



For Can Makers,
By Can Makers.

PART OF THE XANO GROUP

Too/CONTROLTM

Tool Tracking & Inventory Control



Subprogram	Punch	Roller	Die Set	Die Set	Die Set	History Count
Production Line 1 Can Size 211 12oz Punch						
Size:	2.6026 inch	2.6212 inch	2.6196 inch	2.6148 inch	2.6092 inch	10
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Size:	2.6011 inch	2.6229 inch	2.6191 inch	2.6133 inch	2.6076 inch	9
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Size:	2.6014 inch	2.6229 inch	2.6194 inch	2.6135 inch	2.6080 inch	2
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Size:	2.6014 inch	2.6229 inch	2.6194 inch	2.6135 inch	2.6079 inch	2
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Size:	2.6011 inch	2.6227 inch	2.6192 inch	2.6133 inch	2.6077 inch	2
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Size:	2.6017 inch	2.6202 inch	2.6158 inch	2.6092 inch	2.6032 inch	1
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Size:	2.6013 inch	2.6228 inch	2.6193 inch	2.6134 inch	2.6078 inch	1
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Production Line 2 Can Size 211 12oz Punch						
Size:	2.6013 inch	2.6228 inch	2.6193 inch	2.6135 inch	2.6078 inch	2
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Size:	2.6015 inch	2.6240 inch	2.6195 inch	2.6136 inch	2.6080 inch	1
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Size:	2.6015 inch	2.6240 inch	2.6195 inch	2.6136 inch	2.6080 inch	1
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Size:	2.6015 inch	2.6240 inch	2.6195 inch	2.6136 inch	2.6080 inch	1
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Size:	2.6015 inch	2.6240 inch	2.6195 inch	2.6136 inch	2.6080 inch	1
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Production Line 3 Can Size 211 16oz Punch						
Size:	2.6014 inch	2.6240 inch	2.6194 inch	2.6134 inch	2.6079 inch	1
Prng. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	
Wk. Dtl:	1701 days	1701 days	1701 days	1701 days	1701 days	



14 15 Log Out Demo: 12oz Std

Material # Current Can Size

Report Tool Activity

Punch Crosshatch

Die 1st Polish Die 2nd Polish Die 3rd Polish

Redraw Polish

Insert Comment Clear Inputs Undo Last

Tool tracking & inventory software for Bodymaker & Necker Tooling.

A tool tracking & inventory control system, designed specifically for the can making industry, featuring five different software modules.

Operator convenience is top of mind, with streamlined interfaces & capability for data matrix code scanning. ToolCONTROL™ is the most powerful & easy-to-use inventory software system in the can industry today.



WORKSTATION

30"x 48" industrial benchtop with computer, mounted monitor, keyboard & mouse, and RFID employee badge scanner.



DATA MATRIX CODE SCANNER

Hand-held scanner for use with tools etched with the serial number as a data matrix code. Allows for effortless entry of tool serial number.

Production Line	Tool	Size	Material	Location	Tool Status	Tool Count
Production Line 1 Can Size 211 12oz Punch	10	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	11	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	12	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	13	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	14	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	15	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	16	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	17	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	18	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	19	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
Production Line 2 Can Size 211 12oz Punch	20	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	21	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	22	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	23	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	24	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	25	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	26	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	27	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	28	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	29	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
Production Line 3 Can Size 211 12oz Punch	30	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	31	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	32	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	33	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	34	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	35	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	36	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	37	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	38	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
	39	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10

REPORTING ENGINE

Report generation that allows admins to run reports on bodymaker history, tool change history, reason for tool change, user activity, tool inventory, and more.

Tool ID	Tool Name	Tool Size	Tool Material	Tool Location	Tool Status	Tool Count
100001	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
100002	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
100003	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
100004	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
100005	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
100006	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
100007	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
100008	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
100009	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10
100010	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	2.0000 inch	10

BODYMAKER INVENTORY MODULE

Records complete history of every tool through location, measurement data, & events. Allows operators to quickly log tooling changes & events, & view tooling distribution by progression chart. Notifies operator of deviation from progression chart.

Additional Options



Production
Module

PRODUCTION MODULE

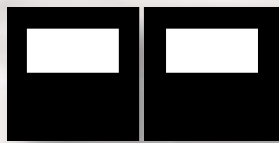
Enables communication between ToolCONTROL™ and the plant SCADA system, providing more insights via the ToolCONTROL™ reporting engine (such as cans produced per tool).



Can Weight
Module

CAN WEIGHT MODULE

Enables plant personnel to log can weight and wall thickness data, providing more insights via the ToolCONTROL™ reporting engine.



Necker Inventory
Module

NECKER INVENTORY MODULE

Records the complete history of every tool through location, measurement data, and events. Allows operators to quickly log tooling changes and events. Notifies operator of deviation from match gap.

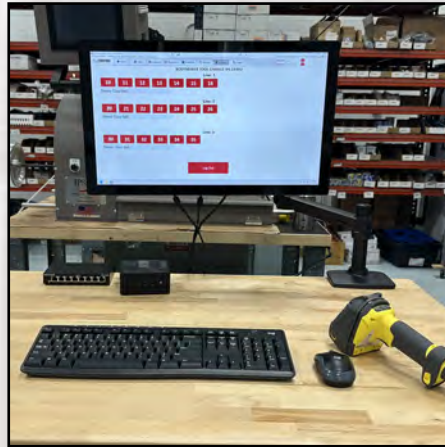


Enterprise Reporting
Module

ENTERPRISE REPORTING MODULE

Enables the compilation of data from ToolCONTROL™ installations at multiple facilities into one dashboard, allowing for enterprise-level data insights.

Additional Options



ADDITIONAL WORKSTATION

Additional workstations provide operators with more ways to access ToolCONTROL™ (such as from the production floor).



ToolSCAN 2.0™ INTEGRATION

When paired with the IPS ToolSCAN 2.0™ precision measurement gauge, measurement data can be digitally transferred and stored within ToolCONTROL™.



X2 PRO™ INTEGRATION

When paired with the IPS X2 PRO™ crosshatch machine, crosshatch data can be digitally transferred and stored within ToolCONTROL™.

Why ToolCONTROL™

THE CHALLENGE

Many operations rely on manually maintained spreadsheets to track tooling inventory, resulting in significant time consumption & increased risk of human error. Other inventory software is often generic & not specifically designed for the can making environment. Additionally, failure to compile tool data, operator data, & production data together leads to missed insights that otherwise would drive improvements.

THE IPS SOLUTION

ToolCONTROL™ was developed in direct partnership with can makers to ensure the system reflects the practical demands in today's can plants. The operator interface features an RFID badge login, touchscreen, and simplified navigation so tool changes are completed with a few taps on the screen. Data entry is designed to be automatic, with data matrix code scanning and IPS equipment integration, minimizing the potential for human error.



OPERATIONAL GAINS

ToolCONTROL™ offers increased visibility and data-driven decision-making. Progression charts showing tool quantities by measurement size allow plants to quickly identify gaps and plan tool orders or grinding schedules more effectively, reducing the time spent manually managing an alternative solution. Reports, such as cans produced by tool, distribution of tool change reasons, and operator tool change activity, provide actionable insight.

Specifications



ToolCONTROL™ Dimensions (with bench)

Production Weight	190 lbs / 86.2 kgs
Height	48 in / 122 cm
Length	31 in / 79 cm
Depth	48 in / 122 cm

ToolCONTROL™ Computer Specifications

CPU	Intel Ultra 7
Memory	16GB RAM
Storage	256GB SSD
Operation System	Windows 11 Pro

Upon purchase, the customer is required to setup a SQL server to host the software.

Required SQL Server Specifications

CPU	i7 CPU or equivalent
Memory	32GB RAM
Storage	256GB SSD
Operation System	Windows-based OS
SQL Application	SQL Server 2022+

IPS ToolCONTROL™

Data intelligence is becoming the competitive advantage in modern can-making. The ToolCONTROL™ tool tracking and inventory control software is the beating heart of the interconnected toolroom, combining formerly separated datasets into a single platform. By bringing critical datasets together, ToolCONTROL™ provides plants with meaningful analysis via its built-in reporting capabilities. These reports help identify performance trends and support the plant in making more informed operational decisions across the entire facility.

Data collected by ToolCONTROL™

X2 PRO™



The IPS X2 PRO™ cross hatch machine is the industry's most trusted equipment for consistent, repeatable cross hatches. When integrated with ToolCONTROL™, every cross hatch event is seamlessly associated with the appropriate punch profile.

- Employee ID
- Punch serial number
- Cross hatch event

ToolSCAN 2.0™



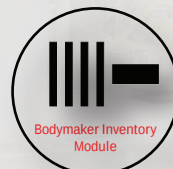
The IPS ToolSCAN 2.0™ precision measurement gauge provides a speedy, high-precision, non-contact solution for bodymaker & necker tooling measurement. When integrated with ToolCONTROL™, every measurement is seamlessly associated with the appropriate tool profile.

- Tool serial number
- Punch measurement
- Bodymaker die measurement
- Necker die measurement
- Knockout measurement

MODULE: BODYMAKER INVENTORY

The ToolCONTROL™ bodymaker inventory module records the complete history of every punch, ironing die, and redraw die. It also includes masters data, progression charts and plant-wide inventory counts for wider strategic decision-making.

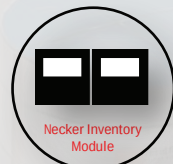
- Measurement data
- Bodymaker die stage
- Tool location
- Tool event
- Tool status



MODULE: NECKER INVENTORY

The ToolCONTROL™ necker inventory module records the complete history of every necker die, knockout, flanger head, & reformer cartridge. It also includes masters data, match gap tables, & plant-wide inventory counts for wider strategic decision-making.

- Measurement data
- Necker die/knockout stage
- Tool location
- Tool event
- Tool status



MODULE: PRODUCTION DATA

The ToolCONTROL™ production data module enables communication between the software & the plant SCADA system to gather information from the bodymaker & necker.

- Equipment discharge by time interval
- Equipment spoilage by time interval
- Short cans by time interval
- Tagged events registered by equipment



MODULE: CAN WEIGHT DATA

The ToolCONTROL™ can weight module enables plant personnel to log QA inspection data.

- Bodymaker can weight
- Bodymaker mid-wall thickness
- Bodymaker thick-wall thickness
- Bodymaker can height

