

ESNEK BASKI ÇÖZÜMLERİ

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MERTEM
GIDA ENDÜSTRİ TEKNOLOJİLERİ VE MAKİNALARI MÜHÜRLEME PAZ. A.Ş.

59, Cheongwonsandan 3-gil, Mado-myeon,
Hwaseong-si, Gyeonggi-do, Korea
경기도 화성시 마도면 청원산단 3길 59
(주) 아이앤티산업

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INT CO., LTD.
INNOVATION & TECHNOLOGY



INT Korea's New Factory - INT Kore'nin Yeni Fabrikası

INT Korea's New production factory, the size of 5,000m² (53,374ft²) has capacity to manufacture 4 machines at once, enables to meet every customer's specification and requirement.

Factory Address : 59, Cheongwonsandan 3-gil, Mado-myeon, Hwaseong-si, Gyeonggi-do, Korea

· 66 km from Incheon Incheon International Airport (1 Hour by Car)

· 60 km from Central Seoul (1 Hour by Car)



TOTAL FLEXIBLE PACKAGING SOLUTION

ESNEK BASKI ÇÖZÜMLERİ

Over 40 years, INT Korea was specialized in flexible packaging machines in Korea.

With the proven quality of a wide range of machines in the global market, we have exported the machines to more than 10 countries meeting every customer's requirements and fulfilling their satisfactions.

We provide the cost effective machines with the state of art technology to maximize product productivity in the most optimized ways.

Running 24/7 After Service, we are glad to provide the best service to every customers in the World.

MAKİNE LİSTESİ

01. İşlemeli Baskı Makinesi (Parçalı Yürütme Sistemi)
02. İşlemeli Baskı Makinesi (Hat Kullanımı - Mekanik)
03. Bileşik Sıkma Kaplama Makinesi
04. Ortak Sıkma Kaplama Makinesi
05. Tek Sıkma Kaplama Makinesi
06. Kuru Kaplama Makinesi
07. Solventsiz Kaplama Makinesi
08. Islak Kaplama Makinesi
09. Kaplama Makinesi
10. Dilimleme Makinesi

MACHINE LIST

01. Gravure Printing Machine (ELS – Sectional Drive System)
02. Gravure Printing Machine (Line Driving Type)
03. Tandem Extrusion Laminating Machine
04. Co-Extrusion Laminating Machine
05. Single Extrusion Laminating Machine
06. Dry Laminating Machine
07. Solventless Laminating Machine
08. Wet Laminating Machine
09. Coating Machine
10. Slitting Machine

İşlemeli Baskı Makinesi (Parçalı Yürütme Sistemi) **Gravure Printing Machine** (ELS – Sectional Drive System)

Strong in INT's Mechanical Structure with cutting edge technology of Sectional Drive System enables the machine at maximum working Speed.

Machine Speed upto 350m/min
Working Speed 300m/min



Auto Splicing Unit



Color Mark Displayer



Inspection Unit



Winding Unit

İşlemeli Baskı Makinesi (Parçalı Yürütme Sistemi) Gravure Printing Machine (ELS – Sectional Drive System)

A. MODEL: ILC-PR-SE**B. CONSISTING OF**

1. Unwinding & Auto Splicing Unit : 1 set
2. Infeeding Unit : 1 set
3. Printing Unit: Max 12
4. Outfeeding Unit : 1 Set
5. Rewinding & Auto Splicing Unit : 1 Set
6. Operating(Touch) Panel/Main Control Cabinet : 1 Set

C. MAJOR SPECIFICATION

1. Number of Color : 6~12 Colors
(SECTIONAL DRIVING SYSTEM)

2. Web

- a) OPP : 15 ~ 60 micron
 - b) CPP : 20 ~ 60 micron
 - c) PET : 10 ~ 25 micron
 - d) LDPE : 25 ~ 80 micron
 - d) PAPER : 28 ~ 80 gsm
3. Guide Roll Width: Max. 1,600mm
 4. Web Width: 600~1,500mm
 5. Machine Speed: Max 350m/min
 6. Working Speed: Max 300m/min
 7. Winding Diameter : Max. Ø1,000 mm

* Specification can be adjustable depends on customer's requirements



Extensive knowledge and experience in manufacturing high performance Gravure Printing Machine for Flexible Packaging machine. The Machine is designed to perform every requirements and technologies of advanced Flexible Package Printing.

It guarantees the constant printing quality with outstanding productivity, minimizing production and operation loss but maximize high profitability.

İşlemeli Baskı Makinesi (Hat Kullanımı - Mekanik) Gravure Printing Machine (Line Driving - Mechanical Type)

The best optimized Gravure Printing Machine for Flexible Packaging Industry.
It's highly efficient and economical model for both long and short production.

Machine Speed upto 250m/min
Working Speed 230m/min



Printing Unit



Color Mark Displayer



Turn Bar Unit



Winding Unit

İşlemeli Baskı Makinesi (Hat Kullanımı - Mekanik) Gravure Printing Machine (Line Driving - Mechanical Type)

A. MODEL: ILC-PR Series**B. CONSISTING OF**

1. Unwinding & Auto Splicing Unit : 1 set
2. Infeeding Unit : 1 set
3. Printing Unit: Max. 12
4. Outfeeding Unit : 1 Set
5. Rewinding & Auto Splicing Unit : 1 Set
6. Operating(Touch) Panel/Main Control Cabinet : 1 Set

C. MAJOR SPECIFICATION

Number of Color: 6-12 Colors
(Mechanical Line Driving System)

2. Web

- a) OPP: 15 ~ 60 micron
 - b) CPP: 20 ~ 60 micron
 - c) PET: 10 ~ 25 micron
 - d) LDPE: 25 ~ 80 micron
 - d) PAPER: 28 ~ 80 gsm
3. Guide Roll Width: Max. 1,600mm
 4. Web Width: 600-1,500mm
 5. Machine Speed: 250 m/min
 6. Working Speed: Max. 230 m/min (OPP Film working)
 7. Winding Diameter: Max. Ø1,000 mm

* Specification can be adjustable depends on customer's requirements

Highly efficient Gravure Printing Machine, satisfies every customer's demand for a compact, cost efficient and highly productive machine. It's the best optimized machine for short, medium and long run production of great quality in flexible printing work.



Bileşik Sıkma Kaplama Makinesi Tandem Extrusion Laminating Machine

INT is specialized in the design and manufacture of Tandem Extrusion Coating and Laminating Machine. We deliver the most optimized machine with innovative technology for all packaging Industry.

Machine Speed upto 250m/min
Working Speed 200m/min



EXTRUDER UNIT



MAIN CONTROL PANEL



T-DIE (CLOREN, USA)



WINDING UNIT

Bileşik Sıkma Kaplama Makinesi Tandem Extrusion Laminating Machine

A. MODEL: ILC-TEL Series

B. CONSISTING OF

1. Unwinding & Auto Splicing Unit (With EPC Unit) : 1 set
2. Infeeding Unit : 1 set
3. Anchor Coating Unit : 2 set
4. Dryer & Heat Exchange Unit : 2 set
5. Extrusion Die (CLOREN – USA / EDI – USA / JYHOKU – Japan)
6. Extruder (Ø100mm) & T-Die Unit : 2 set
(T-die: 1 Automatic / 1 Manual)
7. Automatic Thickness Gauge (NDC – USA)
8. Laminating Unit : 2 set
9. Sandwich Winding & Auto Splicing Unit : 2 set
10. Powder Spray Unit : 1 set
11. Rewinding & Auto Splicing Unit : 1 set
12. Operating Panel/Main Control Cabinet : 1 lot

C. MAJOR SPECIFICATION

1. Web
 - a) OPP Film : 20 ~ 60 microns
 - b) CPP Film : 20 ~ 60 microns
 - d) Polyester : 12 ~ 25 microns
 - e) O – Nylon : 15 ~ 25 microns
 - f) AL-Foil : 6 ~ 40 microns
- g) Paper : 20 ~ 80gsm
- h) Metalized Film : 10 ~ 30 microns
- i) RESIN : LDPE, PP, EVA, EAA
2. Web Width: Max 1,500mm
3. Machine Speed : Max. 250 m/min
4. Working Speed : Max. 200 m/min
5. Guide Roll Width: Max 1,600mm
6. Winding Diameter : Max. ø800 mm
7. Sandwich Winding Diameter : Max. ø600 mm

* Specification can be adjustable depends on customer's requirements

Tandem Extrusion Coating and Laminating machines are usually customized and configured for variety of applications. INT's Extrusion Laminating Machine is fully integrated, process a wide range of different materials such as Film, Aluminum Foil, Paper and Board.



Ortak Sıkma Kaplama Makinesi Co Extrusion Laminating Machine

INT is specialized in the design and manufacture of CO-Extrusion Coating and Laminating Machine. We deliver the most optimized machine with innovative technology for all packaging Industry.

Machine Speed upto 250m/min
Working Speed 200m/min



Extruder Unit



Main Control Panel



T-Die and Feedblock (Jyohoku, Japan)



Winding Unit

Ortak Sıkma Kaplama Makinesi Co Extrusion Laminating Machine

A. MODEL: ILC-EL-CO Series**B. CONSISTING OF**

1. Unwinding & Auto Splicing Unit (With EPC Unit) : 1 set
2. Infeeding Unit : 1 set
3. Anchor Coating Unit : 1 set
4. Dryer & Heat Exchange Unit : 1 set
5. Extrusion Die (CLOREN – USA / EDI – USA / JYHOKU – Japan)
6. Feedblock (CLOREN – USA / EDI – USA / JYHOKU – Japan)
7. Extruder (Ø100mm & Ø80mm) : Each 1 set
8. Laminating Unit : 1 set
9. Sandwich Winding & Auto Splicing Unit : 1 set
10. Powder Spray Unit : 1 set
11. Rewinding & Auto Splicing Unit : 1 set
12. Operating Panel/Main Control Cabinet : 1 lot

C. MAJOR SPECIFICATION

1. Web
 - a) OPP Film : 20 ~ 60 microns
 - b) CPP Film : 20 ~ 60 microns
 - d) Polyester : 12 ~ 25 microns
 - e) O – Nylon : 15 ~ 25 microns
 - f) AL-Foil : 6 ~ 40 microns
 - g) Paper : 20 ~ 80gsm
 - h) Metalized Film : 10 ~ 30 microns
 - i) RESIN : LDPE, PP, EVA, EAA
2. Web Width: Max. 1500mm
3. Machine Speed : Max. 250 m/min
4. Working Speed : Max. 200 m/min
5. Guide Roll Width : 1300 mm
6. Winding Diameter : Max. ø800 mm
7. Sandwich Winding Diameter : Max. ø600 mm

* Specification can be adjustable depends on customer's requirements

Co - Extrusion Coating and Laminating machines are usually customized and configured for variety of applications. INT's Extrusion Laminating Machine is fully integrated, process a wide range of different materials such as Film, Aluminum Foil, Paper and Board.



Tek Sıkma Kaplama Makinesi Single Extrusion Laminating Machine

INT is specialized in the design and manufacture of Single Extrusion Coating and Laminating Machine. We deliver the most optimized machine with innovative technology for all packaging Industry.

Machine Speed upto 250m/min
Working Speed 200m/min



Main Control Panel



Extruder Unit



T-DIE (CLOREN, USA)



Winding Unit

Tek Sıkma Kaplama Makinesi Single Extrusion Laminating Machine

A. MODEL: ILC-EL-CO Series**B. CONSISTING OF**

1. Unwinding & Auto Splicing Unit (With EPC Unit) : 1 set
2. Infeeding Unit : 1 set
3. Anchor Coating Unit : 1 set
4. Dryer & Heat Exchange Unit : 1 set
5. Extrusion Die (CLOREN – USA / EDI – USA / JYHOKU – Japan)
6. Extruder (Ø100mm) : 1 set
7. Laminating Unit : 1 set
8. Sandwich Winding & Auto Splicing Unit : 1 set
9. Powder Spray Unit : 1 set
10. Rewinding & Auto Splicing Unit : 1 set
11. Operating Panel/Main Control Cabinet : 1 lot

C. MAJOR SPECIFICATION

1. Web
 - a) OPP Film : 20 ~ 60 microns
 - b) CPP Film : 20 ~ 60 microns
 - c) Polyester : 12 ~ 25 microns
 - d) O – Nylon : 15 ~ 25 microns
 - e) AL-Foil : 6 ~ 40 microns
 - f) Paper : 20 ~ 80gsm
 - g) Metalized Film : 10 ~ 30 microns
 - h) RESIN : LDPE, PP, EVA, EAA
2. Web Width: Max. 1,500mm
3. Machine Speed : Max. 250 m/min
4. Working Speed : Max. 200 m/min
5. Guide Roll Width: Max. 1,600mm
6. Winding Diameter : Max. ø600 mm
7. Sandwich Winding Diameter : Max. ø600 mm

* Specification can be adjustable depends on customer's requirements

Single Extrusion Coating and Laminating machines are usually customized and configured for variety of applications. INT's Extrusion Laminating Machine is fully integrated, process a wide range of different materials such as Film, Aluminum Foil, Paper and Board.



Kuru Kaplama Makinesi Dry Laminating Machine

The most optimized and cost effective Dry Laminating Machine provides the outstanding performance in lamination, processing a wide range of web materials with varied flexible substrates.

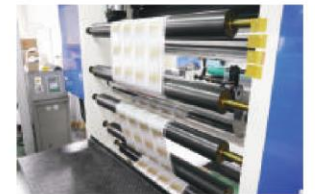
Machine Speed upto 300m/min
Working Speed 250m/min



Coating Unit



Laminating Unit



Roll Passing Unit



Winding Unit

Kuru Kaplama Makinesi Dry Laminating Machine

A. MODEL : ILC – DL Series**B. CONSISTING OF**

1. 1st Unwinding Unit : 1 set
2. Infeeding Unit : 1 set
3. Coating Unit : 1 set
4. Dryer & Heat Exchange Unit : 4 zone
5. Laminating Unit : 1 set
6. 2nd Unwinding Unit : 1 set
7. Rewinding Unit : 1 set
8. Operating Panel/Main Control Cabinet : 1 lot

C. MAJOR SPECIFICATION

1. Type : Solvent base, Dry Lamination
2. Web
 - a) OPP Film : 20 ~ 60 microns
 - b) CPP Film : 25 ~ 60 microns
 - c) Polyester : 12 ~ 30 microns
 - d) O – Nylon : 15 ~ 25 microns
 - e) AL-Foil : 6.5 microns(2nd Unwinder)
 - f) Paper : 30 ~ 80gsm
3. Web Width: 600~1,500mm
4. Machine Speed: Max 300m/min
5. Working Speed: Max 250m/min
6. Guide Roll Width: Max. 1,600mm
7. Winding Diameter : Max. ø800 mm

* Specification can be adjustable depends on customer's requirements

Multi Technology Dry Laminator provides the most advanced technical solution, which maximize the product quality and machine productivity for Flexible Packaging Industry.

With the most advanced Web Tension Control System, it maintains the extremely low tolerance for a wide range of flexible substrates with different properties and thickness.

Hence, the machine can process different materials combination such as Plastic Film, Aluminum Foil and Paper.



Solventsiz Kaplama Makinesi Solventless Laminating Machine

The most optimized and cost effective Dry Laminating Machine provides the outstanding performance in lamination, processing a wide range of web materials with varied flexible substrates.

Machine Speed upto 400m/min
Working Speed 350m/min



Coating Unit



Control Unit



Mixing and Pumping System



Winding Unit

Solventsiz Kaplama Makinesi Solventless Laminating Machine

A. MODEL : ILC – NSL Series**B. CONSISTING OF**

1. 1st Unwinding & Auto Splicing Unit (With EPC Unit) : 1 set
2. Infeeding Unit : 1 set
3. Coating Unit : 1 set
4. Laminating Unit : 1 set
5. 2nd Unwinding & Auto Splicing Unit (With EPC Unit) : 1 set
6. Outfeeding Unit : 1 set
7. Rewinding & Auto Splicing Unit : 1 set
8. Metering System : 1 Set
(European, American or Japanese Maker)
8. Operating Panel/Main Control Cabinet : 1 lot

C. MAJOR SPECIFICATION

1. Type : Solventless (Solvent Free)
2. Web
 - a) OPP Film : 20 ~ 60 microns
 - b) CPP Film : 25 ~ 60 microns
 - c) Polyester : 12 ~ 30 microns
 - d) O – Nylon : 15 ~ 25 microns
 - e) AL-Foil : 6.5 microns(2nd Unwinder)
 - f) Paper : 30 ~ 80gsm
3. Web Width: 600~1500mm
4. Machine Speed : Max. 400 m/min
5. Working Speed : Max. 350 m/min
6. Guide Roll Width: Max. 1,600mm
7. Winding Diameter : Max. ϕ 1,000 mm

* Specification can be adjustable depends on customer's requirements

INT's Technology in precision Web Tension Control, flawless lamination and accurate & efficient adhesive metering system at any speed of the machine, optimizes the production output. This environmental friendly machine guarantees the great quality and reliability for every customers.



Wet Laminating Machine

The most optimized and cost effective Wet Laminating Machine provides the outstanding performance in lamination, processing a wide range of aluminum and paper.

Machine Speed upto 300m/min

Working Speed 250m/min

Multi Technology Wet Laminator provides the most advanced technical solution, which maximize the product quality and machine productivity for Tobacco and Confectionary Industry. With the most advanced Web Tension Control System, it maintains the extremely low tolerance for a wide range of water based substrates with different properties and thickness. Hence, the machine can process a wide range of Aluminum foil and Paper.

A. MODEL : ILC - WL Series

B. CONSISTING OF

1. 1st Unwinding Unit (AL-FOIL) : 1 set
2. Gravure Coating Unit: 1 Set
3. Laminating Unit : 1 set
4. 2nd Unwinding Unit (PAPER) : 1 set
5. Dryer & Heat Exchange Unit : 4 zone
6. Cooling Unit : 1 set
7. Rewinding Unit : 1 set
8. Operating Panel/Main Control Cabinet : 1 lot

C. MAJOR SPECIFICATION

1. Type : Wet Lamination, Gravure Coating.
2. Web
- a) Metalize Polyester : 12 ~ 30 microns
- b) AL-Foil : Min 6 ~ 7.5 microns (1st Unwinder)
- c) Paper & Board : 80 ~ 280 gsm (2nd Unwinder)
3. Web Width: 600~1,500mm
4. Machine Speed : Max. 300 m/min
5. Working Speed : 250 m/min (Regular); 150 m/min (Board)
6. Guide Roll Width: Max. 1,600mm
7. 1st Unwinding Diameter : Max. ø600 mm
8. 2ND Unwinding Diameter : Max. ø1800 mm
9. Rewinding Diameter : Max. ø1800 mm
10. Type of Locking : Clamp Type.

* Specification can be adjustable depends on customer's requirements



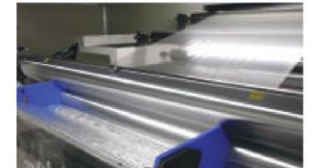
Kuşe Makinesi Coating Machine

With the cutting edge technology in Coating Solution, we provide the complete coating solutions in a wide range of Industry such as Electronic, Semiconductor, Pharmaceutical, Packaging and Consumer Goods to meet every customer's requirements and guarantees the quality product.

Coating Type: Comma / Gravure / Micro / Slot Die / Kiss / Reverse / 5 Rolls Type and more Machine Speed: 50~200m/min (Depends on Web and Materials)



SLOT DIE Coating



Comma Coating Unit



Micro Coating Unit



Laminating Unit



Accumulator Unit

Kuşe Makinesi Coating Machine

A. MODEL : ILC - CO Series

B. CONSISTING OF

1. 1st Unwinding Unit (With EPC Unit) : 1 set
2. Infeeding Unit : 1 set
3. Coating Unit : Depends on Specification
(Coating Type: Comma / Gravure / Micro / Slot Die / Kiss / Reverse / 5 Rolls Type and more)
4. Dryer & Heat Exchange Unit : 6 zone
5. 2nd Unwinding Unit : 1 Set
6. Laminating Unit : 1 Set
7. Outfeeding Unit : 1 set
8. Accumulator Unit : Depends on Specification
9. Rewinding & Auto Splicing Unit : 1 set
10. Operating Panel/Main Control Cabinet : 1 lot

C. MAJOR SPECIFICATION

1. Web
 - a) OPP Film : 20 ~ 60 microns
 - b) CPP Film : 25 ~ 60 microns
 - c) Polyester : 12 ~ 30 microns
2. Web Width : Max. 1600 mm
3. Machine Speed : Max. 150 m/min
4. Working Speed : Max. 120 m/min
5. Guide Roll Width: Max 1,700mm
6. Winding Diameter : Max. ø800 mm

* Specification can be adjustable depends on customer's requirements



Dilimleme Makinesi Slitting Machine

The Compact Slitter Machine is designed to give the highest efficiency as well as flexibility. Minimizing the set up time, the machine speed can run upto 500m/min to process perfect quality of the product.



Dilimleme Makinesi

Slitting Machine

Standard Specification

- A. Variety of web
 - Film: LLDPE, CPP, OPP, PET, Nylon, Aluminum, PVC
 - Laminated film: 8um~150um
 - Paper: 20~80gsm
- B. Web width: Max. 1350 mm
- C. Guide roll width: Max. 1450 mm
- D. Slitting width: Min. 20 mm
- E. Slitting Speed: Max. 500m/min

The Compact and high performance of Slitter provides the easy operation and change over time to maximize the operator's convenience. At time same time, it satisfies the customers who set high Value to productivity, flexibility and product quality with the working speed of 400m/min.



MERTEM Gıda Teknolojileri A.Ş.

INT Korea Türkiye Resmi Distribütörü

