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Wall Printing Machine

Discover the innovative realm of wall printing machines, a cutting-edge technology that facilitates the creation of captivating patterns and images directly onto your walls. This unique printing solution empowers you to seamlessly print in a vertical orientation, revolutionizing the way we approach wall aesthetics. This advanced technology is a preferred choice for elevating the visual appeal of your space by introducing bespoke designs to any vertical surface. Embrace the possibilities and explore our 3D Wall Printer.

Understanding Wall Printers

Delve into the world of wall printers, a technology that has garnered increased attention in recent years. While traditional printing methods and 3D applications have primarily focused on horizontal surfaces, the significance of printing on vertical areas has risen sharply.

The wall printer, an emerging technology, delivers an exceptional printing process tailored for vertical spaces like walls. Embrace the opportunity to adorn any vertical surface with unique and unconventional designs.

The versatility extends beyond walls, allowing application on various surfaces. Explore the capabilities of our 3D Wall Printing Machine technology, enabling the creation of three-dimensional designs on vertical surfaces. Witness the magic directly on surfaces through our showcased wall printing machine applications on our YouTube channel.

Key Features of Wall Printing Machine Technology

Explore the remarkable features of vertical wall printer technology, offering unparalleled printing applications with key attributes, including:

- Unlimited print heights and lengths.
- High profitability with almost negligible ink consumption.
- Impressive printing speed of up to 2-6 square meters per hour.
- Quick setup, requiring just 10 minutes before initiating printing.
- Accommodates images of nearly any size on walls.
- Permanent application of designs on desired surfaces.
- Immediate drying with UV ink usage.
- Guide rails to minimize error rates.
- Direct surface printing capability.



Versatility Across Surfaces

The distinguishing factor of Wall Printing machines lies in their ability to be applied across a myriad of surfaces in vertical spaces. Irrespective of the construction materials or characteristics, these printers seamlessly imprint on vertical surfaces. Unleash your creativity by effortlessly applying desired images on these surfaces, recognizing that print quality may vary based on the surface and its characteristics.



Operational Mechanism of Wall Printing Machines

Wall printing machines operate by directly applying prints to surfaces, resembling the familiar process of printing on paper with an inkjet printer. The use of UV inks ensures immediate drying. Compact in design, these printers are suitable for utilization in both expansive areas and smaller rooms. Common applications of Wall UV printers span diverse settings, including hotels, banks, schools, conference halls, sports facilities, industrial spaces, restaurants, cafes, entertainment venues, fuel stations, official institutions, museums, and fairs.

Introducing the 3D Wall Printer

Our 3D Wall Printer stands out as a premium product crafted from top-quality materials, delivering exceptional print quality. Boasting state-of-the-art hardware features, this printer offers ease of transportation, straightforward installation, and vivid, high-quality printing. Widely embraced in villas, hotels, restaurants, cafes, museums, and fairs, this printer redefines the standards of wall printing technology.

Navigating Wall Printing Machine Prices

The prices of wall printing machines vary based on features, size, and other critical specifications. For detailed information and personalized quotes, reach out to us. Unleash your design potential with a top-notch wall printing machine – contact us to receive a quote and embark on a journey of unparalleled creativity.



What is the drying time for the wall after printing?

One of the standout features of our printer lies in its ability to produce instantly dry work. Wondering how? The secret is encapsulated in two words: UV. Lamp.

My wall is quite lengthy; is that a concern?

Absolutely not. There's no imposed length limit; regardless of the length, we can accommodate it. Moreover, our printer can effortlessly handle prints up to 4.5 meters in height.

(Note: Due to inkjet technology constraints, there are margins in corners adjacent to walls, floors, and ceilings. These measure 10 cm on the left, 10 cm on the right, 20 cm on the top, and 20 cm on the bottom.)

Can the printer handle uneven surfaces?

Our printer is equipped with laser sensors to preemptively detect unevenness and ensure it navigates without any collisions with the wall.

Is there a way to preview the appearance?

To gauge how your design will look in reality, printing it on a high-quality inkjet printer on regular paper provides a close approximation. We have satisfied customers eager to showcase their prints. Simply get in touch, and we'll arrange an opportunity for you to inspect these remarkable murals.

Does the ground need to be perfectly flat?

Yes, a solid and level ground is imperative. If this isn't the case, a platform structure must be set up. Given the printer's weight of approximately 70 kilos, a stable ground is essential.



What types of designs can be printed?

Virtually any graphic, sketch, image, logo, or text can be printed using our technology.

Does the ink undergo fading over time?

Rest assured, the ink maintains its quality for up to 12 years indoors and 3 years outdoors.



Which surfaces/substrates are compatible for printing?

Our resilient plastic-like UV ink, quick-cured under the integrated UV lamp, can be applied to a wide array of materials (substrates). Tested and proven surfaces include plastic, wallpaper, wood, brick, paint, stone, plastic, most tiles, and more. If you wish to print on a surface not encountered yet, we conduct a test print for validation.

Spec	details
PRINthead	Epson DX7
PRINthead RESOLUTION	1440*2880
Supported Image Formats	EPS, JPEG, JPG, PSD, TIFF
PRINTABLE SIZE	3M height* length no limited
PRINT SPEED	Up to 14 sq ft/hr (1.5 sq m/hr) The WP-UV-T Wall Printer is capable of printing at
SHIPPING DIMENSIONS (PACKAGING)	66 * 81 * 159 CM
Ink (which types on NAZDAR inks)	CMYK + White, oil-based UV-ink for Epson printheads
CONNECTION PORTS	2 x USB
PRINT TECHNOLOGY	VSdT variable ink drop technology, precision printing via laser crosshair
MACHINE BODY	Aluminum-magnesium alloy profile, frame structure.
OPERATIONg SYSTEM	12 inch capacitive screen, resolution 1024x768, Intel Core i3 dual-core processor, 4GB RAM, 120GB SSD, Windows 7 Operating System, WiFi capabilities
SURFACE SENSOR	2 ultrasonic sensors, bidirectional operation
ENVIRONMENT	Without ink: 14° to 120°F (-10° to 49°C), 10% – 80% relative humidity With ink: 60° to 90°F (15° to 32°C), 10% – 80% relative humidity

