



MATRIX

Your Ticket to the Digital Era



MATRIX Does It All

The Matrix Family of Automated Tool Dispensers Powered by Our Unique Management Software Can Help You

-  Drive down costs
-  Guarantee production output
-  Optimize stock levels
-  Streamline purchasing
-  Control cost per unit (CPU)
-  Select the right tools for each job



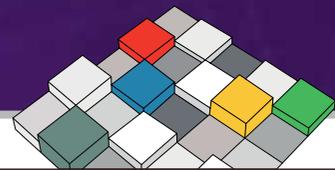
DLS



MINI



MAXI



MATRIX

Tool Management from the Palm of Your Hand!

- **MATRIX ANDROID** is a robust handheld device and app to manage your warehouse and tool room
- Records transactions via Wi-Fi connection to a networked MATRIX data base
- Includes built-in 2D scanner
- Works with MATRIX software v6.5 or higher



TOOLPORT

360

WIZ

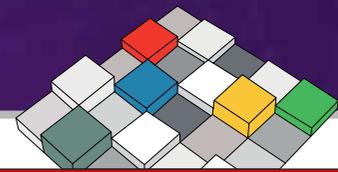
MATRIX Touch Software

Easy to Use Touch Screen Application to Issue and Return Items

- Drives MATRIX Cabinets and specified Kardex shuttle models
- Search items by group, text, numeric, application, picture and favorites
- Controls access to tools by user group, job, part and budget
- Prompts for alternative or related items
- Connects to electronic catalogs and tool selection apps
- Shopping basket for speedy issue of multiple items
- Alerts for stock shortages or discrepancies
- Manage multiple sites and cabinets on one database



MATRIX Manage Software



MATRIX

Comprehensive Application to Manage Tools, Gauges & MRO

- Item & Supplier maintenance includes prices, stock levels, locations, technical data and usage history
- Complete suite of standard and advanced reports in Excel, HTML, PDF and other formats, that can be scheduled and sent by email
- Sophisticated planning engine calculates re-order points for maximum availability and minimum stock
- Dashboard and Item Analytics provide overview of key performance indicators (KPIs)
- Track CPU, tool life, serial items and gauge calibration
- ERP Interface options
- Manage kits, tool assemblies and rework process
- Multi-language
- Link photos and documents to items
- Manage the rework process



MAXI and MINI

MAXI

MAXI stands tall with a large capacity, surprisingly small footprint and a sleek, ergonomic design. Secure with electronically locked drawers & bins

MAXI Premium

MAXI TOUCH cabinet with upgraded specifications for an enhanced user experience

MINI

MINI can go just about anywhere, sitting atop a workbench, lockable MATRIX trolley or DLS 4D. Secure with electronically locked drawers & bins

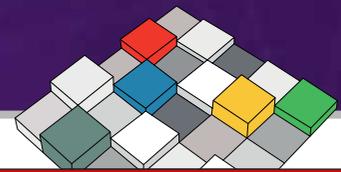


Specifications

- 16 bin sizes
- Over 50 drawer options with multiple bin configurations
- Maximum bins per drawer – 198 MAXI and 96 MINI
- Auto-Lock mechanism locks bins when the drawers returned (optional)
- Available in 2 versions: TOUCH (stand-alone) and POD (add-on)
- TOUCH - supplied with PC, touchscreen (17" MAXI & 15" MINI), UPS (surge protection and power backup), barcode reader, network switch and management software
- Manual override in case of power failure
- RFID, fingerprint and magnetic card readers are available
- Network - all versions can connect directly to the LAN. POD can also connect to a TOUCH
- Electrical supply - 110AC +/-4.6 %10-A or 220AC +/-2.2 %10-A
- Cabinet and drawer frames supplied in top-quality industrial grade zinc coated steel
- Hood and side panels supplied in ABS and bins supplied in PC-ABS
- All metal, plastic and electronic parts are made from recyclable material
- External colors: black (RAL9005) and silver (RAL9116)
- Manufactured under QMS ISO2008-9001
- CE & UL/CA certified

MAXI PREMIUM

- 24" wide touchscreen
- High performance PC (i5)
- 2D barcode reader
- Fingerprint reader
- USB hub
- Extra fast ethernet switch
- 2 Year hardware warranty



MATRIX



MAXI

Large capacity: Over 50 drawer options with multiple bin configurations

MINI

Sitting atop a workbench and ergonomic design



MAXI and MINI - Completely Modular

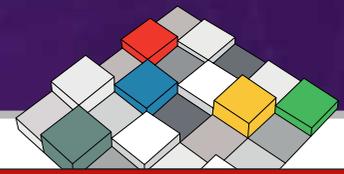
Bin Code	H mm	D mm	W mm	H "	D "	W "
50A	50	39	42	1.9	1.5	1.6
50B	50	39	92	1.9	1.5	3.6
50C	50	39	142	1.9	1.5	5.5
50D	50	39	192	1.9	1.5	7.5
50E	50	39	242	1.9	1.5	9.5
75A	75	39	42	2.9	1.5	1.6
75B	75	39	92	2.9	1.5	3.6
75C	75	39	142	2.9	1.5	5.5
75G	75	89	142	2.9	3.5	5.5
75H	75	89	192	2.9	3.5	7.5
75L	75	89	292	2.9	3.5	11.5
100A	100	39	42	3.9	1.5	1.6
100C	100	39	142	3.9	1.5	5.5
100J	100	139	142	3.9	5.4	5.5
100K	100	189	142	3.9	7.4	5.5
125XL	125	165	295	4.9	6.5	11.6
125XXL	125	165	445	4.9	6.5	17.5

MAXI

- Drawers per cabinet: 1-12 [depends on drawer heights and quantity of Auto-Locks]
- Drawer heights (net): 50mm/2", 75mm/2.9", 100mm/3.9" and 125mm/4.9"
- Load weight per drawer: up to 50kg/110lb (90kg/190lb for Jumbo drawer)
- Cabinet weight varies depending on number of drawers and Auto-Locks: MAXI with 4 drawers and 4 Auto-Locks is ~400kg/880lb; MAXI with 12 drawers is ~600kg/1325lb
- Cabinet frame includes 4 adjustable legs and removable front panel for forklift access
- Cabinet dimensions 1180mm/47" (W) x 752mm/30" (D) x 1469mm/58" (H)

MINI

- Drawers per cabinet: 1-5 [depends on drawer heights and quantity of Auto-Locks]
- Drawer heights (net): 50mm/2", 75mm/2.9" and 100mm/3.9"
- Load weight per drawer: up to 20kg/44lb
- Cabinet weight varies depending on number of drawers and Auto-Locks: MINI with 4 drawers is ~165kg/365lb
- Cabinet dimensions 860mm/34" (W) x 581mm/23" (D) x 800mm/32" (H)



MATRIX 360 incorporates Machine Learning

- Quick & Easy set-up
- Sensors scan size and location of bins
- Perfect for small to medium size consumables

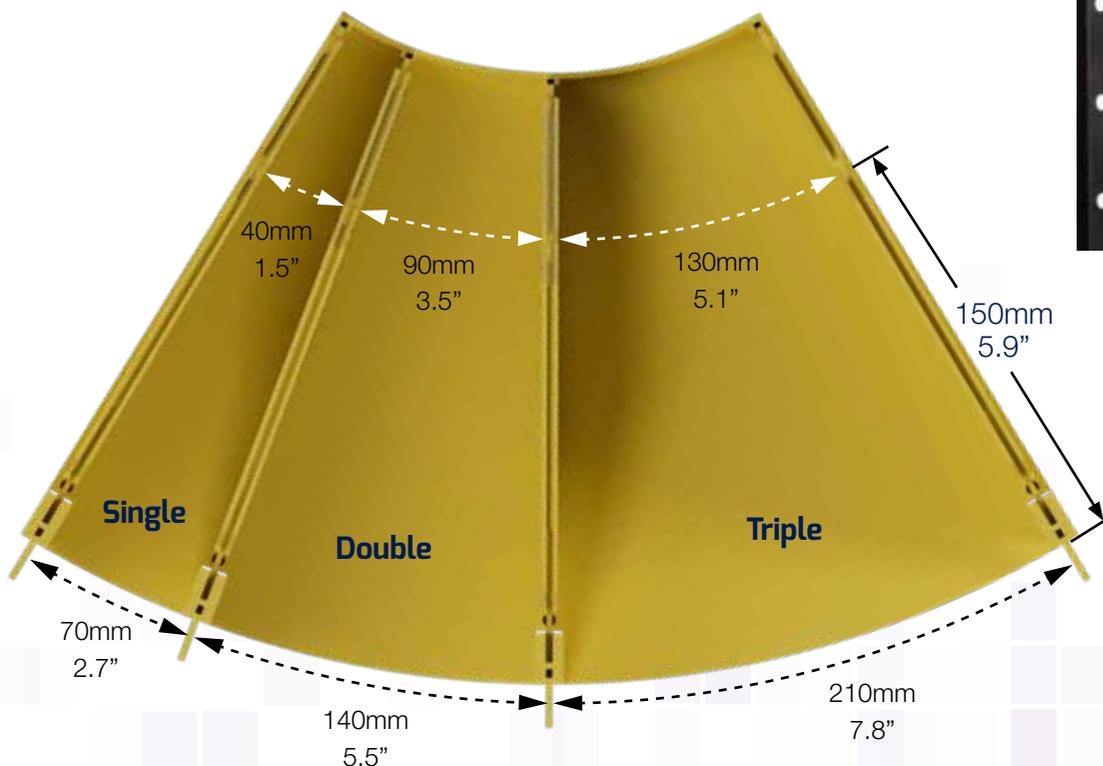
Specifications

- Carousel style cabinet – small footprint
- Factory installed with 560 single bins
- 16 Drawers X 35 single bins per drawer
- Re-configure to double or triple size bins in just seconds with 'Click-In-Out' bin dividers
- Bin Door opens automatically
- TOUCH and POD versions
- TOUCH includes 22" touchscreen, pc, network switch and barcode scanner
- Load weight – 20kg per drawer / 200kg per cabinet
- Cabinet weight - 210kg / 463lbs.
- Cabinet dimensions – 1900mm / 75" (H) x 870mm / 34" (W) x 900mm / 36" (D)
- CE & UL/CA certified



Bin Dimensions

Bin Height = 70mm / 2.7"



DLS 4D / 8D / 13D

Economical solution with flexible drawer partitions suitable for small and large items.

DLS-V 5D

Electronically locked storage cabinet for managing tool assemblies.



Specifications

- Sturdy industrial cabinet
- Manual override in case of power failure
- Direct network connection and single power supply 110-230V
- Load weight per drawer: up to 180kg/397lb
- Front access forklift base - 100mm/4" (H)

DLS 8D / 13D

- 2 versions: TOUCH (stand-alone) and POD (add-on)
- TOUCH – supplied with all-in-one pc-touchscreen, bar code reader, network switch and management software
- 8 Drawers (H): 3 x 101mm/4"; 4 x 127mm/5"; 1 x 203mm/8"
- 13 Drawers (H): 12 x 76mm/3"; 1 x 101mm/4"
- Cabinet dimensions 915mm/36" (W) x 610mm/24" (D) x 1220mm/48" (H)

DLS 4D

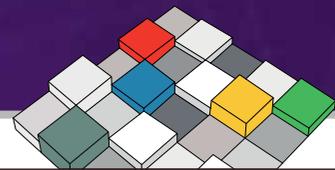
- POD version only
- 4 Drawers per cabinet (H): 1 x 101mm/4"; 2 x 153mm/6"; 1 x 203mm/8"
- Cabinet dimensions: 915mm/36" (W) x 610mm/24" (D) x 820mm/32" (H)

DLS-V 5D

- Controlled by MATRIX software to manage tool assemblies
- Up to 3 racks per drawer
- Rack options:
 - 6 holes rack for HSK A63 / C6 / 40T
 - 8 holes rack for 30T
- Adjustable rack height
- Sits atop DLS 4D or work bench
- Available as POD version
- Cabinet dimensions 915mm/36" (W) x 610mm/24" (D) x 1070mm/42" (H) (including Base)

DLS-V 5D

5 electronically locked vertical drawers



MATRIX



DLS 8D
8 electronically
locked drawers



DLS 13D
13 electronically
locked drawers

ToolPort 8D/4D/4X4

Specifications

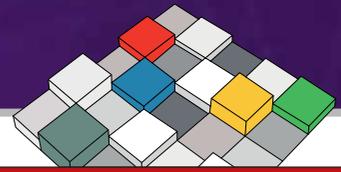
- Large capacity / small footprint → 800 inserts (4D bench-top model) or 1600 inserts (8D free standing model)
- TOUCH supplied with PC, touchscreen, single power supply 230-110V, barcode reader and network switch
- Single or double size reusable containers store each insert
- 10 cartridges per drawer
- 1 SKU per cartridge
- Each cartridge is locked and pre-loaded with 10 single containers
- Containers per cartridge – maximum 20 single or 10 double
- Controlled by MATRIX software
- 8D model dimensions: 677mm/27" (W) x 614mm/24" (D) x 1448mm/57" (H)
- 4D model dimensions: 677mm/27" (W) x 614mm/24" (D) x 876mm/35" (H)
- Front access forklift base: 100mm/4" (H)
- CE certified



4X4

- Combines 4 single insert drawers and 4 DLS style locked drawers
- DLS style drawer dimensions: 517mm/20.3" (W) x 530mm/20.8" (D) x 97mm/3.8" (H)
- Supplied with 3 partitions and 16 dividers per drawer
- Same cabinet dimensions as 8D model
- Available as TOUCH or POD version





MATRIX

8D/4D

100 % control 100 % accountability



4X4

Secure environment for Inserts and Tools



Specifications

- Sleek modern design, transparent doors and LED lighting
- WIZ cabinet comprises:
 - Hood
 - Top and bottom frames
 - Base with forklift access
- 4-12 doors (lockers) per 2 column frame
- 6-18 doors (lockers) per 3 column frame
- Up to 2 slave cabinets can be connected to a master cabinet
- Load weight per shelf – 15kg/33lbs
- Available as a POD (add-on) version
- Manual override in case of power failure
- Direct network connection
- Single power supply 12V 15A per cabinet
- Cabinet color - black (RAL9005)
- Cabinet dimensions – 2070mm/81.5” (H) x 914mm/36” (W) x 457mm/18” (D)
- 6 door options / locker dimensions:

	Door Code	H mm	W mm	D mm	H ”	W ”	D ”
2 Column Frame	2C-S	157	457	457	6	18	18
	2C-D	305	457	457	12	18	18
	2C-T	457	457	457	18	18	18
3 Column Frame	3C-S	157	305	457	6	12	18
	3C-D	305	305	457	12	12	18
	3C-T	457	305	457	18	12	18

WIZ

Reconfigurable transparent doors and LED lighting



Go Digital

The Power of the Cloud

Regardless of the size or complexity of your tool data base, it's never been a better time to connect and enjoy the hassle-free benefits of the Cloud.

We offer an economical subscription-based service to migrate your local data base to our MATRIX Cloud. A scalable solution based on Microsoft Azure's best-in-class platform.

MATRIX WEB

Our popular MATRIX software functionality is now accessible from any web browser on your pc, tablet or mobile phone.

- No installation
- Secure WEB architecture
- Supports our multi-site options





WIZ



ToolPort



MAXI



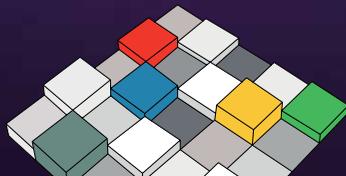
DLS



MINI



360



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