



Drucker a1 Short Text Edition (Black)

Specifications

- 32 digits embeded LINUX operating system
- Gear pump, overload protection
- Auto nozzle flush at turn on/off
- USB flash disk, save/load print message & config easily
- Ink & Solvent bottle detector, ensures smooth running
- Pop-up window for regular maintenance
- 7" TFT color screen, standard smart-phone input

Software

- LINUX operating system
- Storage memory more than 2000 messages
- One key fast turn on/off
- Automatic error diagnosis and error history
- Pop-up window to remind changing filter
- Graphic/logo editing software integrated
- Multi operation languages available
- 3 counters & 4 shifts, automatically

Simple to Maintain

- No ink core, no ink module, no time bound spares to be replaced. Only one main ink filter is to be replaced.
- Ink filter life is 2000 - 6000 hrs. depending on the environment.

Physical Features

Protect level	IP54	Cabinet Size	H*W*L (550*300*320)mm
Umbilical hose	2500mm	Head Size	H*W*L (180*43*49)mm
Weight	32kg	Power Supply	AC110-220V 50/60Hz
Working T	5-45°C	Humidity	max 90% R.H., non-condensing
Pressure Pump	Gear Pump	Vaccum Pump	Brush less Pump
Resonator	62.5K		

Printing Features

24~48 Dots maximum, 3~6 lines of 7x5 font	Character printing height 1mm~15mm
Max 80 characters each line(7x5 font) for α1	Bar codes supported
QR code supported	Expiry date, Logo supported
Multi-fonts available	55/70μ Nozzle as standard
Printing speed (one line): 220m/min(5x5) , 180m/min (7x5)	

Interface&COM

- 7" TFT color screen
- USB port-easy upgrading
- Ethernet port (10/100MB)
- RS232/485 port

Hydraulic System

- Gear Pump with pressure overload protection system, up to 10 year lifetime.
- 1500ml ink/solven bottle, easy to refill
- Detector in ink/solvent bottle to give alarm when lack of sufficient consumable

Ink Rage

- All type of Dye base ink



Print head



Consumable refill



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SUPERJET TECHNOLOGY PVT. LTD.

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Drucker alpha1 plus Gen2 HS / HS+ / UHS (Black)

Specifications

- 32 digits embedded LINUX operating system
- Gear pump, overload protection
- Auto nozzle flush at turn on/off
- Ink & Solvent bottle detector, ensures smooth running
- Pop-up window for regular maintenance
- 10.4" TFT color screen, standard smart-phone input

Software

- LINUX operating system
- Storage memory more than 2000 messages
- One key fast turn on/off
- Automatic error diagnosis and error history
- Pop-up window to remind changing filter
- Graphic/logo editing software integrated
- Password gives access to different level of users
- Multi operation languages available
- 3 counters & 4 shifts, automatically

Simple to Maintain

- No ink core, no ink module, no time bound spares to be replaced. Only one main ink filter is to be replaced.
- Ink filter life is 2000 - 6000 hrs. depending on the environment.

Physical Features

Protect level	IP54	Cabinet Size	H*W*L (550*300*320)mm
Umbilical hose	3000mm	Head Size	H*W*L (180*43*49)mm
Weight	32kg	Power supply	AC110~220V 50/60Hz
Working T	5-45°C	Humidity	max 90% R.H., non-condensing
Pressure Pump	Made in USA gear pump	Vaccum Pump	Brush less Pump
Resonator	88K for HS / 100K for HS+ / 128K for UHS		

Printing Features

48 Dots maximum, 6 lines of 7x5 printing (HS/HS+) 16 Dots maximum, 2 lines of 7x5 printing (UHS)	Character printing height 1mm~12mm
No limit in max print characters	Bar codes supported
QR code supported	Expiry date, Logo supported
Multi-fonts available	42/55/60µ Nozzle as standard
Printing speed 1 Line for HS 350m/min(5x5), 280m/min (7x5) Printing speed 1 Line for HS+ 450m/min(5x5), 400m/min (7x5) Printing speed 1 Line for UHS 600m/min(5x5), 500m/min (7x5)	

Interface&COM

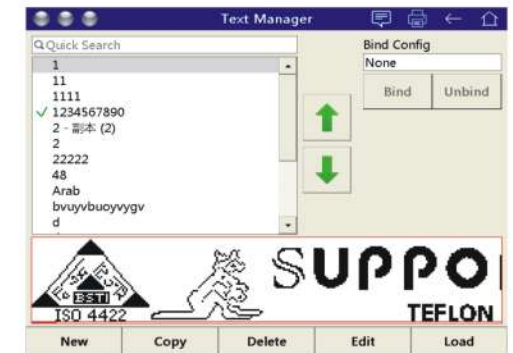
- 10.4" TFT color screen
- USB port-easy upgrading
- Ethernet port (10/100MB)
- RS232/485 port

Hydraulic System

- Gear Pump with pressure overload protection system, up to 10 year lifetime.
- 1500ml ink/solvent bottle, easy to refill
- Detector in ink/solvent bottle to give alarm when lack of sufficient consumable

Ink Rage

- All type of Dye base ink



Print head



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Drucker alpha 1 Plus Gen2 Pigment / HS Pigment / HS+ Pigment

Specifications

- 32 digits embedded LINUX operating system
- Gear pump, overload protection
- Auto nozzle flush at turn on/off
- USB flash disk, save/load print message & config easily
- Ink & Solvent bottle detector, ensures smooth running
- Pop-up window for regular maintenance
- 10" TFT color screen, standard smart-phone input

Software

- LINUX operating system
- Storage memory more than 2000 messages
- One key fast turn on/off
- Automatic error diagnosis and error history
- Pop-up window to remind changing filter
- Graphic/logo editing software integrated
- Password gives access to different level of users
- Multi operation languages available
- 3 counters & 4 shifts, automatically

Simple to Maintain

- No ink core, no ink module, no time bound spares to be replaced. Only one main ink filter is to be replaced.
- Ink filter life is 2000 - 6000 hrs. depending on the environment.

Physical Features

Protect level	IP54	Cabinet Size	H*W*L (550*300*320)mm
Umbilical hose	3000mm	Head Size	H*W*L (180*43*49)mm
Weight	32kg	Power supply	AC110~220V 50/60Hz
Working T	5-45°C	Humidity	max 90% R.H., non-condensing
Pressure Pump	Made in German diaphragm pump	Vacuum Pump	Brush less Pump
Resonator	62.5K for Std., 88K for HS & 100K for HS+		

Easy Coding - Simple Operation

Printing Features

48 Dots maximum	Character printing height 1mm~12mm
6 Lines of 7x5 printing, 8 Lines of 5x5 printing	Bar codes supported
QR code supported	Expiry date, Logo supported
Multi-fonts available	60μ Nozzle as std. & 55μ / 70μ optional
Printing speed 1 Line for Std. 220m/min(5x5) , 180m/min (7x5) Printing speed 1 Line for HS 350m/min(5x5) , 280m/min (7x5) Printing speed 1 Line for HS+ 450m/min(5x5) , 400m/min (7x5)	

Interface & COM

- 10.4" TFT color screen
- USB port-easy upgrading
- Ethernet port (10/100MB)
- RS232/485 port



Hydraulic System

- Diaphragm Pump with pressure overload protection system.
- 1500ml ink/solvent bottle, easy to refill
- Detector in ink/solvent bottle to give alarm when lack of sufficient consumable

Ink Range

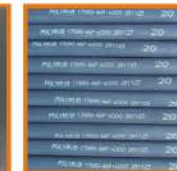
- Full range of inks for alternative applications



Print head



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Drucker a1 Plus Gen-2

Specifications

- 32 digits embeded LINUX operating system
- Gear pump, overload protection
- Auto nozzle flush at turn on/off
- USB flash disk, save/load print message & config easily
- Ink & Solvent bottle detector, ensures smooth running
- Pop-up window for regular maintenance
- 10" TFT color screen, standard smart-phone input

Software

- LINUX operating system
- Storage memory more than 2000 messages
- One key fast turn on/off
- Automatic error diagnosis and error history
- Pop-up window to remind changing filter
- Graphic/logo editing software integrated
- Password gives access to different level of users
- Multi operation languages available
- 3 counters & 4 shifts, automatically

Simple to Maintain

- No ink core, no ink module, no time bound spares to be replaced. Only one main ink filter is to be replaced.
- Ink filter life is 2000 - 6000 hrs. depending on the environment.

Physical Features

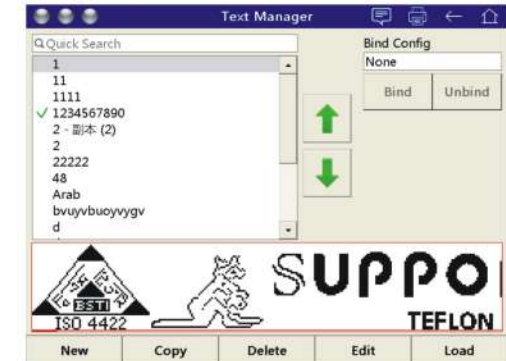
Protect level	IP54	Cabinet Size	H*W*L (550*300*320)mm
Umbilical hose	2500mm	Head Size	H*W*L (180*43*49)mm
Weight	32kg	Power Supply	AC110-220V 50/60Hz
Working T	5-45°C	Humidity	max 90% R.H., non-condensing
Pressure Pump	Made in USA Gear Pump	Vaccum Pump	Brush less Pump
Resonator	62.5K		

Printing Features

48 Dots maximum	Character printing height 1mm~15mm
6 Lines of 7x5 matrix or 8 Lines of 5x5 matrix	
No limit in max print characters	Bar codes supported
QR code supported	Expiry date, Logo supported
Multi-fonts available	55/70µ Nozzle as standard
Printing speed (one line): 220m/min(5x5) , 180m/min (7x5)	

Interface&COM

- 10" TFT color screen
- USB port-easy upgrading
- Ethernet port (10/100MB)
- RS232/485 port



Hydraulic System

- Gear Pump with pressure overload protection system, up to 10 year lifetime.
- 1500ml ink/solven bottle, easy to refill
- Detector in ink/solvent bottle to give alarm when lack of sufficient consumable

Ink Rage

- All type of Dye base ink



Print head



Consumable refill



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DRUCKER® D16

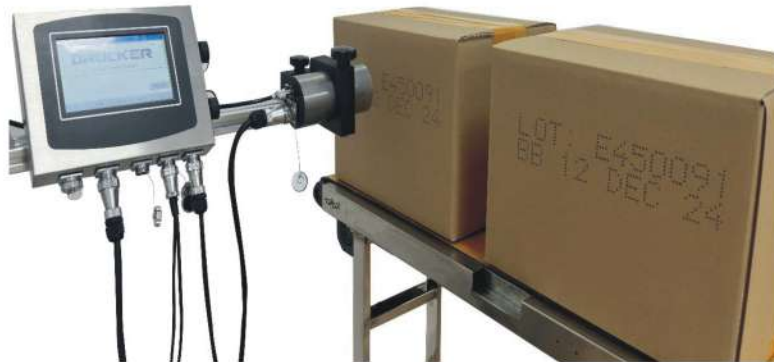
Valve-Jet DOD Large Character Coder



With wide choices of printheads and inks, Drucker D16 is able to print on various surfaces **including porous and non-porous materials**. **Up to two printheads** for opposite side case coding, and offers multiple printer control from one screen for more complex, multi-line coding applications.

Compact printhead design provides easy integrations into existing conveyance systems.

Advanced printhead slant control technology **allows the printhead to be mounted at a specified angle** so the text message style, density and height can **be matched easily to all kinds of case design**.



Uptime Advantage

- Supports one 16-valve or two 7-valve printheads to produce a variety of character heights and multi-line codes.
- One-key-access to clean printhead for clogs, true user-friendly experiences.

Built-in productivity

- On-screen editor allows creating & editing texts during production.
- On-screen indicators report equipment status, message preview, counts and other production details with one-key-access for controlling and interacting with the Drucker D16 coder.

Code Assurance

- Ready to connect to all Ethernet devices, including scales and scanners, throughout the whole production.
- Control and access can be limited with passwords to help ensure your production continues unimpeded.

Simple usability

- Built-in configuration wizard shortens system setup time by guiding the operator through installation process.
- Printer can operate in stand alone mode using intuitive interface or be networked to PLCs or factory management systems for centralized control.

Build-in Software features

- Time of day, internal or remote
- Real-Time-Clock
- Counters : increment\decrement numbers
- Remote via RJ45 (Ethernet) or RS232/RS485
- Print delay by sec\encoder pulse
- Print orientation : inverted, reversed or both

Fonts & Print Formats

- Upper & lower case characters
- Bold characters
- Multi-stroke characters
- Adjustable character widths
- Multi-national languages
- Print orientation : inverted, reversed or both

What's in the package

- Drucker DOD 1.0 controller
- Power supply cod
- Printhead(s)
- Printhead cable(s)
- Bracket kit
- Photo-eye sensor
- Ink System unit
- Shaft-encoder (optional)
- Daily service kit

Ink consumption data (per liter)

- D7&D16 @150µm : 7,000,000 dots for print
- D7&D16 @200µm : 3,800,000 dots for print

Print height & print speeds

Printhead	Dots	Height (0°)	Height (74°)	Max Speed (0°)	Max Speed (74°)
D7 1.0	7	31.5 mm 1.24 inch	13 mm 0.51 inch	82 mtr/mm 269 ft/min	67 mtr/mm 220 ft/min
D16 1.0	16	62.7 mm 2.47 inch	24.5 mm 0.97 inch	82 mtr/mm 269 ft/min	67 mtr/mm 220 ft/min

Electrical Specifications

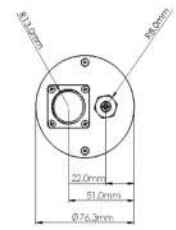
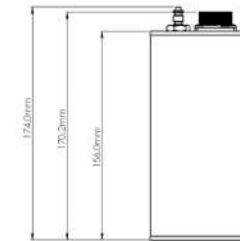
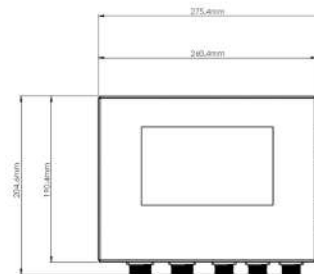
- Voltage : 100–240 VAC, 50-60 Hz
- Input Current : 1.1 A Max

Environmental Specifications

- Operating temperature: 5°C to 45°C (41°F to 113°F)
- Relative humidity : 10 to 90% non-condensing
- Protection Level : IP 65

Weight

- Drucker DOD 1.0 Controller : 2.50 KG (5.51 lbs.)
- Drucker D7 1.0 Printhead : 1.00 KG (2.20 lbs.)
- Drucker D16 1.0 Printhead : 1.05 KG (2.31 lbs.)
- Complete set of Drucker D7/D16 : 10.00 KG (22.4 lbs.)



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Drucker a1 Pigment

Specifications

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Software

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- Multi operation languages available
- 3 counters & 4 shifts, automatically

Simple to Maintain

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- Ink filter life is 2000 - 6000 hrs. depending on the environment.

Physical Features

Protect level	IP54	Cabinet Size	H*W*L (550*300*320)mm
Umbilical hose	2500mm	Head Size	H*W*L (180*43*49)mm
Weight	32kg	Power Supply	AC110-220V 50/60Hz
Working T	5-45°C	Humidity	max 90% R.H., non-condensing
Pressure Pump	Gear Pump	Vaccum Pump	Brush less Pump
Resonator	62.5K		

Printing Features

48 Dots maximum, 6 Lines of 7x5 font	Character printing height 1mm~15mm
No limit in max print characters	Bar codes supported
QR code supported	Expiry date, Logo supported
Multi-fonts available	55/70µ Nozzle as standard
Printing speed (one line): 220m/min(5x5) , 180m/min (7x5)	

Interface&COM

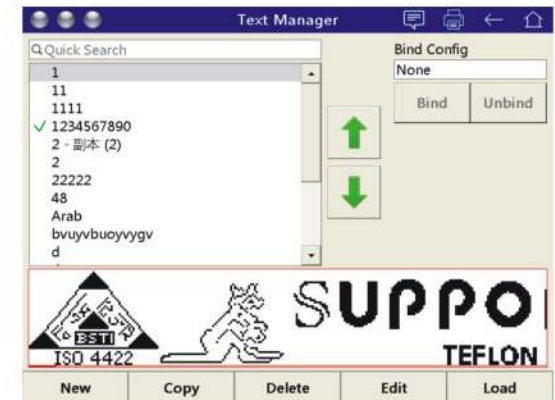
- 7" TFT color screen
- USB port-easy upgrading
- Ethernet port (10/100MB)
- RS232/485 port

Hydraulic System

- Gear Pump with pressure overload protection system, up to 10 year lifetime.
- 1500ml ink/solven bottle, easy to refill
- Detector in ink/solvent bottle to give alarm when lack of sufficient consumable

Ink Rage

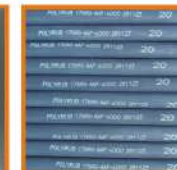
- All type of pigment & soft pigment base ink



Print head



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