CAMPRO
TOOLING MANAGEMENT SYSTEM

Precise Tooling / Materials Inventory Control | Re-order Prompt Automatically

24 Hours Supply Service | Tooling Consumption Report

Distributor :

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Life Is On | Schneider Electric 施耐德電機

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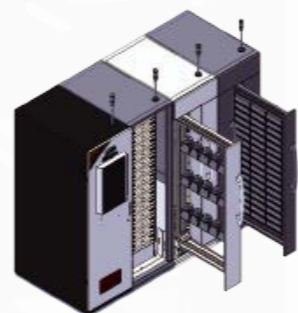
Campro Tooling Management System | *Campro IIoT 2.0*

Tool Wear Monitoring | Campro Tooling RFID/Barcode System
(with Campro IIoT 2.0)

CE

v3.7

TOOLING MANAGEMENT SYSTEM

Three ways to login :

ID login、Account login、Barcode login

T1000

T2000、T3000

Easy step of replenishment

Interface optimization /
Easy steps of replenishment

24-hour service

Our system can provide 24 hours supply service.

Active remind prompt

Connect with Database Management System / low safety stock / re-order prompt

Tool recycling

Use the Database Management system to record the tooling for recyling

Analysis

The prognosis system can collect the big data and performs the analysis instantly

Accurate Inventory

The system can accurately control inventory status and shows amount in real-time
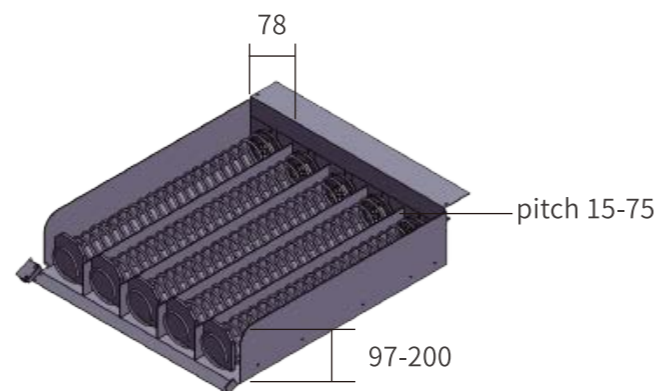
Interlayer specification

TOOLING MANAGEMENT SYSTEM INTERLAYER

Max. Size To Keep Parts	3-lane Interlayer	5-lane Interlayer
W	26-218 mm	26-130 mm
H	5-200 mm	5-200 mm
D	10-300 mm	10-300 mm

* Block (in orange colour) = pusher block

Spiral type Interlayer

78

pitch 15-75

97-200

unit: mm

Standard Specification

The Expansion Cabinet is without *, which are included in the Main Cabinet

Specification	T1000	T2000	T3000
Size (width x height x depth)	600 x 1198 x 1070 mm	600 x 2057 x 1060 mm	600 x 2057 x1060 mm
Dynamic Load (kg)	1023kg	1022.73kg	1022.73kg
Net Weight Without Load (kg)	200kg	450kg	550kg
Single-phase Power Supply (volt)	110 - 220V	110 - 220V	110 - 220V
Maximum Tool Storage (piece)	1000	1000 - 2000	1500 - 3000
Maximum Loading Per Lane (kg)	3.5kg	3.5kg	3.5kg
EXCEL File Output	● *	● *	● *
ID Login	● *	● *	● *
Industrial PC	● *	● *	● *
Campro IIoT Integration	● *	● *	● *
Barcode Management + Barcode Scanner	● *	● *	● *
3-lane Layers (number of layer)	10	20	/
5-lane Layers (number of layer)	/	/	30
Maximum Tool Storage (type)	30 - 50	60 - 100	150
Maximum Allowable Expansion (number of expansion cabinet)	1	100	100
Display Screen (type&size)	Normal Screen 22'' *	Touch Screen 22'' *	Touch Screen 22'' *
To access during blackout	●	●	●

Optional Accessories

| Model	T1000	T2000	T3000
UPS & Voltage Stabilizer	●	●	●
External Video Surveillance	●	●	●
Camera / Video Recording at the Outlet	●	●	●
Tool Catcher (Motorized elevator type)	●	●	●
Plastic Storage Boxes For Cutting Tools	●	●	●
PC	●	●	●
Used Tools Recycling, Factory-mounted (* Option : either 2 or 3 compartments)	●	●	●
Expansion Cabinet	●	●	●
3-lane Layer Upgrade To 5-lane Layer	●	●	/
Touch Screen Size	22''/24''	24''	24''
Full Security (anti-theft)	●	●	●
Fingerprint Recognition (login)	●	●	●
Spiral type Interlayer	●	●	●

Optional system

Multi-machine Inventory In tegration Management System

When multiple Tooling Management System are setup at different locations in the factory, the user can identify the stock condition of a particular tooling is available at which cabinet by virtue of this option. The user can select the nearest cabinet to him/her for usage.

Production Line : Tooling Pre-Withdrawal System

The user can perform pre-selection of tooling beside the CNC machine in the production line. The Tooling Management System will dispense the selected tooling automatically after the user presented at the cabinet.

Cabinet - for Tool Holders / Arbors (H-Series)
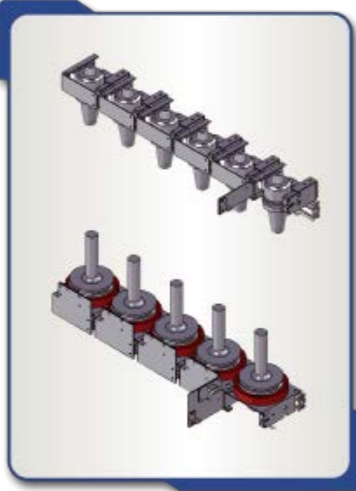
Slide rails design
No jerking when sliding out

1-to-1 Management
Option to lock each arbor
Reduces user's mistake in
using the wrong arbor

Can keep arbors of different tooling system
HSK、BT、CAPTO、Live Tool Holder

Can integrate with RFID Barcode system

Cabinet - Compartment Type (G Series)
Each compartment can be individually locked & released.

Standard Specification

Specification	H
Size(width x height x depth)	600 x 2057 x 1060 mm
Dynamic load (kg)	1022.73kg
Net Weight Without Load (kg)	550kg
Single-phase Power Supply (volt)	110 - 220V
Maximum Allowable Expansion (number of expansion cabinet)	100
Display Screen (type&size)	Touch Screen 22'' *
EXCEL File Output	● *
ID Login	● *
Industrial PC	● *
Campro IIoT Integration	● *
Barcode Management + Barcode Scanner	● *
Number of Drawer per cabinet	1~3
To access during blackout	●

The Expansion Cabinet is without * , which are included in the Main Cabinet

H-zero* (without PC)			
Specification	BT30/HSK25	BT40/HSK63	BT50/HSK100
Total Tool Length (for example)	180mm	200mm	300mm
Layers per drawer	5	4~5	3~4
Max. Qty. per layer	16	10	7
Max. Storage	240	150	84

* no PC, no display, no power supply! purely a storage Cabinet

H (without lock & sensor) / HL (with lock , no sensor) HS (with sensor , no lock) / HLS (with lock & sensor)			
Specification	BT30/HSK25	BT40/HSK63	BT50/HSK100
Layers per drawer	5	5	4
Max. Qty. per layer	13~14	9	6
Max. Storage	205	135	72

Standard Specification
The Expansion Cabinet is without * , which are included in the Main Cabinet

Specification	G
Size(width x height x depth)	600 x 2057 x 1060 mm
Dynamic load (kg)	1022.73kg
Net Weight Without Load (kg)	550kg
Single-phase Power Supply (volt)	110 - 220V
Maximum Allowable Expansion (number of expansion cabinet)	100
Display Screen (type&size)	Touch Screen 22'' *
EXCEL File Output	● *
ID Login	● *
Industrial PC	● *
Campro IIoT Integration	● *
Barcode Management + Barcode Scanner	● *
Number of drawer	1~3
To access during blackout	●

* The height of each layer can be customized

Optional Accessories

Optional Item (description)	H
UPS & Voltage Stabilizer	●
External Video Surveillance	●
PC	●
Expansion Cabinet	●

Optional Item (description)	H
Full Security (anti-theft)	●
Fingerprint Recognition (login)	●
Other Customization	●
Touch Screen Size	24''

Optional Accessories

Optional Item (description)	G
UPS & Voltage Stabilizer	●
External Video Surveillance	●
PC	●
Expansion Cabinet	●
Full Security (anti-theft)	●
Fingerprint Recognition (login)	●
Other Customization	●
Touch Screen Size	24 ''

Specification	G100	G200	G300	G-zero*(no PC)	GX
Layer per drawer	17	17	17	Special Customization	Special Customization
Compartment per layer	6	3	2		
Compartment per cabinet	102	51	34		

Disc Type Cabinet (C Series)

For tooling of Low-Volume-High-Mixed type

Storage Layers
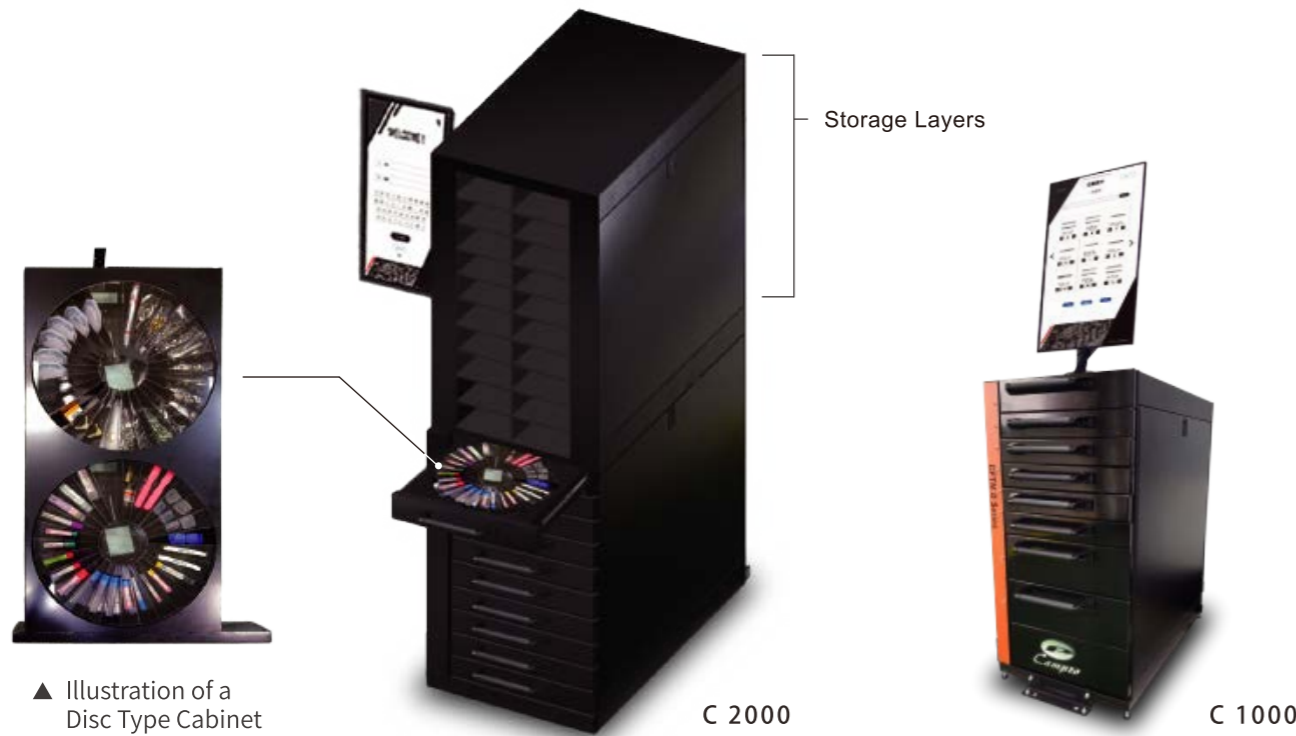
▲ Illustration of a Disc Type Cabinet

C 2000

C 1000

Standard Specification

Specification	C1000	C2000
Cabinet size (H x W x D)	600x1198x1070 mm	600x2057x1060 mm
Dynamic load (kg)	1023kg	1022.73kg
Net Weight Without Load (kg)	300kg	450kg
Single-phase Power Supply (volt)	110 - 220V	110 - 220V
Maximum Allowable Expansion (number of expansion cabinet)	100	100
Display Screen (type&size)	Normal Screen 22'' *	Touch Screen 22'' *
EXCEL File Output	● *	● *
ID Login	● *	● *
Industrial PC	● *	● *
Campro IIoT Integration	● *	● *
Barcode Management + Barcode Scanner	● *	● *
Height of each layer	60mm	60mm
Maximum capacity per drawer	200kg	200kg
Maximum number of layers (A)	10	10
Maximum types per layer (B)	52~104	52~104
Storage capacity of a cabinet (A)x(B)	520~1040	520~1040
To access during blackout	●	●
Storage Layers	-	●

The Expansion Cabinet is without ＊, which are included in the Main Cabinet

Cabinet - Drawer Type (D Series)

Each drawer can be individually locked & released.
No partition/compartment at each drawer, thus material control is transparent.

Standard Specification

The Expansion Cabinet is without ＊, which are included in the Main Cabinet

Specification	D
Cabinet size (H x W x D)	1198x600x1070 mm
Number of Medium size drawer	6
Medium size drawer (H x W x D)	70x390x760 mm
Number of Large size drawer	2
Large size drawer (H x W x D)	140x390x760 mm
Maximum capacity per drawer	200kg
Dynamic load (kg)	1023kg
Net Weight Without Load (kg)	250kg
Single-phase Power Supply (volt)	110 - 220V
Maximum Allowable Expansion (number of expansion cabinet)	100
Display Screen (type&size)	Normal Screen 22'' *
EXCEL File Output	● *
ID Login	● *
Industrial PC	● *
Campro IIoT Integration	● *
Barcode Management + Barcode Scanner	● *
To access during blackout	●

＊ The height of each layer can be customized
＊ First drawer high is 65mm

Recycling Cabinet (R Series)
Standard Specification

Specification	R
Cabinet size (H x W x D)	1198x600x1070 mm
Maximum types per cabinet	37 types

▲ Illustration of a Recycling Cabinet

*recommended to use with the Main cabinet