AUTOMATIC SCREEN PRINTING EQUIPMENT

Guangzhou Winshol Tech Co., Ltd

Roll-to-roll and sheet-fed printing
CCD registration, cold foil, drying and web handling



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Product configurations and technical specifications

Equipment for labels, packaging, industrial films and selected electronic-material applications.

About Winshol

Automatic screen printing equipment from Guangdong, China

Guangzhou Winshol Tech Co., Ltd is a manufacturer of automatic screen printing equipment based in Guangzhou, China, with a shared manufacturing operation in Dongguan, Guangdong. Winshol supports overseas customers with machine selection and application review.

Our equipment range includes roll-to-roll and sheet-fed screen printing machines, CCD visual registration systems, cold foil units, UV curing, hot-air drying and web handling equipment. These systems serve labels, packaging and films, as well as membrane switches and selected electronic-material applications.

We review substrates, artwork, inks, registration needs and production targets to propose suitable configurations. Sample trials support process evaluation. OEM/ODM projects and integrated production lines are available for review with our engineering team.

Engineering support

Application review and sample trials help match the printing, registration and drying process to your actual materials.

Production formats

Continuous web production and automatic sheet feeding cover different manufacturing workflows.

International projects

Machine configuration, documentation and service arrangements are reviewed for each project.

Additional models in the equipment range

WL-500D, WL-600D, WL-500-LTJ and WL-750DW. Contact Winshol for configuration details.

Official company information

https://www.winshol.com/about-us/

Quality and manufacturing

Equipment design, process support and factory documentation

Quality in every detail

Quality is a continuing priority throughout manufacturing. Functional design starts with actual production needs and avoids unnecessary features.

Practical operation

Equipment design connects operators, machines and materials to support efficient production and straightforward operation.

Durability and improvement

Continued technical development focuses on useful functions, ease of operation and durable construction.

Working principles

Teamwork, progress, efficiency and gratitude guide the business. Careful work, prompt execution and keeping commitments support customer service.

Factory quality system

The manufacturing documentation references GB/T 19001-2016 / ISO 9001:2015.

Model-specific conformity

CE documentation is available for selected machine models. Confirm the applicable model, holder and scope for each project.

Patent records

Cold foil machine: ZL202120813409.0. Screen printing machine anti-ink-drip function: ZL202421471590.1.

Document verification

Certificates and patents relate to the shared manufacturing operation. Original legal documents remain under their recorded holders and have not been reissued to Winshol in this catalogue.

Current documentation: https://www.winshol.com/about-us/

Materials and applications

Machine selection starts with the substrate and printing process

Film substrates

PET, PP, PC, PVC, PE and BOPP films.

Labels and packaging

Personal care labels, self-adhesive labels, packaging, shrink films, specialty adhesive stock and release paper.

Industrial graphics and electronics

Equipment nameplates, membrane switches, graphic overlays, flexible circuits, IMD, IML, FPC and electrostatic films.

Transfers and specialty printing

Heat-transfer films, water-transfer decals, ceramic decals, transfer paper, automotive graphics, rubber vulcanization labels, nonwoven fabrics, textile materials, leather and PTFE materials.



Custom machine configurations

Winshol can review special screen printing requirements with its engineering team. OEM/ODM projects can combine printing, registration, curing, drying and web handling.

Application review

Provide substrate samples, ink data and artwork so the engineering team can assess process suitability. Material compatibility depends on the selected equipment and operating conditions.

Product index

Label printing and drying configurations

No.	Model	Equipment	Configuration	Page
01	WL-350D	Single-Color UV Screen Printing Machine	Single color / UV curing	7
02	WL-350DW	Screen Printing and Vertical Cold Foil Machine	Screen registration correction / Vertical cold foil	8
03	WL-350D-CK-3D	Magnetic Effect Screen Printing Machine	Single color / UV curing	9
04	WL-350D-YT	Integrated UV Screen Printing Machine	Single color / UV curing	10
05	WL-350S	Two-Color UV Screen Printing Machine	Two colors / UV curing	11
06	WL-5045S	Two-Color UV Screen Printing Machine	Two colors / UV curing	12
07	WL-350-LTJ	Horizontal Cold Foil Stamping Machine	Horizontal cold foil	13
08	WL-350-3C	Three-Color UV Screen Printing Machine	Three colors / UV curing	14
09	WL-50120D	Screen Printing and Cold Foil Machine	Single printing station / Horizontal cold foil	15
10	WL-350D	Screen Printing Machine with Drying Oven	Left feed / Single color / Drying oven	16
11	WL-350D-Y	Screen Printing Machine with Drying Oven	Right feed / Single color / Drying oven	17
12	WL-350D	Steel Plate Screen Printing Machine	Single color / Spring-conveyor drying oven	18
13	WL-5045S	Two-Color Screen Printing Machine with Drying Oven	Two colors / Solvent-based inks / Drying oven	19

Product index

Registration, specialty printing and supporting equipment

No.	Model	Equipment	Configuration	Page
14	WL-5080DW	Three-Point Registration Screen Printing Machine	Single color / Drying oven	20
15	WL-5080CCD-Y	CCD Visual Registration Screen Printing Machine	Moving screen / Right feed / Drying oven	21
16	WL-5080CCD	CCD Visual Registration Screen Printing Machine	Moving screen / Left feed / Drying oven	22
17	WL-500XW	Inclined Screen Printing Machine	Single color / Drying oven	23
18	WL-6090D	Screen Printing and Cold Foil Machine	Integrated printing and cold foil	24
19	WL-850D	Screen Printing and Cold Foil Machine	LED UV curing / Cold foil	25
20	WL-500GT	Cylinder Screen Printing Machine	Single color / Drying oven	26
21	WL-5070PZ	Automatic Sheet-Fed Screen Printing Machine	Automatic sheet feeding	27
22	WL-500TB-LTJ	Intermittent Cold Foil Stamping Machine	Mark tracking / Foil-saving advance	28
23	WL-500ZY-KX	Inline Drying Oven	Left inlet / Right outlet	29
24	WL-500-YSS-KX	Pre-Shrink Drying Oven	Web pre-shrinking	30
25	WL-650-HZL-KX	Constant-Tension Drying Oven	Constant web tension	31
26	WL-500JPDJ	Web-Guiding Rewinder	Web guiding / Length counting	32

WL-350D

Single-Color UV Screen Printing Machine

Single color / UV curing

APPLICATION: Personal care and household product labels



Print head

CNC-machined aluminum print head. The squeegee and flood bar have independent angle and pressure adjustment. Pressure locks maintain stable settings during high-speed operation.

Machine frame

A rigid, one-piece cast frame supports stable high-speed operation with reduced vibration.

Web feed servo

Yaskawa or Fuji servo motors support precise material feeding and print registration.

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinder	1	Set
Printing machine	1	Set
Web transfer box	2	Set
Two-lamp UV dryer	1	Set
Rewinder	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

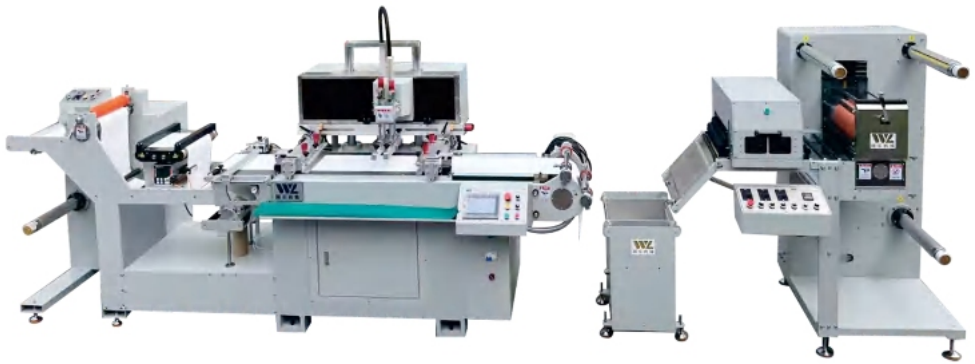
Parameter	Value	Unit
Screen frame size	550 x 700	mm
Maximum print area	330 x 450	mm
Maximum web width	350	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	2500 x 1100 x 1700	mm
Net weight	1300	kg
Gross weight	1800	kg
Main machine power supply	220	V
Squeegee servo power	0.75	kW
Web feed servo power	1.3	kW
Vacuum motor power	0.37	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-350DW

Screen Printing and Vertical Cold Foil Machine

Screen registration correction / Vertical cold foil



APPLICATION

Personal care and household product labels

STANDARD CONFIGURATION

Component	Qty	Unit
Integrated automatic unwinder	1	Set
Printing machine	1	Set
Two-lamp UV dryer	1	Set
Color-mark sensor	1	Set
Edge / color sensor	2	Set
Vacuum web transfer box	1	Set
Vertical cold foil unit	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	550 x 700	mm
Maximum print area	330 x 450	mm
Maximum web width	350	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	2000 x 1100 x 1700	mm
Net weight	1800	kg
Gross weight	2000	kg
Main machine power supply	380	V
Squeegee servo power	0.75	kW
Web feed servo power	1.3	kW
Vacuum motor power	0.37	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-350D-CK-3D

Magnetic Effect Screen Printing Machine

Single color / UV curing



APPLICATION

Security printing with rolling-bar, magnetic-ring and sphere effects

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinder	1	Set
Printing machine	1	Set
Magnetic control unit	1	Set
Web transfer box	2	Set
Two-lamp UV dryer	1	Set
Rewinder	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	550 x 700	mm
Maximum print area	330 x 450	mm
Maximum web width	350	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	3300 x 1100 x 1700	mm
Net weight	1300	kg
Gross weight	1800	kg
Main machine power supply	380	V
Squeegee servo power	0.75	kW
Web feed servo power	1.3	kW
Vacuum motor power	0.37	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-350D-YT

Integrated UV Screen Printing Machine

Single color / UV curing



Full tension control

Full tension control throughout the machine.

Water-cooled UV drying

The water-cooled two-lamp UV dryer accommodates heat-sensitive substrates, including shrink films and aluminum-plastic laminates, to prevent wrinkling and deformation.

APPLICATION

Personal care and household product labels

STANDARD CONFIGURATION

Component	Qty	Unit
Integrated automatic unwinder	1	Set
Screen printing machine	1	Set
Two-lamp UV dryer	1	Set
Water chiller	1	Set
Integrated automatic rewinder	1	Set
Squeegee	3	Set
Flood bar	3	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	550 x 700	mm
Maximum print area	330 x 450	mm
Maximum web width	350	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	2000 x 1100 x 1700	mm
Net weight	1300	kg
Gross weight	1800	kg
Main machine power supply	380	V
UV dryer power	6 x 2	kW
Squeegee servo power	0.75	kW
Web feed servo power	1.3	kW
Vacuum motor power	0.37	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-350S

Two-Color UV Screen Printing Machine

Two colors / UV curing

APPLICATION: Personal care and household product labels



Independent print heads

Prints two colors in one pass. Each print head can also operate independently.

Linear guides

Taiwan HIWIN precision linear guides support smooth, stable and durable print-head travel.

Vacuum plate

Back-side vacuum tensioning uses 0.8 mm holes to avoid marks on thin transparent materials, protect the printing surface and maintain constant tension.

Synchronized web handling

Unwinding and rewinding automatically follow changes in printing speed, reducing manual speed matching.

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinder	1	Set
Printing machine	1	Set
Web transfer box	2	Set
Two-lamp UV dryer	2	Set
Rewinder	1	Set
Squeegee	4	Set
Flood bar	4	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	550 x 700	mm
Maximum print area	330 x 450	mm
Maximum web width	350	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	4300 x 1100 x 1700	mm
Net weight	1800	kg
Gross weight	2000	kg
Main machine power supply	220	V
UV dryer power supply	380	V
UV dryer power	6 x 2 x 2	kW
Squeegee servo power	0.75	kW
Web feed servo power	1.8	kW
Vacuum motor power	0.37	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-5045S

Two-Color UV Screen Printing Machine

Two colors / UV curing



APPLICATION

Personal care and household product labels

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinder	1	Set
Printing machine	1	Set
Web transfer box	2	Set
Two-lamp UV dryer	2	Set
Rewinder	1	Set
Squeegee	4	Set
Flood bar	4	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	700 x 700	mm
Maximum print area	500 x 450	mm
Maximum web width	500	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	4300 x 1300 x 1700	mm
Net weight	2000	kg
Gross weight	2300	kg
Main machine power supply	220	V
UV dryer power supply	380	V
UV dryer power	6 x 2 x 2	kW
Squeegee servo power	0.75	kW
Web feed servo power	1.8	kW
Vacuum motor power	0.37	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-350-LTJ

Horizontal Cold Foil Stamping Machine

Horizontal cold foil



Patented technology

Patent No. ZL202120813409.0. Unauthorized imitation is prohibited.

APPLICATION

Personal care and household product labels

STANDARD CONFIGURATION

Component	Qty	Unit
Single-lamp UV dryer	1	Set
Cold foil unit	1	Set
Two-lamp UV dryer (Installed in the second group)	1	Set
Heated roller	1	Set
Foil unwind shaft	1	Set
Waste foil rewind shaft	1	Set
Rewind shaft	1	Set

TECHNICAL SPECIFICATIONS

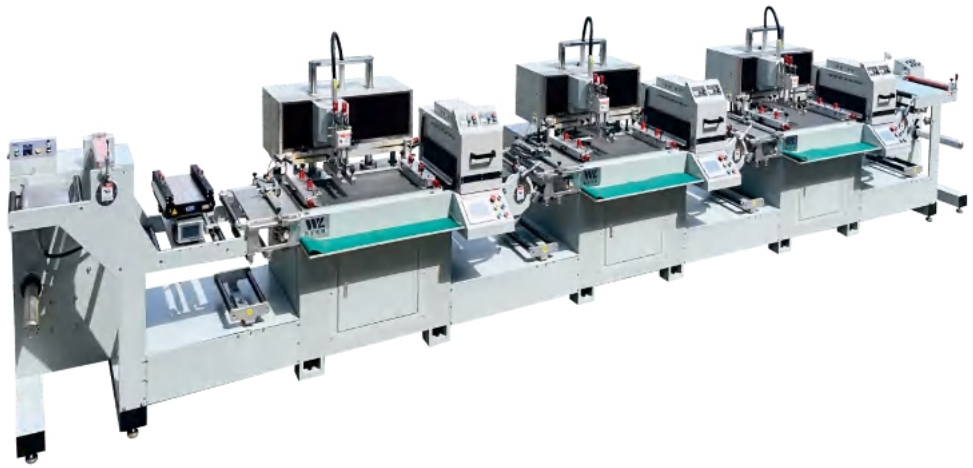
Parameter	Value	Unit
Maximum web width	350	mm
Maximum rewind diameter	400	mm
Maximum rewind load	40	kg
Foil stamping speed	0-15	m/min
Machine dimensions (L x W x H)	2500 x 1100 x 1750	mm
Net weight	200	kg
Gross weight	230	kg
Main machine power supply	220	V
UV dryer power supply	380	V
UV dryer power	6 + 6 + 6	kW
Web feed motor power	0.75	kW
Vacuum motor power	0.4	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-350-3C

Three-Color UV Screen Printing Machine

Three colors / UV curing



APPLICATION

Personal care labels, cigarette-pack liner paper and scratch-off silver printing

STANDARD CONFIGURATION

Component	Qty	Unit
Integrated automatic unwinder	1	Set
Printing machine	3	Set
Two-lamp UV dryer	3	Set
Rewinder	1	Set
Squeegee	6	Set
Flood bar	6	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	550 x 700	mm
Maximum print area	330 x 450	mm
Maximum web width	450	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	9500 x 1200 x 1700	mm
Net weight	3000	kg
Gross weight	3500	kg
Main machine power supply	380	V
UV dryer power supply	380	V
Two-lamp UV dryer power	6 x 2 x 3	kW
Squeegee servo power	0.75 x 3	kW
Web feed servo power	1.3 x 3	kW
Vacuum motor power	0.37 x 3	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-50120D

Screen Printing and Cold Foil Machine

Single printing station / Horizontal cold foil



APPLICATION

Personal care and household product labels

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinder	1	Set
Printing machine	1	Set
Web transfer box	2	Set
Horizontal cold foil unit	1	Set
Single-lamp UV dryer	1	Set
Two-lamp UV dryer	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	800 x 1500	mm
Maximum print area	300 x 1200	mm
Maximum web width	510	mm
Maximum feed length	1200	mm
Printing speed	0-5000	rpm
Machine dimensions (L x W x H)	3500 x 1250 x 1700	mm
Net weight	1500	kg
Gross weight	1800	kg
Main machine power supply	380	V
Squeegee servo power	1.5	kW
Web feed servo power	1.8	kW
Vacuum motor power	0.75	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-350D

Screen Printing Machine with Drying Oven

Left feed / Single color / Drying oven



Web handling details

Splicing platform, vacuum web feed roller and color-mark tracking sensor. Oven take-up web guiding is optional.

APPLICATION

Electronic labels

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinder	1	Set
Printing machine	1	Set
Web transfer box	2	Set
60 m drying oven	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	550 x 700	mm
Maximum print area	330 x 450	mm
Maximum web width	350	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	2500 x 1100 x 1700	mm
Net weight	1300	kg
Gross weight	1800	kg
Main machine power supply	380	V
Squeegee servo power	0.75	kW
Web feed servo power	1.3	kW
Vacuum motor power	0.37	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-350D-Y

Screen Printing Machine with Drying Oven

Right feed / Single color / Drying oven



Web handling details

Splicing platform, vacuum web feed roller and color-mark tracking sensor. Oven take-up web guiding is optional.

APPLICATION

Electronic labels

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinder	1	Set
Printing machine	1	Set
Web transfer box	2	Set
60 m drying oven	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	550 x 700	mm
Maximum print area	330 x 450	mm
Maximum web width	350	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	2500 x 1100 x 1700	mm
Net weight	1300	kg
Gross weight	1800	kg
Main machine power supply	380	V
Squeegee servo power	0.75	kW
Web feed servo power	1.3	kW
Vacuum motor power	0.37	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-350D

Steel Plate Screen Printing Machine

Single color / Spring-conveyor drying oven



APPLICATION

Electronic labels

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinder	1	Set
Printing machine	1	Set
Web transfer box	1	Set
28 m spring-conveyor drying oven	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	550 x 700	mm
Maximum print area	330 x 450	mm
Maximum web width	350	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	2500 x 1100 x 1700	mm
Net weight	1300	kg
Gross weight	1800	kg
Main machine power supply	380	V
Squeegee servo power	0.75	kW
Web feed servo power	1.3	kW
Vacuum motor power	0.37	kW

Feed direction requires confirmation: the source heading states left feed; the source specification table states right feed.

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-5045S

Two-Color Screen Printing Machine with Drying Oven

Two colors / Solvent-based inks / Drying oven

APPLICATION: Electronic labels



Two-color printing

Prints two solvent-ink colors in one pass. The two print heads can operate independently.

Vacuum web feed

Area suction replaces point pressure from pinch rollers for uniform tension and reduced material wrinkling. A Japanese ORION vacuum pump supports quiet, energy-efficient operation.

Inspection platform

An illuminated inspection platform helps operators identify print defects promptly.

Four-sided oven heating

Independent temperature controllers regulate all four heating zones for precise, convenient adjustment.

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinder	1	Set
Printing machine	1	Set
Compact infrared oven	1	Set
Web transfer box	2	Set
60 m drying oven	1	Set
Squeegee	4	Set
Flood bar	4	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	800 x 700	mm
Maximum print area	500 x 450	mm
Maximum web width	500	mm
Maximum feed length	450	mm
Printing speed	0-9000	rpm
Machine dimensions (L x W x H)	4500 x 1300 x 1700	mm
Net weight	2000	kg
Gross weight	2300	kg
Main machine power supply	220	V
Infrared oven power	6	kW
60 m drying oven power	20	kW
Squeegee servo power	0.75 x 2	kW
Web feed servo power	1.8	kW
Vacuum motor power	0.37 x 2	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-5080DW

Three-Point Registration Screen Printing Machine

Single color / Drying oven



APPLICATION

Membrane switches, graphic overlays, 88 films, mobile phone backplates, mobile phone and computer diffusion films, heating films, flexible circuits, heat-transfer films and water-transfer films

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinder	1	Set
Printing machine	1	Set
Web transfer box	2	Set
Drying oven	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	800 x 1000	mm
Maximum print area	500 x 800	mm
Maximum web width	510	mm
Maximum feed length	800	mm
Printing speed	0-5000	rpm
Machine dimensions (L x W x H)	2800 x 1250 x 1700	mm
Net weight	1400	kg
Gross weight	1800	kg
Main machine power supply	220	V
Squeegee servo power	0.75	kW
Web feed servo power	1.8	kW
Vacuum motor power	0.75	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-5080CCD-Y

CCD Visual Registration Screen Printing Machine

Moving screen / Right feed / Drying oven



APPLICATION

Heat-transfer films and water-transfer films

STANDARD CONFIGURATION

Component	Qty	Unit
Vacuum unwinder	1	Set
Printing machine	1	Set
Vacuum web transfer box	1	Set
Hot-air dryer	1	Set
Squeegee	3	Set
Flood bar	3	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	800 x 1000	mm
Maximum print area	500 x 800	mm
Maximum web width	520	mm
Maximum feed length	800	mm
Printing speed	0-5000	rpm
Machine dimensions (L x W x H)	2800 x 1250 x 1700	mm
Net weight	1400	kg
Gross weight	1800	kg
Main machine power supply	380	V
Squeegee servo power	0.75	kW
Web feed servo power	1.8	kW
Vacuum motor power	0.75	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-5080CCD

CCD Visual Registration Screen Printing Machine

Moving screen / Left feed / Drying oven



APPLICATION

Membrane switches, graphic overlays, 88 films, mobile phone backplates, mobile phone and computer diffusion films, heating films, flexible circuits, heat-transfer films and water-transfer films

STANDARD CONFIGURATION

Component	Qty	Unit
Vacuum unwinder	1	Set
Printing machine	1	Set
Vacuum web transfer box	1	Set
Hot-air dryer	1	Set
Squeegee	3	Set
Flood bar	3	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	800 x 1000	mm
Maximum print area	500 x 800	mm
Maximum web width	520	mm
Maximum feed length	800	mm
Printing speed	0-5000	rpm
Machine dimensions (L x W x H)	2800 x 1250 x 1700	mm
Net weight	1400	kg
Gross weight	1800	kg
Main machine power supply	380	V
Squeegee servo power	0.75	kW
Web feed servo power	1.8	kW
Vacuum motor power	0.75	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-500XW

Inclined Screen Printing Machine

Single color / Drying oven



Scratch protection

A scratch-prevention design protects the substrate during printing.

APPLICATION

Scratch-sensitive substrates

STANDARD CONFIGURATION

Component	Qty	Unit
Unwinding unit	1	Set
WL-500XW inclined screen printing machine	1	Set
Vacuum web transfer box	1	Set
Hot-air dryer	1	Set
Squeegee	3	Set
Flood bar	3	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	900 x 700	mm
Maximum print area	450 x 450	mm
Maximum web width	500	mm
Maximum feed length	600	mm
Printing speed	0-30	m/min
Machine dimensions (L x W x H)	3000 x 1650 x 1800	mm
Net weight	2800	kg
Gross weight	3100	kg
Main machine power supply	380	V
Printing machine power	9	kW
Squeegee servo power	2.9	kW
Web feed servo power	1.3 + 1.3	kW
Screen frame servo power	2.9	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-6090D

Screen Printing and Cold Foil Machine

Integrated printing and cold foil



APPLICATION

Flexible packaging

STANDARD CONFIGURATION

Component	Qty	Unit
Integrated automatic unwinder	1	Set
Printing machine	1	Set
Corona treater (Optional)	1	Set
Two-lamp UV dryer	1	Set
Web transfer box	1	Set
Cold foil unit	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	800 x 1100	mm
Maximum print area	600 x 900	mm
Maximum web width	610	mm
Maximum feed length	900	mm
Printing speed	0-5000	rpm
Machine dimensions (L x W x H)	3000 x 2100 x 1600	mm
Net weight	1600	kg
Gross weight	1800	kg
Main machine / UV dryer power supply	380	V
UV dryer power	6 x 2	kW
Cold foil unit power	8	kW
Squeegee servo power	0.75	kW
Web feed servo power	1.8	kW
Vacuum motor power	0.37	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-850D

Screen Printing and Cold Foil Machine

LED UV curing / Cold foil



APPLICATION

Flexible packaging

STANDARD CONFIGURATION

Component	Qty	Unit
Integrated automatic unwinder	1	Set
Printing machine	1	Set
LED UV dryer	1	Set
Web transfer box	1	Set
Cold foil unit	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	1100 x 1200	mm
Maximum print area	800 x 800	mm
Maximum web width	850	mm
Maximum feed length	800	mm
Printing speed	0-5000	rpm
Machine dimensions (L x W x H)	2800 x 2100 x 1600	mm
Net weight	1500	kg
Gross weight	1800	kg
Main machine power supply	380	V
LED UV dryer power	3	kW
Squeegee servo power	0.75	kW
Web feed servo power	1.8	kW
Vacuum motor power	0.37	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-500GT

Cylinder Screen Printing Machine

Single color / Drying oven



Scratch protection

Cylinder printing with a scratch-prevention design.

Machine details

Printing mechanism, vacuum web feed and guided unwinding unit.

APPLICATION

Scratch-sensitive substrates

STANDARD CONFIGURATION

Component	Qty	Unit
Integrated automatic unwinder	1	Set
Printing machine	1	Set
Web transfer box	1	Set
Drying oven	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	800 x 1000	mm
Maximum print area	500 x 800	mm
Maximum web width	500	mm
Maximum feed length	500	mm
Printing speed	0-5000	rpm
Machine dimensions (L x W x H)	3600 x 1300 x 1600	mm
Net weight	1000	kg
Gross weight	1200	kg
Main machine power supply	220	V
Drying oven power supply	380	V
Squeegee servo power	0.75	kW
Web feed servo power	1.8	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-5070PZ

Automatic Sheet-Fed Screen Printing Machine

Automatic sheet feeding



APPLICATION

Sheet-fed screen printing

STANDARD CONFIGURATION

Component	Qty	Unit
Feeder	1	Set
Printing machine	1	Set
Squeegee	2	Set
Flood bar	2	Set
Toolbox	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Screen frame size	800 x 1000	mm
Maximum print area	500 x 700	mm
Maximum sheet width	500	mm
Maximum loading height	330	mm
Substrate thickness	0.075-0.5	mm
Machine dimensions (L x W x H)	3300 x 1350 x 2200	mm
Net weight	1000	kg
Gross weight	1200	kg
Air consumption	14	L
Power supply	380V, 50Hz	

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-500TB-LTJ

Intermittent Cold Foil Stamping Machine

Mark tracking / Foil-saving advance



Foil saving

A registration sensor tracks printed marks and controls intermittent foil advance to reduce foil consumption.

APPLICATION

Cold foil finishing

STANDARD CONFIGURATION

Component	Qty	Unit
Two-lamp UV dryer	1	Set
Cold foil unit	1	Set
Heated upper roller	1	Set
Heated lower roller (Auxiliary heating)	1	Set
Color-mark sensor	1	Set
Foil unwind shaft	1	Set
Waste foil rewind shaft	1	Set
Rewind shaft	1	Set

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Maximum web width	500	mm
Maximum rewind diameter	600	mm
Maximum rewind load	60	kg
Foil stamping speed	0-15	m/min
Machine dimensions (L x W x H)	1400 x 1300 x 1450	mm
Net weight	300	kg
Gross weight	340	kg
Main machine / UV dryer power supply	380	V
UV dryer power	6 x 2	kW
Heated roller power	7.2	kW
Web feed servo power	0.75	kW
Vacuum motor power	0.4	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-500ZY-KX

Inline Drying Oven

Left inlet / Right outlet



APPLICATION

Continuous web drying

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Maximum web width	500	mm
Maximum temperature	120	°C
Heating zones	4	Set
Web storage length	60	m
Machine dimensions (L x W x H)	2850 x 1150 x 2050	mm
Net weight	1000	kg
Gross weight	1100	kg
Power supply	380	V
Drying oven power	22	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-500-YSS-KX

Pre-Shrink Drying Oven

Web pre-shrinking



TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Maximum web width	500	mm
Maximum temperature	150	°C
Heating zones	4	Set
Web storage length	60	m
Machine dimensions (L x W x H)	2300 x 1000 x 2000	mm
Net weight	1200	kg
Gross weight	1800	kg
Power supply	380	V
Drying oven power	28	kW

APPLICATION

Film conditioning before printing

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-650-HZL-KX

Constant-Tension Drying Oven

Constant web tension



APPLICATION

Continuous web drying

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Maximum web width	650	mm
Maximum temperature	120	°C
Heating zones	4	Set
Web storage length	65	m
Machine dimensions (L x W x H)	4260 x 1480 x 2460	mm
Net weight	2500	kg
Gross weight	2800	kg
Power supply	380	V
Drying oven power	23	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

WL-500JPDJ

Web-Guiding Rewinder

Web guiding / Length counting



APPLICATION

Roll material rewinding

TECHNICAL SPECIFICATIONS

Parameter	Value	Unit
Maximum web width	500	mm
Maximum speed	50	m/min
Web guide	1	Set
Length counter	1	Set
Machine dimensions (L x W x H)	1000 x 700 x 1200	mm
Net weight	150	kg
Gross weight	200	kg
Power supply	220	V
Power	1	kW

Products are continuously updated. Final specifications are subject to confirmation for the actual application.

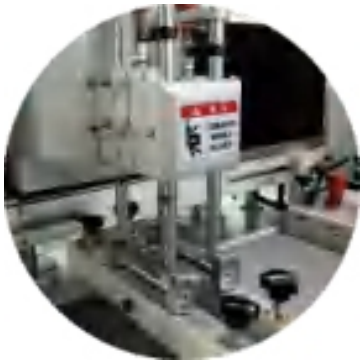
Equipment details

Component photographs and model references



WL-350D

One-piece machine frame



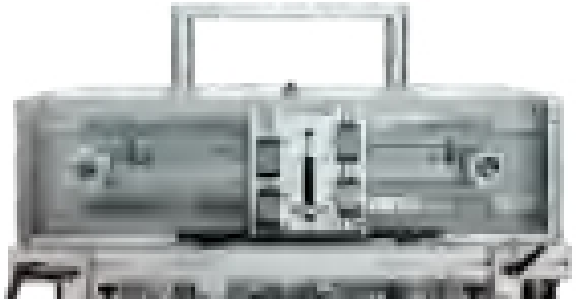
WL-350D

Adjustable print head



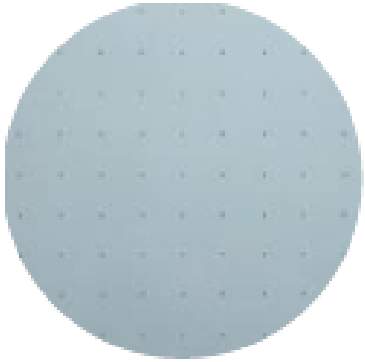
WL-350D

Servo-driven web feed



WL-350S

Precision linear guides



WL-350S

Vacuum plate



WL-350S

Synchronized web controls

Equipment details

Component photographs and model references



WL-350D / WL-350D-Y

Splicing platform



WL-350D / WL-350D-Y

Vacuum web feed roller



WL-350D / WL-350D-Y

Color-mark tracking sensor



WL-350D / WL-350D-Y

Optional oven take-up web guide



WL-5045S

Vacuum web feed and pump



WL-5045S

Illuminated inspection platform

Equipment details

Component photographs and model references



WL-5045S

Independent oven temperature controls



WL-500XW

Inclined printing mechanism



WL-500GT

Cylinder printing mechanism



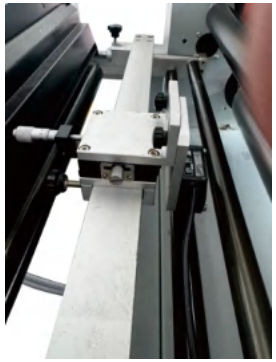
WL-500GT

Vacuum web feed



WL-500GT

Guided unwinding unit



WL-500TB-LTJ

Foil-saving registration sensor

Web handling and peripheral equipment

Supporting units for an integrated production line



Basic unwinder



Rewinder



Standard unwinder



Unwinder



Vertical cold foil unit

Machine selection questions

Answers for production buyers and equipment integrators

What does Winshol manufacture?

Winshol manufactures automatic screen printing equipment, including roll-to-roll and sheet-fed machines, CCD registration, cold foil, drying and web handling systems.

How do I choose a machine configuration?

Start with roll or sheet format, substrate dimensions, print area, number of colors, registration requirements and target output. The model index and specification tables help compare configurations.

Which materials and applications can be reviewed?

Discuss PET, PP, PC, PVC, PE, BOPP and self-adhesive materials with the engineering team. Application suitability depends on the material construction, thickness, ink and drying process.

When should I choose CCD registration?

CCD visual registration uses camera-based detection to support alignment with existing artwork or reference marks. Review the required tolerance and substrate stability with the selected configuration.

Should I use UV curing or hot-air drying?

Match the drying method to the ink system and substrate temperature limits. UV curing uses compatible UV inks. Hot-air drying supports processes that require evaporation.

What information is needed for a quotation?

Provide the intended application, material type and thickness, roll or sheet dimensions, artwork, print area, colors, ink specifications, target output and destination country. Samples help the technical review.

Product information: https://www.winshol.com/

Contact Winshol

Automatic screen printing equipment and application support

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Prepare your enquiry

Application and finished product
Substrate, thickness and dimensions
Artwork, number of colors and print area
Ink and drying requirements
Registration requirements and target output
Destination and delivery requirements

Engineering discussion

Send your requirements to Winshol to discuss machine selection, sample trials or an OEM/ODM configuration.

https://www.winshol.com