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**Технические характеристики на
флексграфические печатные машины
пятикрасочные, двухкрасочные,
четырекрасочные SYK1224 2, SYK1428 4, SYK1224 5
компании **XinGuang****

SYK1224 2 color flexo printing machine, printing machine, Chain feeder printing machine,automatic folder gluer



SYK1200X2400 2 COLOR PRINTING SLOTTING DIE CUTTING WITH STACKING MACHINE

MANE	Model specifications	Quantity
Paper feed unit	SYK1200x2600	1set
Printing unit	SYK1200x2600	5set
Slotting unit	SYK1200x2600	1set
Die cutting unit	SYK1200x2600	1set
stacking unit	SYK1200x2600	1set

Machine Feature :

- 1. The main electric elements all adapt famous brand. PLC controlling, colorful touch screen , frequency converter.
- 2. The transmission gear adopt 40 Cr, 20GrMoTi high quality alloy steel which is grinded, and after the heat treatment , it can up to six grade precision.
- 3. The machine lubrication system uses an automatic spray lubrication, and with the device impermeable to oil spills institutions.
- 4. Each unit of the machine with electric separation, and pneumatic locking, pneumatic total lock, to ensure the stability of the unit, and continue ring for caution when machine be separated, to ensure the safety of operating person.
- 5. Every unit of machine with emergency stop switch, so the machine can be stopped between the unit, it can ensure the workers safe (remark: every unit moving is drag by feeder unit)

Main parameter

Type	Unit	SYK1200x2600
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Inner width of machine	mm	2800
Speed	pcs / min	200
Max printing area	mm	1200×2400
Max feeding paper size	mm	1270×2600
Feeding paper by skip	mm	1400×2400
Min feeding paper size	mm	320×640
Topping precision	mm	±0.5

Printing department:

- 1) Printing of high quality thick-walled seamless steel roll, surface conditioning, grinding, hard chromium plating.
- 2) All axes of roller correct by dynamic balance, the machinery running steady.
- 3) Handling print, the foot switch is convenient and flexible electric control reversing.
- 4) Printing , roller clearance adjusted by hand, the scale panel shows the data.
- 5) Printing phase fixed device, using pneumatic brake mechanism. While the machine separates or the phase is adjusting, the brakes can restrict the revolving of the machine platform and keep the fixed point of original gears position.
6. Rubber roller: the surface of the roller is steel pipe which is packed by the wear-resisting rubber. Adopting medium and high special grinding the rubber roller has effective ink-spreading.
7. The steel roller adopt high precision hard chrome plating net-grain roller.
8. Installed with ink roller rotation electrical machinery to avoid the main engine's drying up while its stopping.

Slotting department:

1. The function of the double shaft slotting unit (adopt units). Big size carton box or kicking paperboard slotting can save loading knife time.
2. Slotting phase and the height carton box adjusting, computer and the electrical number can be controlled.
3. Slotting knife with a move transversely structure, screw with linear axis that mobile more flexible and accurate.
4. The up and down knife move at the same time, keep the linkage of knives, accurate, extend the service life tools.
5. Slotting knife shaft space, computers and digital electronic adjustment automatically.
6. The slotting knife move transversely with double prevent collision protection device (electronic and mechanical).
7. Elastic and corner cutting blade structure, three and five layers board corner cutting no adjustment and operation more convenient.
8. Line wheel, slotting knife move transversely adjustment, electric control.
9. Creasing gap adjusting with computer and digital electronic control (choose configuration).

Diecutting department:

1 knife die roll (lower roll)

1. The outer diameter is $\varnothing 360\text{mm}$
2. Balance correction, increase operation stability.
3. Applicable to die height of 22.5 mm.

2. Rubber cushion roller (upper roller)

1. The outer diameter is $\varnothing 388.9\text{mm}$.
2. Cast iron surface grinding, hard chromium plating.
3. Balance correction, increase operation stability.
4. Manual adjustment of clearance with die roll.
5. The thickness of the pad is 8 mm and the width is 125 mm
6. Mechanical transverse 40-inch swimming device.

3.Phase adjusting mechanism

- 1.Planetary Gear Structure.
- 2.The phase of die-cutting is adjusted by LCD micro-computer Electric-Digital 360 degree. (Adjustable operation and stopping)
- 3.Manually adjust the lateral position, adjust the distance to a total of 20 mm.

Detailed list of motor and important parts:

Name	Place of origin	Specifications	Number
一、 Paper feed Department	Tianjin		
1. Main motor	Hengshui, Hebei	Variable frequency motor18	1
2.Machine opening and closing	Hebei	0.75KW 59/1 Gear motor	1
3.Adsorption fan	Gaobeidian	7.5KWCentrifugal fan	1
4.Adjustment of rear gear box	Zhejiang	0.18KW 1/25 Gear motor	1
5.Dust removal fan	Baoding	2.2KW	1
二、 Printing Department			
1.Phase adjustment	Zhejiang	0.37KW 15/1 Gear motor	1/color
2.rubber roller idling	Shanghai motor	0.75KW 43/1 Gear motor	1/color
三、 Slotting Department			
1.Phase adjustment	Zhejiang	0.37KW 15/1 Gear motor	1
2.Transverse movement of cutter head	Zhejiang	0.37KW 40/1 Gear motor	4
3.Adjustment of carton height	Zhejiang	0.37KW 1/40 Gear motor	1
四、 Die cutting Department			
1.Phase adjustment	Zhejiang	0.37KW 15/1 Gear motor	1
2.Repair of rubber pad	Hebei	0.75KW 43/1 Gear motor	1
六、 Other Explanations			
1.bearing	Ha、 Wa、 Luo		Main parts
2.electrical appliances	chint		All
3.Pneumatic diaphragm pump	Jinchang River in Wuhan		
4.PLC	Taiwan		All
5.Encoder	Zhejiang		All
6.Touch screen	Kunlun		All
7.Keyless connection ring	Xianyang		All
8.Overrunning clutch	Xianyang		All
9.glue roll	Jizhou		All
10.Metal Screen Roller	Dalian		All
11.Die-cut rubber pad	Taiwan		All

SYK1428 4 color high speed flexo printing machine,slotter,die cutter



MANE	Model specifications	Quantity
Paper feed unit	SYK1400x2800	1set
Printing unit	SYK1400x2800	4set
Slotting unit	SYK1400x2800	1set
Die cutting unit	SYK1400x2800	1set
stacking unit	SYK1400x2800	1set

Machine Feature :

1. The main electric elements all adapt famous brand. PLC controlling, colorful touch screen , frequency converter.
2. The transmission gear adopt 40 Cr, 20GrMo Ti high quality alloy steel which is grinded, and after the heat treatment , it can up to six grade precision.
3. The machine lubrication system uses an automatic spray lubrication, and with the device impermeable to oil spills institutions.
4. Each unit of the machine with electric separation, and pneumatic locking, pneumatic total lock, to ensure the stability of the unit, and continue ring for caution when machine be separated, to ensure the safety of operating person.
5. Every unit of machine with emergency stop switch, so the machine can be stopped between the unit, it can ensure the workers safe (remark: every unit moving is drag by feeder unit)

Main parameter

Type	Unit	SYK1400x2800
Inner width of machine	mm	3200
Speed	pcs / min	200
Max printing area	mm	1400×2800
Max feeding paper size	mm	1470×2800
Feeding paper by skip	mm	1400×2800
Min feeding paper size	mm	320×640

Topping precision	mm	±0.5
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Printing department:

- 1) Printing of high quality thick-walled seamless steel roll, surface conditioning, grinding, hard chromium plating.
- 2) All axes of roller correct by dynamic balance, the machinery running steady.
- 3) Handling print, the foot switch is convenient and flexible electric control reversing.
- 4) Printing , roller clearance adjusted by hand, the scale panel shows the data.
- 5) Printing phase fixed device, using pneumatic brake mechanism. While the machine separates or the phase is adjusting, the brakes can restrict the revolving of the machine platform and keep the fixed point of original gears position.
6. Rubber roller: the surface of the roller is steel pipe which is packed by the wear-resisting rubber. Adopting medium and high special grinding the rubber roller has effective ink-spreading.
7. The steel roller adopt high precision hard chrome plating net-grain roller.
8. Installed with ink roller rotation electrical machinery to avoid the main engine's drying up while its stopping.

Slotting department:

1. The function of the double shaft slotting unit (adopt units). Big size carton box or kicking paperboard slotting can save loading knife time.
2. Slotting phase and the height carton box adjusting, computer and the electrical number can be controlled.
3. Slotting knife with a move transversely structure, screw with linear axis that mobile more flexible and accurate.
4. The up and down knife move at the same time, keep the linkage of knives, accurate, extend the service life tools.
5. Slotting knife shaft space, computers and digital electronic adjustment automatically.
6. The slotting knife move transversely with double prevent collision protection device (electronic and mechanical).
7. Elastic and corner cutting blade structure, three and five layers board corner cutting no adjustment and operation more convenient.
8. Line wheel, slotting knife move transversely adjustment, electric control.
9. Creasing gap adjusting with computer and digital electronic control (choose configuration).

Diecutting department:

1 knife die roll (lower roll)

1. The outer diameter is $\varnothing 360\text{mm}$
2. Balance correction, increase operation stability.
3. Applicable to die height of 22.5 mm.

2. Rubber cushion roller (upper roller)

1. The outer diameter is $\varnothing 388.9\text{mm}$.
2. Cast iron surface grinding, hard chromium plating.
3. Balance correction, increase operation stability.
4. Manual adjustment of clearance with die roll.
5. The thickness of the pad is 8 mm and the width is 125 mm
6. Mechanical transverse 40-inch swimming device.

3.Phase adjusting mechanism

- 1.Planetary Gear Structure.
- 2.The phase of die-cutting is adjusted by LCD micro-computer Electric-Digital 360 degree. (Adjustable operation and stopping)
- 3.Manually adjust the lateral position, adjust the distance to a total of 20 mm.

Detailed list of motor and important parts:

Name	Place of origin	Specifications	Number
一、 Paper feed Department	Tianjin		
1. Main motor	Hengshui, Hebei	Variable frequency motor18	1
2.Machine opening and closing	Hebei	0.75KW 59/1 Gear motor	1
3.Adsorption fan	Gaobeidian	7.5KWCentrifugal fan	1
4.Adjustment of rear gear box	Zhejiang	0.18KW 1/25 Gear motor	1

5.Dust removal fan	Baoding	2.2KW	1
二、Printing Department			
1.Phase adjustment	Zhejiang	0.37KW 15/1 Gear motor	1/color
2.rubber roller idling	Shanghai motor	0.75KW 43/1 Gear motor	1/color
三、Slotting Department			
1.Phase adjustment	Zhejiang	0.37KW 15/1 Gear motor	1
2.Transverse movement of cutter head	Zhejiang	0.37KW 40/1 Gear motor	4
3.Adjustment of carton height	Zhejiang	0.37KW 1/40 Gear motor	1
四、Die cutting Department			
1.Phase adjustment	Zhejiang	0.37KW 15/1 Gear motor	1
2.Repair of rubber pad	Hebei	0.75KW 43/1 Gear motor	1
六、Other Explanations			
1.bearing	Ha、Wa、Luo		Main parts
2.electrical appliances	chint		All
3.Pneumatic diaphragm pump	Jinchang River in Wuhan		
4.PLC	Taiwan		All
5.Encoder	Zhejiang		All
6.Touch screen	Kunlun		All
7.Keyless connection ring	Xianyang		All
8.Overrunning clutch	Xianyang		All
9.glue roll	Jizhou		All
10.Metal Screen Roller	Dalian		All
11.Die-cut rubber pad	Taiwan		All

Note: Customers own air compressors.

stacking unit

1 paper arm

〔1〕 can choose manual or automatic operation.

〔2〕 connection arm drive belt, independently adjust the degree of tightness is not restricted by the belt length.

2 bed lifting

〔1〕 strong chain drive。

〔2〕 stacking height1600mm。

〔3〕 The bed lifting motor is provided with a brake function, and the bed table can be kept in a fixed position and will not slide

〔4〕 install safety protection device, the lifting bed in the control, to ensure the safety of operating personnel.

〔5〕 Flat corrugated climbing belt prevents cardboard from sliding。

3 Receiving baffle

〔1〕 pressure action paper splicing baffle, piled up to a predetermined height in the cardboard, paper pallets automatically extend, hold the cardboard.

〔2〕 manual adjustment of the rear baffle position.

SYK1224 5 color flexo printing machine, XINGUANG, Slotting machine,die cutting machine



SYK1200X2600 5 COLOR PRINTING SLOTting DIE CUTTING WITH STACKING MACHINE

MANE	Model specifications	Quantity
Paper feed unit	SYK1200x2600	1set
Printing unit	SYK1200x2600	5set
Slotting unit	SYK1200x2600	1set
Die cutting unit	SYK1200x2600	1set
stacking unit	SYK1200x2600	1set

Machine Feature :

1. The main electric elements all adapt famous brand. PLC controlling, colorful touch screen , frequency converter.
2. The transmission gear adopt 40 Cr, 20GrMo Ti high quality alloy steel which is grinded, and after the heat treatment , it can up to six grade precision.
3. The machine lubrication system uses an automatic spray lubrication, and with the device impermeable to oil spills institutions.
4. Each unit of the machine with electric separation, and pneumatic locking, pneumatic total lock, to ensure the stability of the unit, and continue ring for caution when machine be separated, to ensure the safety of operating person.
5. Every unit of machine with emergency stop switch, so the machine can be stopped between the unit, it can ensure the workers safe (remark: every unit moving is drag by feeder unit)

Main parameter

Type	Unit	SYK1200x2600
Inner width of machine	mm	2800
Speed	pcs / min	200
Max printing area	mm	1200×2400
Max feeding paper size	mm	1270×2600

Feeding paper by skip	mm	1400×2400
Min feeding paper size	mm	320×640
Topping precision	mm	±0.5

Printing department:

- 1) Printing of high quality thick-walled seamless steel roll, surface conditioning, grinding, hard chromium plating.
- 2) All axes of roller correct by dynamic balance, the machinery running steady.
- 3) Handling print, the foot switch is convenient and flexible electric control reversing.
- 4) Printing , roller clearance adjusted by hand, the scale panel shows the data.
- 5) Printing phase fixed device, using pneumatic brake mechanism. While the machine separates or the phase is adjusting, the brakes can restrict the revolving of the machine platform and keep the fixed point of original gears position.
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7. The steel roller adopt high precision hard chrome plating net-grain roller.
8. Installed with ink roller rotation electrical machinery to avoid the main engine's drying up while its stopping.

Slotting department:

1. The function of the double shaft slotting unit (adopt units). Big size carton box or kicking paperboard slotting can save loading knife time.
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Diecutting department:

1 knife die roll (lower roll)

1. The outer diameter is $\varnothing 360\text{mm}$
2. Balance correction, increase operation stability.
3. Applicable to die height of 22.5 mm.

2. Rubber cushion roller (upper roller)

1. The outer diameter is $\varnothing 388.9\text{mm}$.
2. Cast iron surface grinding, hard chromium plating.
3. Balance correction, increase operation stability.
4. Manual adjustment of clearance with die roll.
5. The thickness of the pad is 8 mm and the width is 125 mm
6. Mechanical transverse 40-inch swimming device.

3.Phase adjusting mechanism

- 1.Planetary Gear Structure.
- 2.The phase of die-cutting is adjusted by LCD micro-computer Electric-Digital 360 degree. (Adjustable operation and stopping)
- 3.Manually adjust the lateral position, adjust the distance to a total of 20 mm.

Detailed list of motor and important parts:

Name	Place of origin	Specifications	Number
一、 Paper feed Department	Tianjin		
1. Main motor	Hengshui, Hebei	Variable frequency motor18	1
2.Machine opening and closing	Hebei	0.75KW 59/1 Gear motor	1
3.Adsorption fan	Gaobeidian	7.5KWCentrifugal fan	1

4.Adjustment of rear gear box	Zhejiang	0.18KW 1/25 Gear motor	1
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1.Phase adjustment	Zhejiang	0.37KW 15/1 Gear motor	1
2.Transverse movement of cutter head	Zhejiang	0.37KW 40/1 Gear motor	4
3.Adjustment of carton height	Zhejiang	0.37KW 1/40 Gear motor	1
四、Die cutting Department			
1.Phase adjustment	Zhejiang	0.37KW 15/1 Gear motor	1
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1.bearing	Ha、Wa、Luo		Main parts
2.electrical appliances	chint		All
3.Pneumatic diaphragm pump	Jinchang River in Wuhan		
4.PLC	Taiwan		All
5.Encoder	Zhejiang		All
6.Touch screen	Kunlun		All
7.Keyless connection ring	Xianyang		All
8.Overrunning clutch	Xianyang		All
9.glue roll	Jizhou		All
10.Metal Screen Roller	Dalian		All
11.Die-cut rubber pad	Taiwan		All

Note: Customers own air compressors.

stacking unit

1 paper arm

〔1〕 can choose manual or automatic operation.

〔2〕 connection arm drive belt, independently adjust the degree of tightness is not restricted by the belt length.

2 bed lifting

〔1〕 strong chain drive。

〔2〕 stacking height1600mm。

〔3〕 The bed lifting motor is provided with a brake function, and the bed table can be kept in a fixed position and will not slide

〔4〕 install safety protection device, the lifting bed in the control, to ensure the safety of operating personnel.

〔5〕 Flat corrugated climbing belt prevents cardboard from sliding。

3 Receiving baffle

〔1〕 pressure action paper splicing baffle, piled up to a predetermined height in the cardboard, paper pallets automatically extend, hold the cardboard.

〔2〕 manual adjustment of the rear baffle position.

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