



INDUSTRY IS
KEEPING CHANGE
BECAUSE OF US

行业因我们而改变



浙江欧诺机械科技股份有限公司
ZHEJIANG OUNUO MACHINERY TECH. CO.,LTD

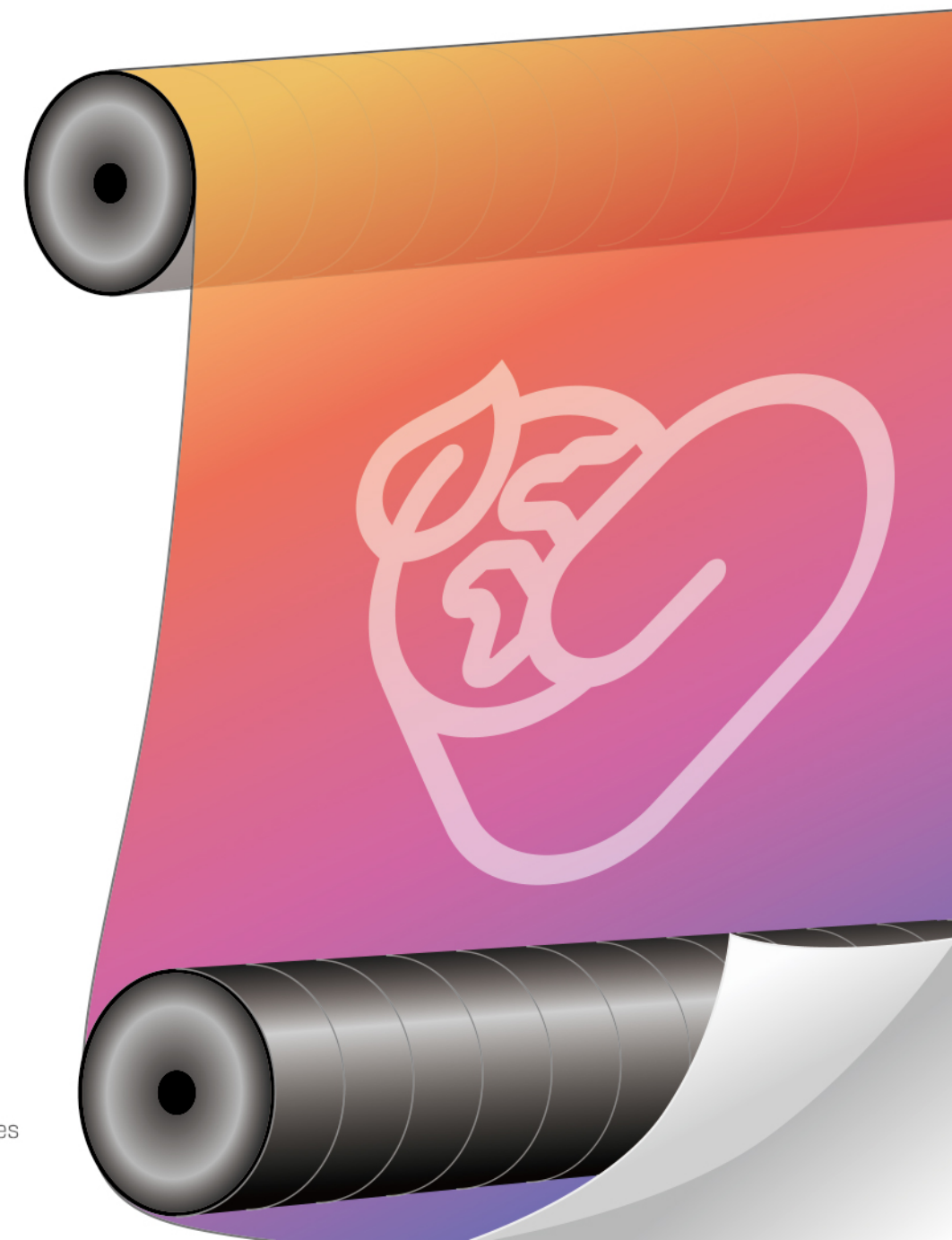
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CE ISO9001:2008

凹版印刷机系列
Rotogravure Printing Machine Series



Ounuo Let The Dream Move Forward,
Brand New Digitalized Factory Plant To Provide You With
More Comprehensive Service.

TOP BRAND

**CHANGES
THE WORLD**

GLOBAL LEADER IN SMART & SUSTAINABLE PACKAGING —Zhejiang **Ounuo Machinery Tech.** Co.,Ltd.

Zhejiang Ounuo Machinery Tech. Co.,Ltd focuses on R&D, manufacturing and total solutions for the packaging and printing industry, including nonwoven bag making machines, paper bag making machines, post-press equipment (die-cutting machines), rotogravure printing machines, paper moulding machines, etc. Driven by market demand and technological innovation, we identify hidden market needs, develop innovative products, create new industrial value through technological breakthroughs, and deeply integrate technology with the market.



STARTING TO **KNOW US FROM HERE**

It's conception of energy saving, eco-friendly and efficiency, which still lead to develop industry.

2006~2010

2006

We Start From Here

2008

China Issue The Plastic Ban

We Get The First Of
Our International Customer

2010

Invest 1 Million For Factory Lease

We Found Ounuo Brand

2011~2019

2011

We Open The Wine Packing
Market In Sichuan Province

We Organize Our Professional And
Strong Work Team, We Keep Learning,
We Keep Changing

2012

In-House,
Modern Production Plant

Became A Leader Of Non Woven
Bag Making Machine Industry

2016

Brand-new Plant -larger,
More Professional

Precision-centric Manufacturing With
CNC Machining Centers,
Ensuring Quality From The Ground Up

2020~2024

2020

Digitalized Factory

2021

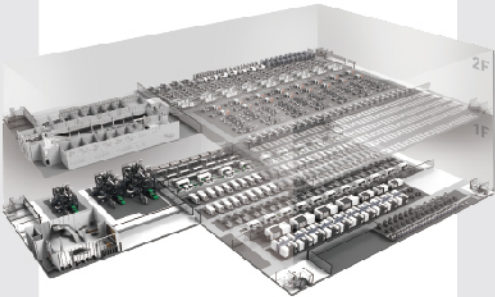
Japanese High-Precision
Machining Centers Advancing
Nonwoven Industry Standards

2025~

2025

130000m² digitalized
factory put into use

...



PIONEERING AND ENTERPRISING

IS OUR
NATURE

300+ More Patents are under processing

We have total 300+ patents (including 100+ invention patents)
more patents are under processing



ISO 9001:2015
ISO 9001:2008

International Quality
System Certification

International Quality
Management Certification



GB/T 24001-2004
ISO 14001:2004

National High-Tech
Enterprise



CE certification

LVD201211005 MD201211005
LVD201211004 MD201211004



National
High-Tech Enterprise





Mes System

China's most advanced intelligent CNC center with Efficient MES



CNC PROCESS CENTER

Mazak Nine Axis Five Linkage Turning and Milling Composite Center

Reduce the accuracy error of the gearbox and core parts of rogravure printing machine



Okuma, Japan

Solve the accuracy problem of the wallboard and the crotch of the rogravure printing machine, and the error is controlled within $\pm 0.02\text{mm}$



DIGITAL MANUFACTURING CENTER

Japanese Mazak Nine Axle Vertical Car Composite

Reduce the accuracy error of the
gravure printing machine gearbox



Japanese Mazak Flexible Production Line Horizontal Addition

Solve a small variety of high-precision production accessories and
achieve 24-hour fully automatic processing.





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1

Ensure The Installation Accuracy Of Each Device

1 Dynamic Balance

Solve the problem of guide roller jumping by 1 thread and 2 grams

3 Three Coordinate System

Testing equipment accessory accuracy

2 Laser Alignment Instrument

4 Laser measuring instrument



4

EXTREMELY LARGE SCALE

Advanced R&D and powerful production capability

Keep innovation and learning, continue to provide high efficient energy-saving quality products. Make sure our customer can get good quality products.

PRODUCTION ENVIRONMENT



HONOR

4.0

OYANG ELS Rotogravure Printing Machine

- Efficient And Stable Winding Mechanism
- Advanced And Environmentally Friendly Drying System
- Comprehensive And Reliable Equipment Safety
- Intelligent And Accurate Printing Unit

	Parameter	Honor 4.0	
Machine Specifications	Max Speed	450m/min (Min. plate Φ191mm)	
	Production Speed	400m/min	
	Unwinding/Rewinding Diameter	Max.Φ800mm	
	Unwinding/Rewinding Mechanism	Standard: tower-type with synchronous belt drive. (Disc-type servo direct-drive mechanism is optional.)	
	Side Frame	Lower Side Frame	75mm Nodular Iron
		Upper Side Frame	40mm Nodular Iron
	Servo Gearbox + Lateral Register		Servo Gearbox with Inner/Outer Sleeve Dual-Shaft Top Plate
	Doctor Blade Device		Box-Type Rigid Doctor Blade
	Ink Trough Mechanism		Fully Enclosed Ink Trough
	Impression Device		Direct Pressure Type with 80mm Cylinder
	Ink Transfer Device		Standard Configuration
	Drying Oven	Standard Printing Unit	Suspension Oven, Length: 1800mm
		Tall Printing Unit	Suspension Oven, Length: 2300mm
		Hot Air System	Air Supply + Independent Exhaust Structure
		Water Cooling Device	New Low-Drag Φ150mm Water-Cooled Roller
		Floor Exhaust	Equipped with Floor Drain
Electrical Specifications	Air Cooling Device		Standard
	Control System		B&R Electronic Shaft System Kersai Electronic Shaft 4.0 System
	Unwinding/Rewinding Motor Power		11kW Variable Frequency Motor (Zhi Ma) +ABB Drive 11kW Variable Frequency Motor (Zhi Ma) +Inovance Drive
	Traction Motor Power		Servo 5.6kW/7.1kW + Gearbox Servo 5kW (Direct Drive)
	Printing Unit Motor Power		Servo 5.6kW/7.1kW + Gearbox Servo 5kW (Direct Drive)
	Main HMI (Unwinding)		19-inch Touchscreen
	Unwinding/Traction Interface		10-inch Touchscreen
	Printing Unit Color Register Screen		7-inch Touchscreen





HONOR 3.5 PLUS

OYANG ELS Rotogravure Printing Machine

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 Efficient And Stable Winding Mechanism
- 
 Advanced And Environmentally Friendly Drying System
- 
 Comprehensive And Reliable Equipment Safety
- 
 Intelligent And Accurate Printing Unit

Parameter		Honor 3.5PLUS	
Machine Specifications	Max Speed	350m/min (Min. plate Φ191mm)	
	Production Speed	330m/min	
	Unwinding/Rewinding Diameter	Max.Φ800mm	
	Unwinding/Rewinding Mechanism	Standard: tower-type with synchronous belt drive.	
	Side Frame	Lower Side Frame	75mm Nodular Iron
		Upper Side Frame	40mm Nodular Iron
		Servo Gearbox + Lateral Register	Servo Gearbox with Inner/Outer Sleeve Dual-Shaft Top Plate
		Doctor Blade Device	Box-Type Rigid Doctor Blade
		Ink Trough Mechanism	Fully Enclosed Ink Trough
		Impression Device	Swing Arm Type with 80mm Cylinder
Electrical Specifications		Ink Transfer Device	Standard Configuration
	Drying Oven	Standard Printing Unit	Suspension Oven, Length: 1800mm
		Tall Printing Unit	Suspension Oven, Length: 2300mm
		Hot Air System	Air Supply + Independent Exhaust Structure
		Water Cooling Device	New Low-Drag Φ150mm Water-Cooled Roller
		Floor Exhaust	Equipped with Floor Drain
		Air Cooling Device	Standard
		Control System	B&R Electronic Shaft System Kersai Electronic Shaft 3.0 System
		Unwinding/Rewinding Motor Power	7.5 kW Variable Frequency Motor (Zhi Ma) 7.5kW Variable Frequency Motor (Zhi Ma) +ABB Drive +Hnovance Drive
		Traction Motor Power	Servo 5 kW/ 6 kW + Gearbox Servo 5kW (Direct Drive)
		Printing Unit Motor Power	Servo 5 kW/ 6 kW + Gearbox Servo 5kW (Direct Drive)
		Main HMI (Unwinding)	19-inch Touchscreen
		Unwinding/Traction Interface	10-inch Touchscreen
		Printing Unit Color Register Screen	7-inch Touchscreen



HONOR

3.5

OYANG ELS Rotogravure Printing Machine

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Efficient And Stable Winding Mechanism



Advanced And Environmentally Friendly Drying System



Comprehensive And Reliable Equipment Safety



Intelligent And Accurate Printing Unit

	Parameter	Honor 3.5	
Machine Specifications	Max Speed	320m/min（Min. plateΦ175mm）	
	Production Speed	300m/min	
	Unwinding/Rewinding Diameter	Max.Φ600mm/Max.Φ800mm	
	Unwinding/Rewinding Mechanism	Tower-type with timing belt drive	
	Side Frame	Lower Side Frame	50mm Cast Iron
		Upper Side Frame	20mm Steel Plate
	Servo Gearbox + Lateral Register	Servo Gearbox with Single-Shaft Top Plate	
	Doctor Blade Device	Dual-Shaft Pneumatic Doctor Blade	
	Ink Trough Mechanism	Semi-Enclosed Ink Trough	
	Impression Device	Swing Arm Type with 63mm Cylinder	
	Ink Transfer Device	Standard Configuration	
	Drying Oven	Standard Printing Unit	Suspension Oven, Length: 1500mm
		Tall Printing Unit	Suspension Oven, Length: 1800mm
		Hot Air System	Air Supply + Independent Exhaust Structure
		Water Cooling Device	Φ150mm Cooling Roller
		Floor Exhaust	None
		Air Cooling Device	Standard
Electrical Specifications		Control System	Kersai Electronic Shaft 3.0 System
	Unwinding/Rewinding Motor Power	5.5kW/ 7.5kW Variable Frequency Motor (Danmark) Inovance Drive	
	Traction Motor Power	AC 3kW Variable Frequency Motor	
	Printing Unit Motor Power	Direct-Drive Servo 3.6kW	
	Main HMI (Unwinding)	15-inch Touchscreen	
	Unwinding/Traction Interface	10-inch Touchscreen	
	Printing Unit Color Register Screen	7-inch Touchscreen	



EASYPRINT 3.0

OYANG ELS Rotogravure Printing Machine

	Parameter	EASYPRINT 3.0
Machine Specifications	Max Speed	280m/min (Min. plateΦ175mm)
	Production Speed	220m/min
	Unwinding/Rewinding Diameter	Max.Φ600mm/Max.Φ800mm
	Unwinding/Rewinding Mechanism	Tower-type with timing belt drive
	Side Frame	
	Lower Side Frame	50mm Cast Iron
	Upper Side Frame	20mm Steel Plate
	Servo Gearbox + Lateral Register	Servo Gearbox with Single-Shaft Top Plate
	Doctor Blade Device	Dual-Shaft Pneumatic Doctor Blade
	Ink Trough Mechanism	Semi-Covered Ink Trough
	Impression Device	Swing Arm Type with 63mm Cylinder
	Ink Transfer Device	Standard Configuration
	Drying Oven	
	Standard Printing Unit	Length: 1600mm
	Tall Printing Unit	Length: 1800mm
Electrical Specifications	Hot Air System	One-Drive-One Configuration
	Water Cooling Device	Φ150mm Cooling Roller
	Floor Exhaust	None
	Air Cooling Device	Optional
	Control System	Kersai Electronic Shaft System
	Unwinding/Rewinding Motor Power	5.5kW Variable Frequency Motor (Φ600) 7.5kW Variable Frequency Motor (Φ800)
	Traction Motor Power	AC 3 kW Variable Frequency Motor
	Printing Unit Motor Power	Direct-Drive Servo 3.6 kW
	Main HMI (Unwinding)	15-inch Touchscreen
	Unwinding/Traction Interface	None
	Printing Unit Color Register Screen	7-inch Touchscreen



Expanding The Global Network

BUILD THE BEST SUPPLY SYSTEM

扩展全球网络
构建最佳的供应体系



加入我们一起努力
给世界带来微小而美好的改变!

Join Us, Try Our Best Together
Bring Small But Beautiful Changes
To The World

贴心服务 Close Service

在全球范围内贴近客户，共同研发，可靠的质量和全面的服务支持并不是空话，这更像是每天的必修课在提醒我们，要怀有饱满的热情为你解忧。

In the global market, it is no vain to conduct a heart-to-heart to the users and jointly research and develop, so we can supply you an around reliable service and support. This is just like the job we have to do every day, which requests us to be vigorous and passionate.

加强新的增长组合 Reinforcement of New Growth Portfolio

时代的变迁，科技的变化永无止境！欧诺机械以技术、品质、人性化设计和最完美的服务，让您得到最好的产品。

The change of times, the change of science and technology is endless! Ounuo machinery with technology, quality, humanized design and the most perfect service, let you get the best products.

提高产品交付能力 Enhancement of Project Delivery Capabilities

在未来，我们以卓越的有竞争力的产品、革新的环保生产解决方案，以及密切的合作伙伴关系为基础，为客户创造需求至上的价值和无限的可能性。

In the future, based on superior competitive products, innovative environmentally friendly production solutions, and close partnership, we will create value and unlimited possibilities for our customers.

销售国家 与地区 Nations & Regions of sales	Europe	30
	North America	10
	South America	22
	Asia	65
	Middle East	18
	Africa	20

全球网络中的运营点数量
Number of Operational Sites
in the Global Network

170

NOTE