

# Laser Lift-Off (LLO) Machines Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/LC92325E08FFEN.html>

Date: August 2022

Pages: 79

Price: US\$ 3,250.00 (Single User License)

ID: LC92325E08FFEN

## Abstracts

Laser Lift-off is a technology used to detach the material layer from the substrate by irradiating a laser on the material layer formed on the substrate. The Laser Lift-Off (LLO) Machine detaches a flexible display from a carrier glass substrate without applying stress to it. The laser Lift-Off (LLO) Machine can be used for a variety of applications, such as GaN lift-off from glass and sapphire substrates in microLED display manufacturing as well as in semiconductor manufacturing.

This report contains market size and forecasts of Laser Lift-Off (LLO) Machines in global, including the following market information:

Global Laser Lift-Off (LLO) Machines Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Laser Lift-Off (LLO) Machines Market Sales, 2017-2022, 2023-2028, (Units)

Global top five Laser Lift-Off (LLO) Machines companies in 2021 (%)

The global Laser Lift-Off (LLO) Machines market was valued at 282.8 million in 2021 and is projected to reach US\$ 347.5 million by 2028, at a CAGR of 3.0% during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Excimer Lasers Lift-Off (LLO) Machines Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Laser Lift-Off (LLO) Machines include AP Systems, DISCO Corporation, Philoptics, Coherent, EO Technics, JSW Aktina System, IPG Photonics, HAN'S DSI and KOSES, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Laser Lift-Off (LLO) Machines manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Laser Lift-Off (LLO) Machines Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Laser Lift-Off (LLO) Machines Market Segment Percentages, by Type, 2021 (%)

Excimer Lasers Lift-Off (LLO) Machines

DPSS Lasers Lift-Off (LLO) Machines

Global Laser Lift-Off (LLO) Machines Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Laser Lift-Off (LLO) Machines Market Segment Percentages, by Application, 2021 (%)

OLED

Others

Global Laser Lift-Off (LLO) Machines Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Laser Lift-Off (LLO) Machines Market Segment Percentages, By Region and Country, 2021 (%)

## North America

US

Canada

Mexico

## Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

## Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

## South America

Brazil

Argentina

Rest of South America

## Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Laser Lift-Off (LLO) Machines revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Laser Lift-Off (LLO) Machines revenues share in global market, 2021 (%)

Key companies Laser Lift-Off (LLO) Machines sales in global market, 2017-2022 (Estimated), (Units)

Key companies Laser Lift-Off (LLO) Machines sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

AP Systems

DISCO Corporation

Phloptics

Coherent

EO Technics

JSW Aktina System

IPG Photonics

HAN'S DSI

KOSES

3D-Micromac

Hardram

QMC

Maxwell Technologies

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