

A Star is born **GEMINI STAR**



**More compact but at the same
time effective configuration**

**An entry level laser die-cutting
converting machine**

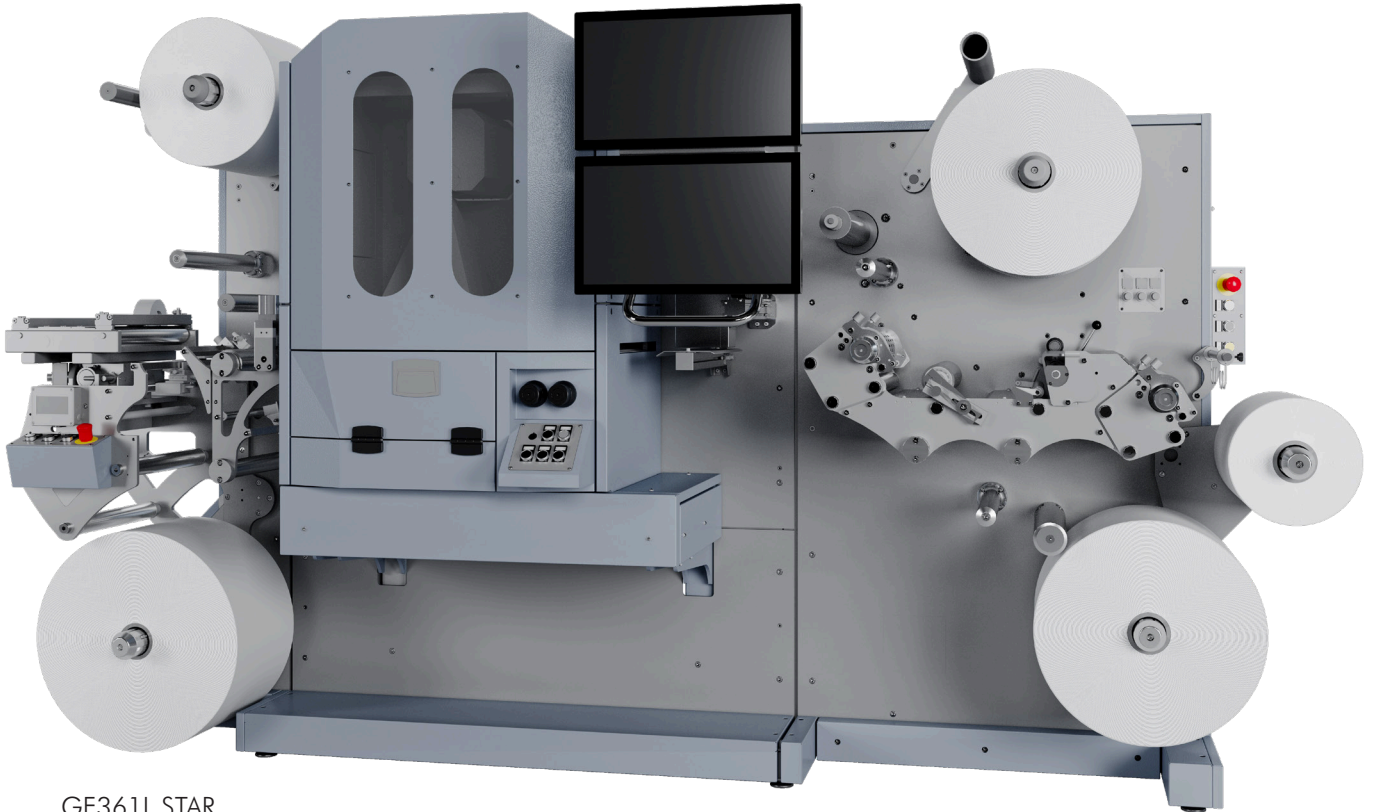


GEMINI SERIES STAR-Line

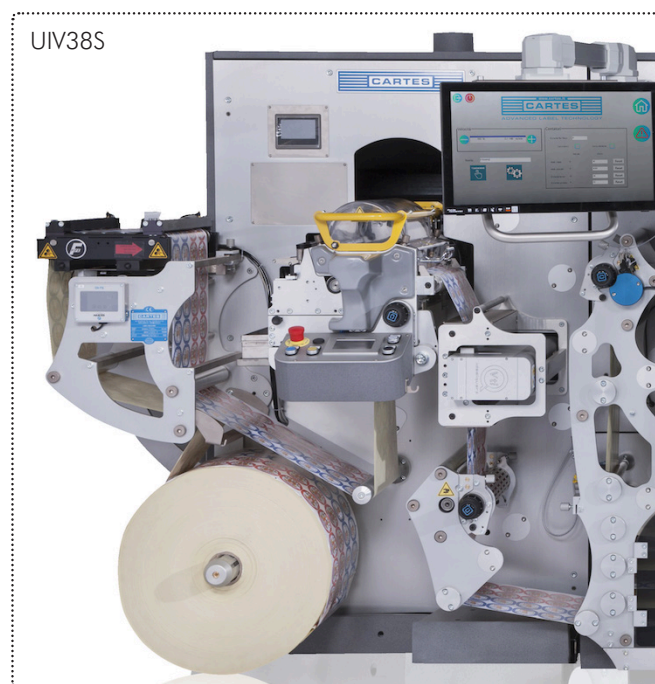
Industry 4.0

The LASER finishing solution

The GEMINI LASER STAR-Line can be configured with a Flexo varnishing module, lamination device, web inspection, label shifter and additional rewinders.



GE361L STAR



Flexo unit available

Features

Maximum accuracy

Automatic centering device:

The machines can correct the possible gap irregularities detected on pre-printed materials, ensuring a maximum precision.

Energy saving

The IGBT technology and the centralized management system of drives power supply allow sharing energy between brushless motors during the operation of the machine; the energy released by the motors during braking phase is reused or even returned to the power grid that results in energy savings from 30 up to 40%.

Easy operation

HMI on the PC to control and supervise all machine functions.

Remote connection

Our remote diagnostic system allows a CARTES specialist to remotely access your machine and analyze the problem and, often, fix the issue you are having right away.

The remote connection also is a simple way to receive software updates as soon as they are available in the future. If a service visit is necessary then one of our Service Engineers will arrive at your factory already knowing what the problem is, how to fix it, as well as what replacement parts are necessary.

Technical data

General	Max web width	360 mm - (14 in)
	Min web width	100 mm - (4 in)
	Max unwinding & rewinding roll diameter	600 mm - (23.6 in)
	Maximum matrix roll diameter	650 mm - (25.6 in)
	Independent tensioning stripping system	included
	Automatic control for waste rewinding	included
	Max running speed	up to 140 m/min - (459ft/min)
Longitudinal slitting	Swinging razor blades	min 15 mm - (19/32 in)
Flexo varnishing unit UIV38S (optional)	Max running speed	up to 140 m/min - (459 ft/min)
UV Curing System (optional)	Stepless adjustable power	from 40 to 160 W/cm
Laser die-cutting unit	Working area	up to 350 mm - (13.8 in)
	Unlimited lifetime Self-Refilling NEP 350W Laser	semi-sealed® CO ₂ self-refilling source
	Laser Sealed-Off sourcing from 170W to 300W	sealed CO ₂
	Cutting path speed	up to 700 m/min - (2300 ft/min)
	Cutting spot size	170 μm



CARTES s.r.l.

Headquarters

2, Via Michelangelo - 46024 Moglia (MANTOVA) ITALY

Tel. + 39 0376 511 511

Fax + 39 0376 55 77 55

www.cartes.it - info@cartes.it

CARTES USA Inc

230 Highway 35

Red Bank, NJ 07701-5910

Phone: (732) 933-4865

www.cartes-usa.com - info@cartes-usa.com