field	Value
Total weight	40g
Total quantity	8
Unit weight	5g

High Precision, Efficient Inventory Accounting

Hidden Weighing Unit

Independent dual-beam design
for more precise weighing.



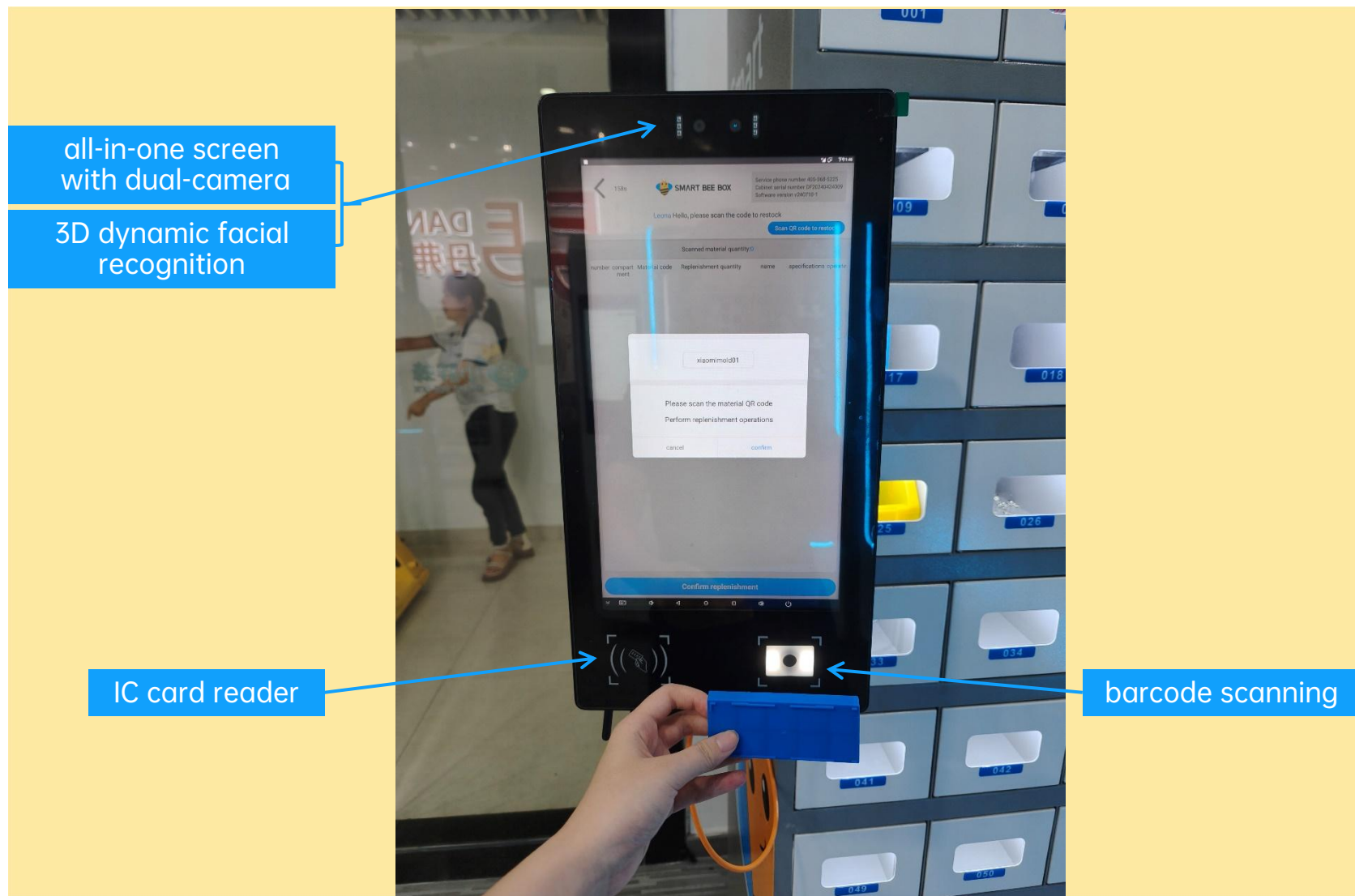
High Precision, Efficient Inventory Accounting

Integrated Display

15.6-inch all-in-one screen with dual-camera,

3D dynamic facial recognition,

barcode scanning, and IC card reader.



Less Labor-- SmartBeeBox Model TW

24-hour Unattended

The workload of Administrator can be reduced by more than 60%, which originally required three people to complete, reduce to 1 person.



Less Labor-- SmartBeeBox Model T

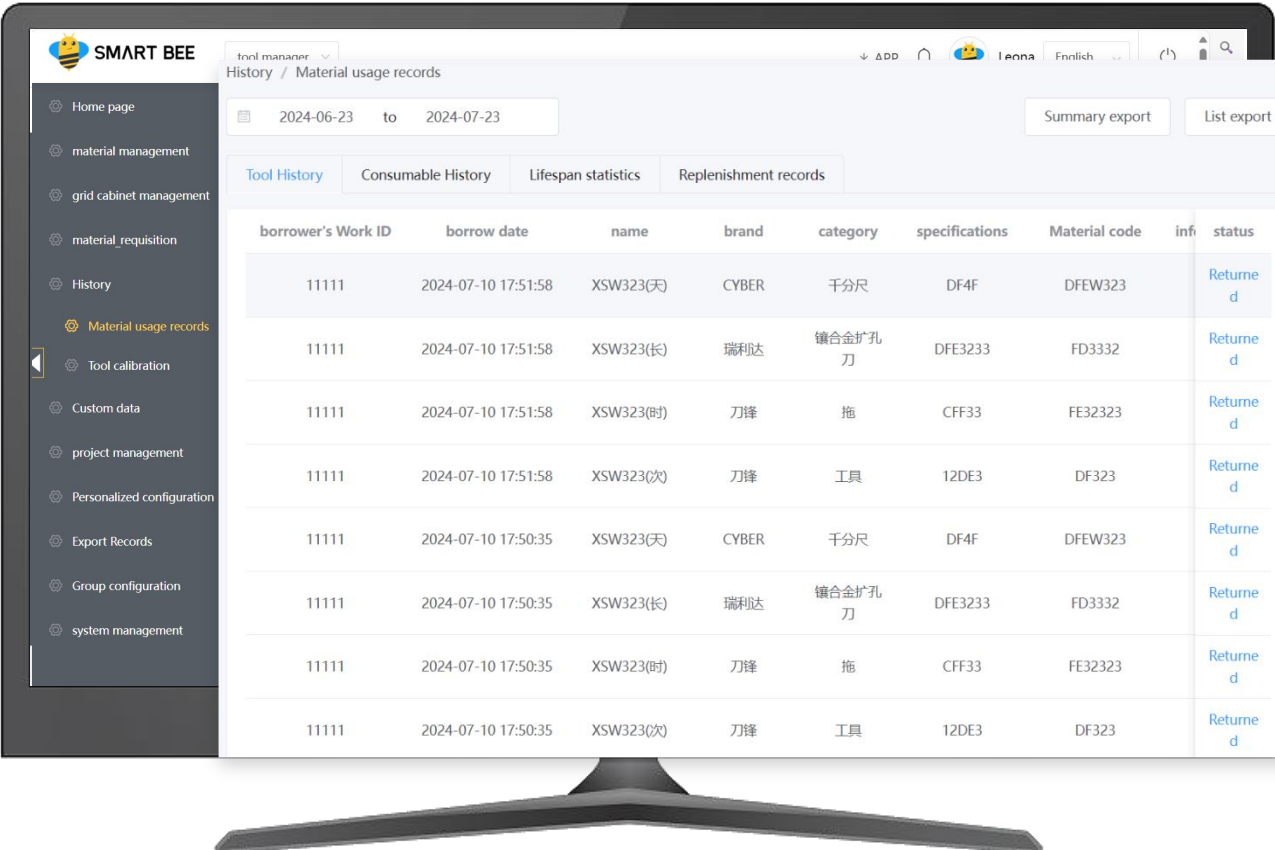
Quick Borrow and Clear Records

Traditional management:

- Writing takes 30 seconds per time;
- Frequent manual record is troublesome, records are missing sometime, sizes mismatched happens.

SmartBeeBox Model T:

- Tool borrow and return complete in 5 seconds, with automatic statistics and records;
- Automatic recording, traceable query of the corresponding tool requisition
- Real time generation of borrow and return information, searchable and not subject to human modification



borrower's Work ID	borrow date	name	brand	category	specifications	Material code	info	status
11111	2024-07-10 17:51:58	XSW323(天)	CYBER	千分尺	DF4F	DFEW323		Return d
11111	2024-07-10 17:51:58	XSW323(长)	瑞利达	镶嵌金扩孔刀	DFE3233	FD3332		Return d
11111	2024-07-10 17:51:58	XSW323(时)	刀锋	拖	CFF33	FE32323		Return d
11111	2024-07-10 17:51:58	XSW323(次)	刀锋	工具	12DE3	DF323		Return d
11111	2024-07-10 17:50:35	XSW323(天)	CYBER	千分尺	DF4F	DFEW323		Return d
11111	2024-07-10 17:50:35	XSW323(长)	瑞利达	镶嵌金扩孔刀	DFE3233	FD3332		Return d
11111	2024-07-10 17:50:35	XSW323(时)	刀锋	拖	CFF33	FE32323		Return d
11111	2024-07-10 17:50:35	XSW323(次)	刀锋	工具	12DE3	DF323		Return d

Less Labor-- SmartBeeBox Model T

Tool Positioning and Tracing

Traditional management:

- Inventory accounting is time-consuming and laborious;
- Handwritten records are difficult to find the tools when stored in multiple locations. Chaotic storage, frequent errors in inventory, and discrepancies between records and reality;
- The workshop is filled with stagnant tools, which is difficult to clean and cannot be traced. It is also unclear how long it has been stored.

SmartBeeBox Model TW :

- One grid, one type of tool, each tool is safe, easy accounting;
- Real time updates of records and in-place inventory, 100% accurate;
- Quickly locate borrowed tools and materials, trace them back to the responsible person, make the factory cleaner, and easily achieve 5S management



Auto-Report-- SmartBeeBox Model T

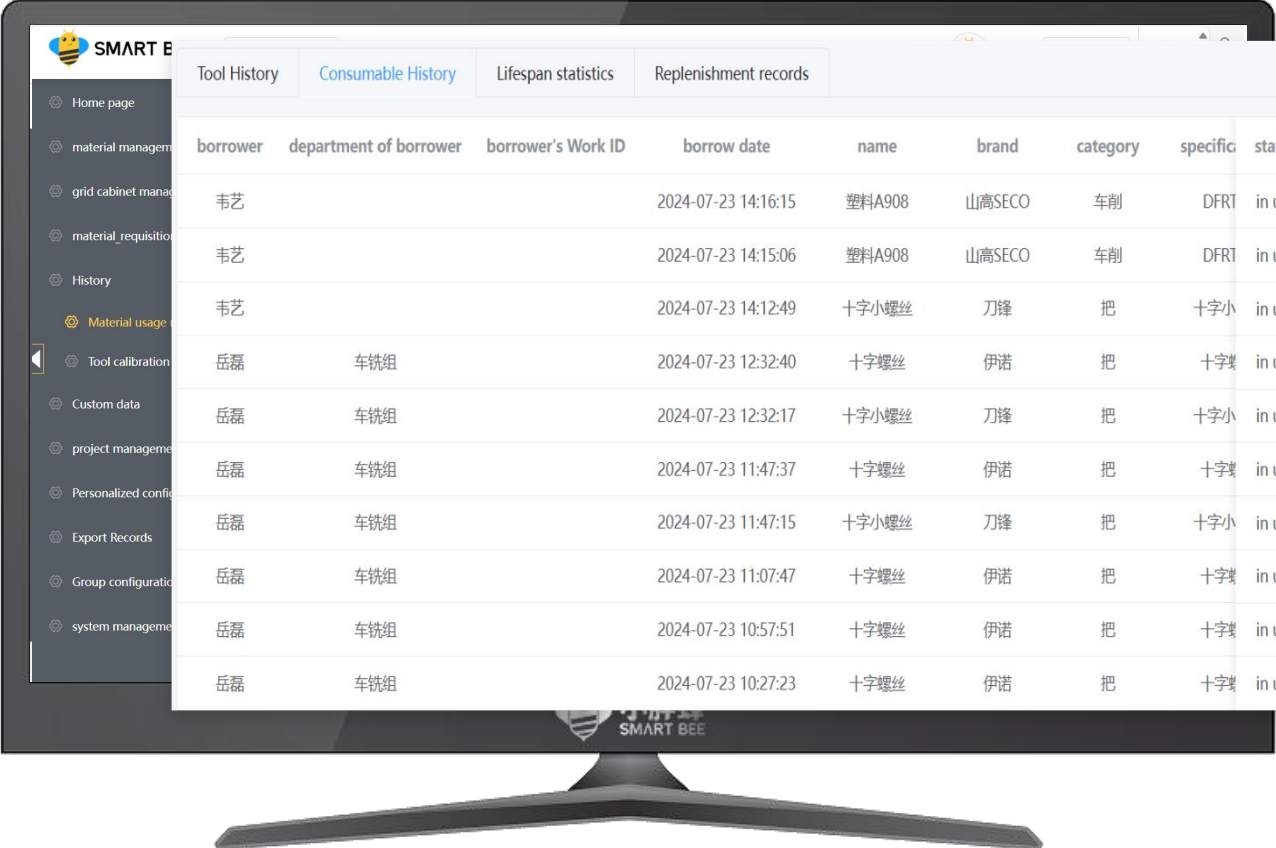
One Click Export Cost Report

Traditional management:

- The monthly statistical report takes a long time, the data is inaccurate, and data is delayed;
- Manual record and Excel search was time-consuming and laborious.

SmartBeeBox Model TW :

- Automatically generate reports, making procurement, verification, and scrap costs clear at a glance;
- Significantly improved borrow efficiency and reduced report generation time.



borrower	department of borrower	borrower's Work ID	borrow date	name	brand	category	specific	status
韦艺			2024-07-23 14:16:15	塑料A908	山高SECO	车削	DFRT	in use
韦艺			2024-07-23 14:15:06	塑料A908	山高SECO	车削	DFRT	in use
韦艺			2024-07-23 14:12:49	十字小螺丝	刀锋	把	十字小	in use
岳磊	车铣组		2024-07-23 12:32:40	十字螺丝	伊诺	把	十字螺	in use
岳磊	车铣组		2024-07-23 12:32:17	十字小螺丝	刀锋	把	十字小	in use
岳磊	车铣组		2024-07-23 11:47:37	十字螺丝	伊诺	把	十字螺	in use
岳磊	车铣组		2024-07-23 11:47:15	十字小螺丝	刀锋	把	十字小	in use
岳磊	车铣组		2024-07-23 11:07:47	十字螺丝	伊诺	把	十字螺	in use
岳磊	车铣组		2024-07-23 10:57:51	十字螺丝	伊诺	把	十字螺	in use
岳磊	车铣组		2024-07-23 10:27:23	十字螺丝	伊诺	把	十字螺	in use

Save Cost-- SmartBeeBox Model T

- ✓ Save labor costs
- ✓ No tool loss and reduce factory management costs

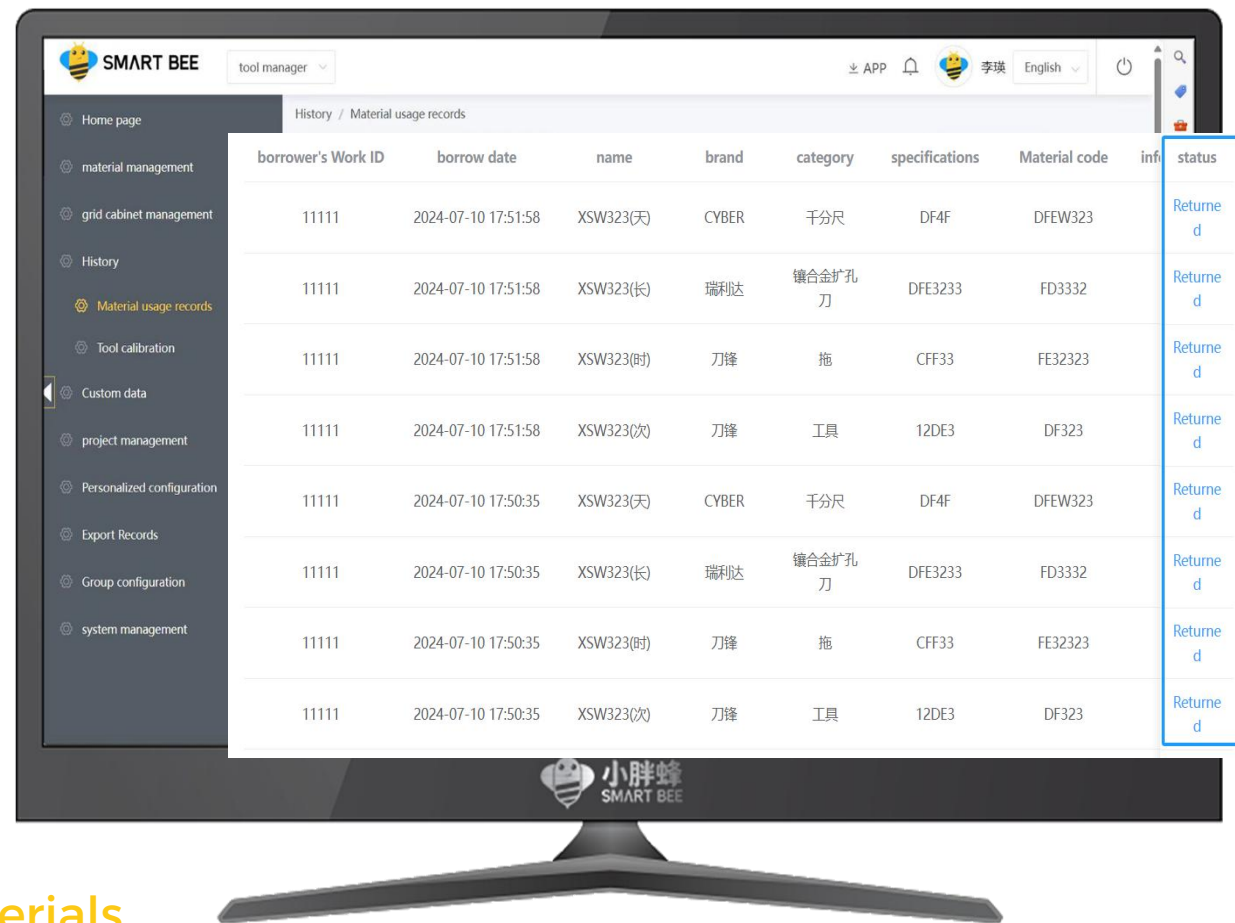
Traditional management:

- Forgetting to return, difficult to trace, often lost;
- Tools missing in each accounting, with losses ranging from 50,000 to 100,000 CNY

SmartBeeBox Model T :

- Borrow&Return records are traceable, and the abnormal loss rate of tools is as low as 0;
- Record detailed time, personnel, and other binding content to prevent disputes;
- Can set reminders for overdue borrowing to improve tool utilization

- ✓ Achieve refined management of tools and materials, reduce capital occupation



Features

Project/Work Order Binding Material List

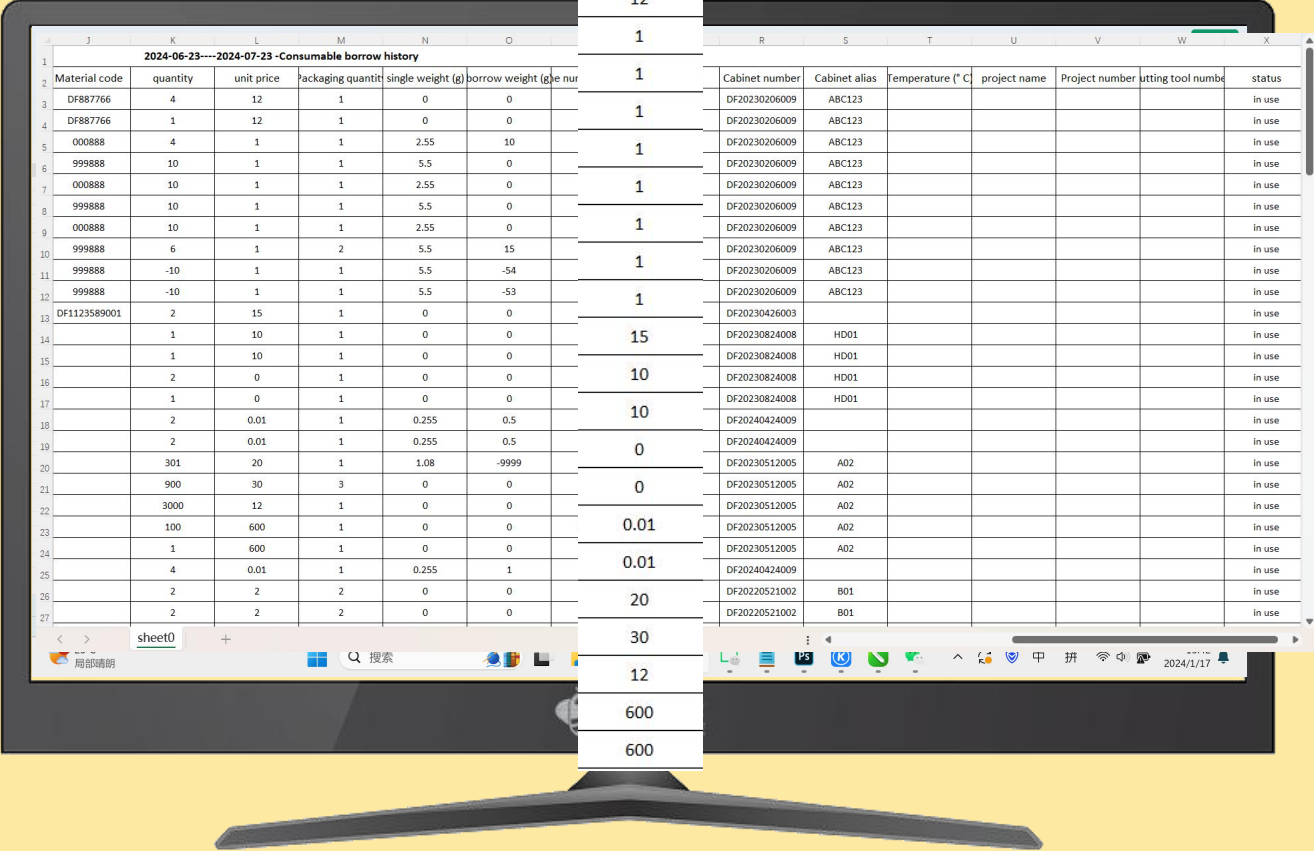
Easily manage consumables used for each project, making production project management clear at a glance.



Features

Project Management

One-click export of consumable costs used in specific projects, making cost accounting simpler and more accurate



2024-06-23---2024-07-23 Consumable borrow history					
Material code	quantity	unit price	packaging quantity	single weight (g)	borrow weight (g)
DF887766	4	12	1	0	0
DF887766	1	12	1	0	0
000888	4	1	1	2.55	10
999888	10	1	1	5.5	0
000888	10	1	1	2.55	0
999888	10	1	1	5.5	0
000888	10	1	1	2.55	0
999888	6	1	2	5.5	15
999888	-10	1	1	5.5	-54
999888	-10	1	1	5.5	-53
DF1123589001	2	15	1	0	0
	1	10	1	0	0
	1	10	1	0	0
	2	0	1	0	0
	1	0	1	0	0
	2	0.01	1	0.255	0.5
	2	0.01	1	0.255	0.5
	301	20	1	1.08	-9999
	900	30	3	0	0
	3000	12	1	0	0
	100	600	1	0	0
	1	600	1	0	0
	4	0.01	1	0.255	1
	2	2	2	0	0
	2	2	2	0	0

unit price
12
12
1
1
1
1
1
1
1
1
1
1
1
15
10
10
0
0
0.01
0.01
20
30
12
600
600

Cabinet number	Cabinet alias	Temperature (°C)	project name	Project number	utting tool number	status
DF20230206009	ABC123					in use
DF20230206009	ABC123					in use
DF20230206009	ABC123					in use
DF20230206009	ABC123					in use
DF20230206009	ABC123					in use
DF20230206009	ABC123					in use
DF20230206009	ABC123					in use
DF20230206009	ABC123					in use
DF20230206009	ABC123					in use
DF20230206009	ABC123					in use
DF20230426003						in use
DF20230824008	HD01					in use
DF20230824008	HD01					in use
DF20230824008	HD01					in use
DF20230824008	HD01					in use
DF20240424009						in use
DF20240424009						in use
DF20230512005	A02					in use
DF20230512005	A02					in use
DF20230512005	A02					in use
DF20230512005	A02					in use
DF20240424009						in use
DF20220521002	B01					in use
DF20220521002	B01					in use

Features

Real-time Alerts

Identify idle materials,
display inventory shortages
in real-time, handle
abnormal tools promptly.

Personalized configuration

Personalized Configuration

Synchronize the total inventory

Group configuration enabled

Android slideshow

Calibration warning

90

%

project management

One item, one code

Calibration function

slow-moving time

30

day

Overdue return

overdue value

1

day

Email

422958702@qq.com;935558688@qq.com

34/500

configuration

save

Inventory shortage display

Inventory quantity	name	Material code
1	测试工具1	
1	标签1504	111
1	测试寿命工具	
2	A222	DF1666666
0	耗材补货1	DC5555

View more>>

slow-moving materials

丹弗工具柜

name	Material code	compartment number	quantity	slow-moving duration (days)
MINI123	DE5674	A035-1	1	358
MINI123	DE5674	A035-1	1	358
MINI123	DE5674	A035	1	200
耗材1号	DF55555	A053	30	200
耗材2号	DF66666	A054	50	200

View more>>

丹弗工具柜

Abnormal compartment

View more>>

Acabinet

Bcabinet

Staying

A001

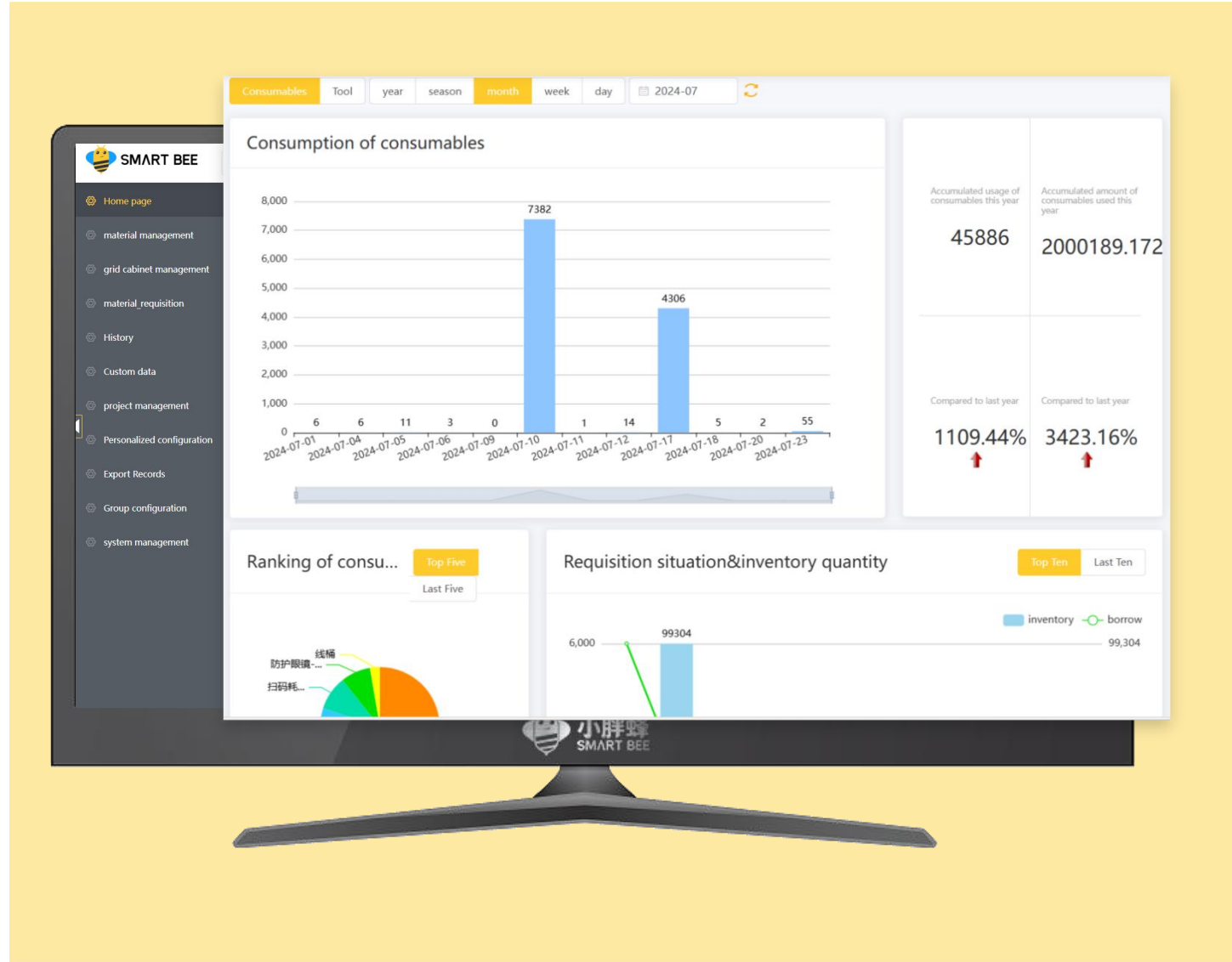
Staying

A004

Features

Auto-Generate Data Analysis Reports:

Accurately count ,
consumables no matter the quantity:
monthly consumption,
employee consumable usage ranking,
issuance and inventory status,
inventory shortage display,
idle materials, etc.

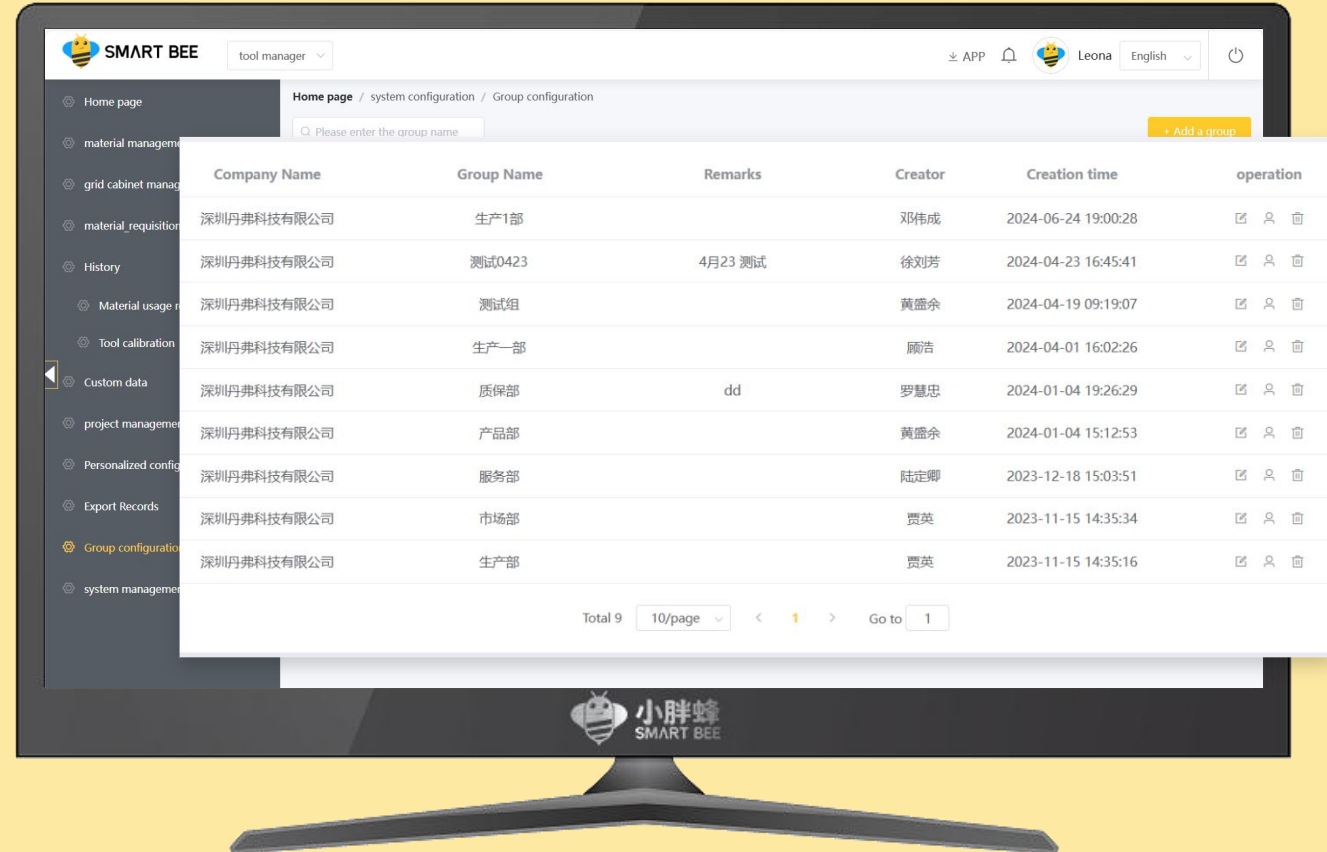


Features

Authorized Tool and Consumable Issuance

Traditional Management:
Unlimited employee material issuance, impossible to manage manually

SmartBeeBox Management:
Group management of employees, setting different consumable permissions for different employee groups



Features

Automatic Reminder of Calibration

Traditional management:

A large quantity of tools, difficult to maintain, easily forget to do the calibration. Then expired usage causes quality risks.

SmartBeeBox Model TW :

Can filter and query pending calibration lists or abnormal pending calibration lists for calibration of tools

Personalized configuration

Personalized Configuration

Synchronize the total inventory ☒

Group configuration enabled ☐

Android slideshow ☒

Calibration warning %

project management ☐

One item, one code ☒

Calibration function ☒

slow-moving time day

Overdue return ☒

overdue value day

Email configuration

34/500

save

History / Tool calibration

Please enter the search name

All brands

All categories

coding	name	brand	category	specifications	Material code	grid cabinet ID	compartment number	calibration times	whether the calibration conditions are met	operation
1	XSW323(天)	CYBER	千分尺	DF4F	DFEW323	DF20231214007	AcabinetA003	0	<div>Life limit: 0/5</div>	calibration View details
3456	测试工具1	刀锋	工具	测试工具1		DF20230512005	AcabinetA052	0	<div>Life limit: 2/0</div>	calibration View details
t	XSW323(天)	CYBER	千分尺	DF4F	DFEW323	DF20220521002	AcabinetA037	0	<div>Life limit: 8/5</div>	calibration View details
yut	XSW323(长)	瑞利达	铝合金扩孔刀	DFE3233	FD3332	DF20220521002	AcabinetA037	0	<div>Life limit: 2/5</div>	calibration View details
qqq001	电流表	宝工	工具	电流表		DF20220521002	AcabinetA003	0	<div>Life limit: 0/10</div>	calibration View details
qqq43	卡尔1号	卡尔	模具	50°50°100L	qqqwwwewerrr	DF20240424009	AcabinetA009	0	<div>Life limit: 0/10</div>	calibration View details
ci001	XSW323(内)	刀锋	工具	12DE3	DF323	DF20220521002	AcabinetA037	1	<div>Life limit: 0/2</div>	calibration View details
sss001	XSW323(内)	刀锋	拖	CFF33	FE32323	DF20220521002	AcabinetA037	0	<div>Life limit: 5/8</div>	calibration View details
ttt001	XSW323(天)	CYBER	千分尺	DF4F	DFEW323	DF20220521002	AcabinetA037	0	<div>Life limit: 11/5</div>	calibration View details
ccc001	XSW323(长)	瑞利达	铝合金扩孔刀	DFE3233	FD3332	DF20220521002	AcabinetA037	0	<div>Life limit: 10/5</div>	calibration View details

Total 185

1 2 3 4 5 6 ... 19

 Go to

Features

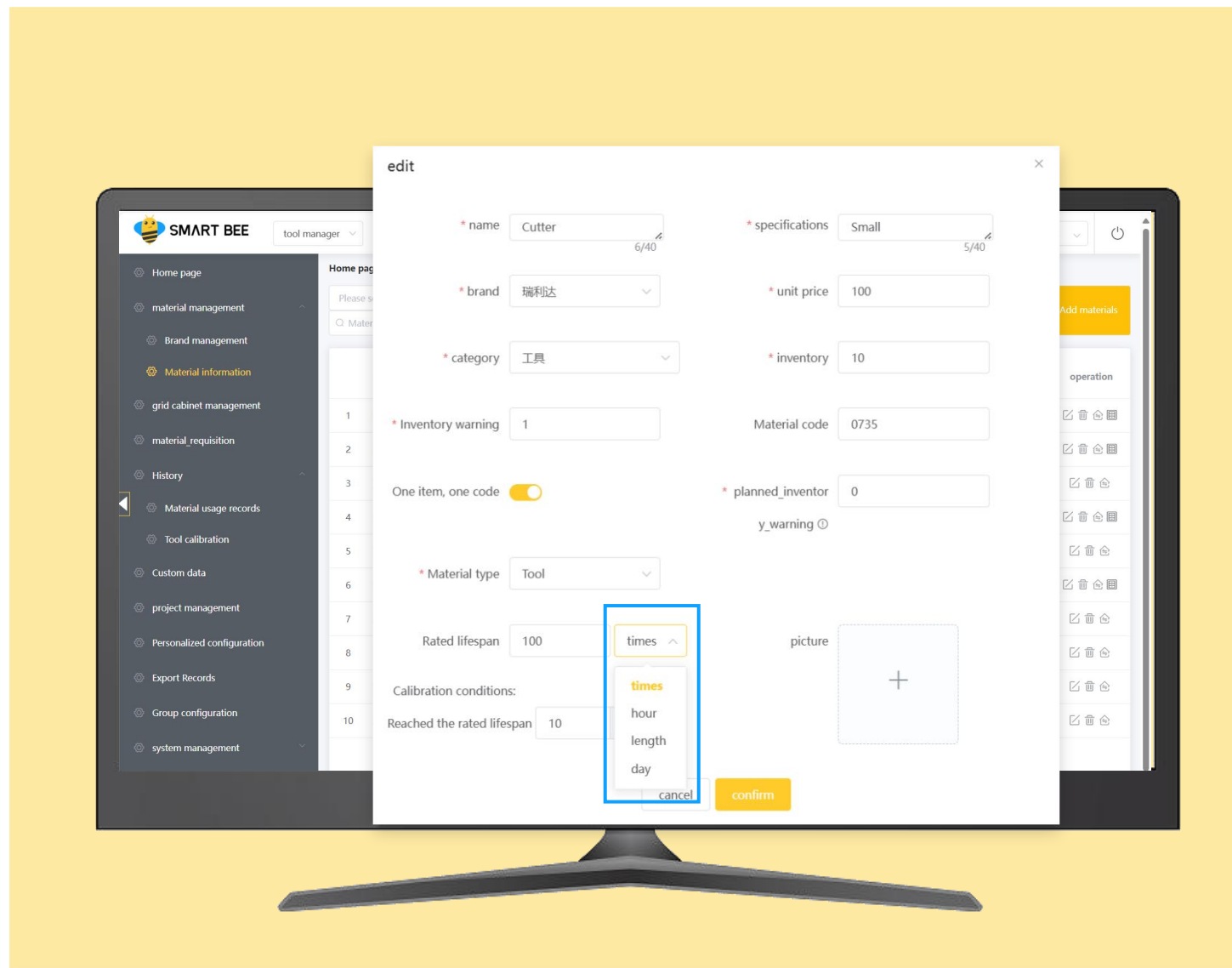
Mold/Tool Life Management

Traditional management:

How many times the mold/tool has been used and how many times it can still be used, manual recording cannot achieve accurate statistics

SmartBeeBox Model TW:

The system accurately records, automatically accumulates, and achieves the detection of mold and tool usage times and lifespan





Outstanding Design

Outstanding Design

Master Designed

Designer : Liu Yang

Industrial Design Dept. Tsinghua Univ.

Worked in LG、GALANZ、TCL

Awarded :

DDF Top 10,iF Industrie Forum

Design,Reddot,GoldenPin Design Award





Customer Cases

Customer Cases



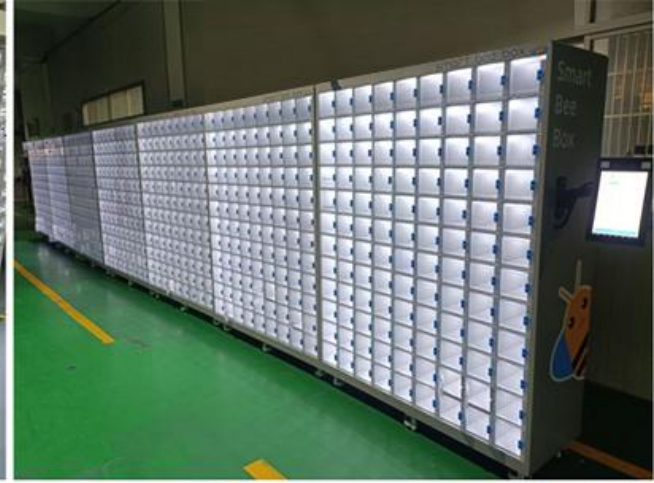
200+
Cities

200+
Listed enterprises

6000+
Customer Served

The Preferred Choice of Listed Companies+Industry Leaders







Service Guarantee

Service Guarantee

01

Continuous software upgrades.

User feedback driven software development.

By OTA or by providing upgrade packages.

Provide users with richer and more enjoyable features.

Software Upgrades

02

Provide software and hardware services to customers together with local agents.

Technical support from Smart Bee.

Lasting Service



SMART BEE BOX

Thanks !

Looking forward to serving you



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