

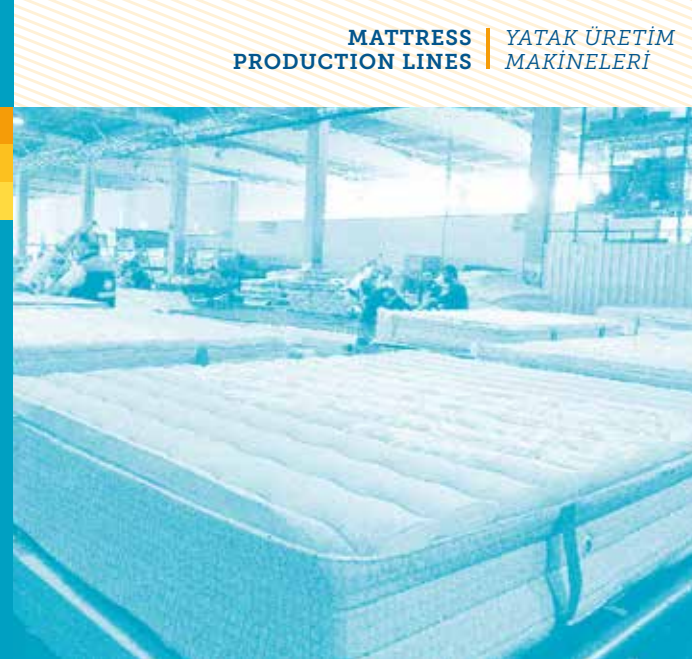


BEDLINE

Smart Bedding Automation

AUTOMATIC MATTRESS PRODUCTION LINE

OTOMATİK YATAK ÜRETİM HATTI



MATTRESS PRODUCTION LINES | YATAK ÜRETİM MAKİNELERİ

BEDLINE Series is automated production line, fully designed and optimized according to your production variables such as capacity, mattress varieties, production scheduling logic, factory layout, existing equipment, labor cost, etc. BEDLINE Series provides neat and efficient production by eliminating handling, damage or dirt on the mattresses, operators' fatigue, inconsistent manual operations and the mess inside the factory. The decreased number of employees brings less headache of management and decreases the cost of your mattresses. "Versatility" is the keyword for the design of BEDLINE Series. Increased competition and increased requirements of your customers makes it inevitable to have a flexible setup. BEDLINE Series is tailor-made for your production needs.

BEDLINE Series üretimimize özel olarak tasarlanmış otomatik yatak üretim hattıdır. Üretim adediniz, fabrika planınız, yatak çeşitliliğinize göre tasarlanarak mevcut makinelerinizin adaptasyonu ile fabrika kurulumaktadır. Yatak taşımalarını ortadan kaldırarak; operatör yorulmasını azaltmakta, taşıma sırasında yataklar üzerinde oluşan kir ve deformasyonu ortadan kaldırmaktadır. Operatör sayısını ciddi oranda azaltarak her proseste çalışanın verimini artırmaktadır. BEDLINE Series hatlarını tasarlarken esneklik birinci anahtar kelimedir. Artan rekabet ve müşteri istekleri sebebiyle yatak sektörünün çeşitliliği artmıştır. Bu da esnek üretim metotlarını kaçınılmaz yapmaktadır. BEDLINE Series esnek üretimi seri olarak yapabilecek şekilde tasarlanmakta ve güncellenmektedir.

ADVANTAGES / AVANTAJLARI

- Reduced labor cost
- Lower glue consumption and consistent mattress strength thanks to standardized gluing operation
- Consistent efficiency with reduced operator fatigue
- Neater production with less handling
- Various automation solutions from spring, quilting, border, foam cutting departments to assembly, gluing, tape edging, covering, packing and dispatch sections
- Able to adapt your existing equipment to the line
- Smart efficiency and quality management and reporting tools
- Easy future upgrades
- Minimum işçilik ile yüksek üretim adetleri
- Pres sistemi sayesinde daha düşük yapıştırıcıyla daha güçlü yapıştırma imkanı
- Azalan operatör yorgunluğuyla uzun süreli yüksek verim
- Daha temiz ve standart kalitede üretim
- Yay, kapitone, bordür üretim departmanlarından yatak montaj, yapıştırma, kenar kapama, paketlenme ve yükleme alanına kadar sayısız çözüm
- Mevcut makinelerinizin hatta adaptasyonu
- Gelişmiş online kalite yönetim sistemi
- İlerleyen dönemlerde kolay layout değişikliği



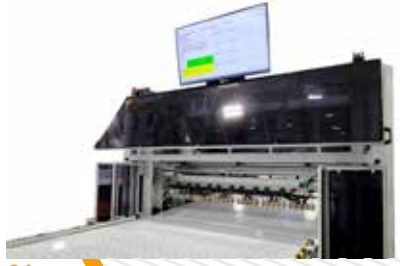
The Factory Never Sleeps



The advance control system makes the line simulation and production statistics be always with you via internet. BEDLINE Series keep your whole factory always in control from assembly to packing to dispatch.

Gelişmiş üretim istatistikleri ve simülasyonu ile üretiminiz montajdan paketlenmeye kadar her zaman izlenebilmektedir.

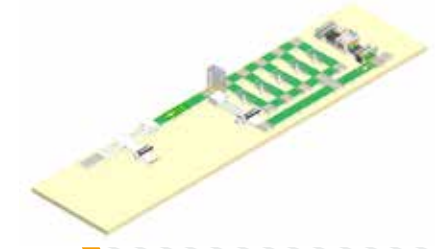




01

The most efficient system in the market for one-piece-flow production

Farklı tiplerde yatakların aynı anda üretimini kolaylaştıran üretim sistemi



04

Tailor-made projects for all production volumes

Vardiyada 100-4000 yatak için size özel çözümler



07

Consistent process automation regardless of mattress types, size or color

Yatak rengi, ebatları ve tiplerinden bağımsız olarak sorunsuz çalışma



10

Easy future upgrades for higher capacity, higher level of automation, layout changes, etc.

Kapasite artırımı, otomasyon artırımı ve alan değişiklikleri için kolay hat güncellemesi



02

Able to fit the line in any layout thanks to cross conveyors, turn tables and elevators

Kros konveyör ve döndürme konveyörleriyle fabrikaya özel esnek hat yerleşimi



05

Self detection of mattress sizes (width, length, height)

Yatak ebatlarını otomatik tanıma sistemi: en, boy, yükseklik



08

Statistical charts for production data and simulation: glue consumption, number of layers, number of mattresses, specific operator performance, hour/shift/day/week/month based efficiency charts, time of stop, unit sizes.

Yapışkan sarfiyatı, yapıştırma adedi, duruş zamanı, katman ölçüleri, saat/vardiya/operatör/hafta/ay bazlı verim grafikleri gibi sayısız veriyi tutarak istatistiksel üretim grafikleri oluşturan üretim takip sistemi ve simülasyonu



11

Full integration of feeding, gluing, flipping, pressing, tape edging, cover filling, stacking, inspection, packing, dispatch distribution sections

Yapıştırma, takla, asansör, kenar kapama, kalite kontrol ve paketleme istasyonlarının birbirlerine tam adaptasyonu



03

Able to adapt any kind of glue lines

R-pro, fixet, wbx series yapıştırma hatları ile kolay adaptasyon



06

Reduced human error and production mess

Operatör hatalarını ve dağınıklığı ortadan kaldıran proses yapısı



09

Optimized production flow with buffer, stacker systems

Asansör sistemleri ile dalgalanmalardan etkilenmeyen sürekli verim



12

Unique solution for pillow top, euro top, zipper cover, all foam, foam encased, hybrid mattresses

Pedli, zımbalı, kenar takozlu, sünger ve yaylı yataklarınız için özgün çözümler

TECHNICAL DETAILS / TEKNİK DETAYLAR

BEDLINE

Capacity / Kapasite 100 - 4000 mattresses / 8 hours / 100-4000 yatak / 8 saat

Conveyor Speed / Konveyör Hızı 45-65 m/min / m/dak

CE Certificate / CE Sertifikası Yes / Mevcut

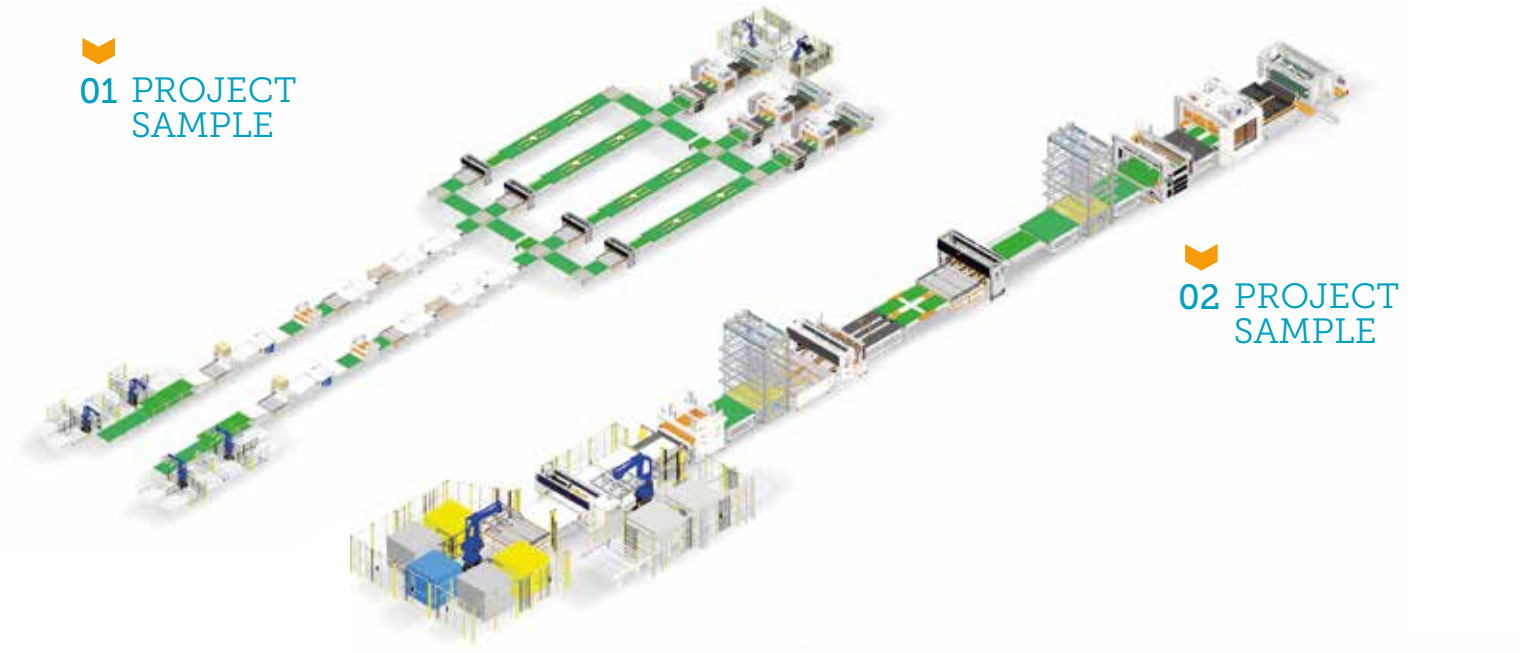


GoSmart

Bedding Intelligence

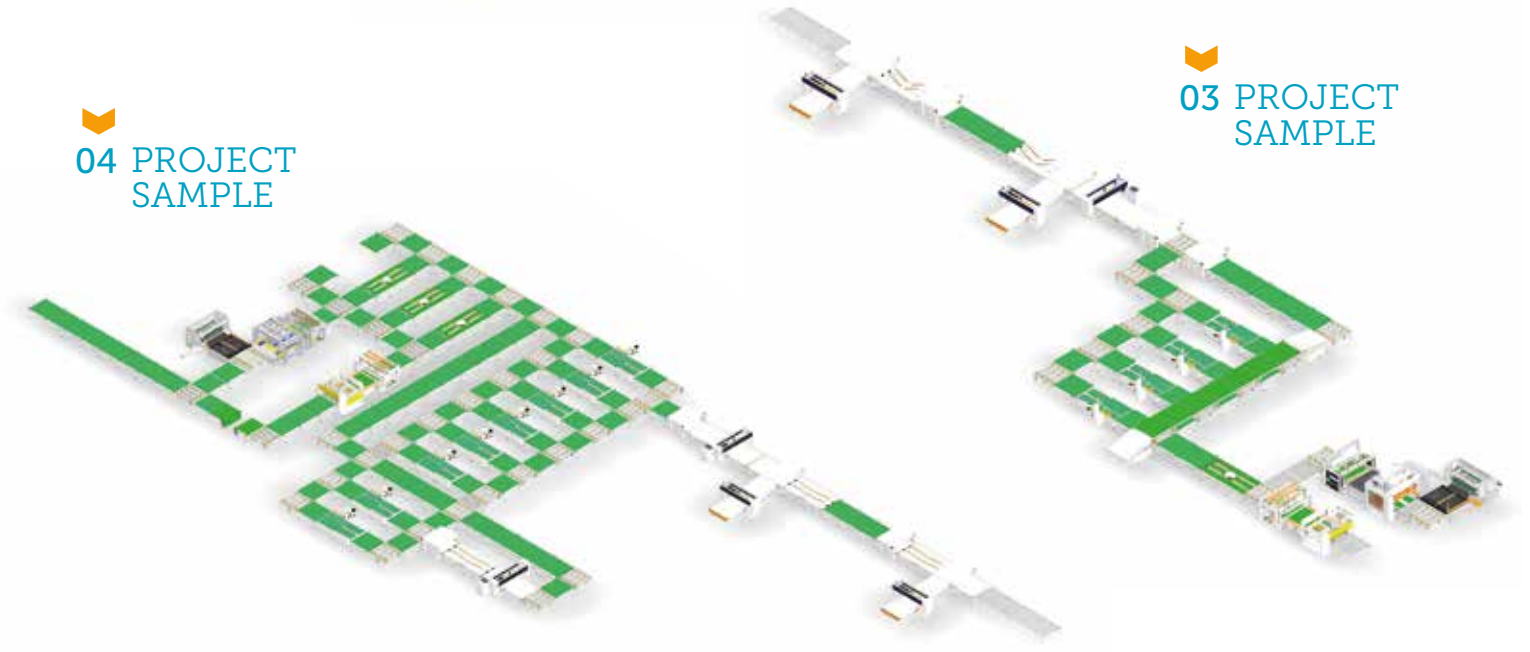
Turnkey RFID System Integration

01 PROJECT SAMPLE



02 PROJECT SAMPLE

04 PROJECT SAMPLE



03 PROJECT SAMPLE

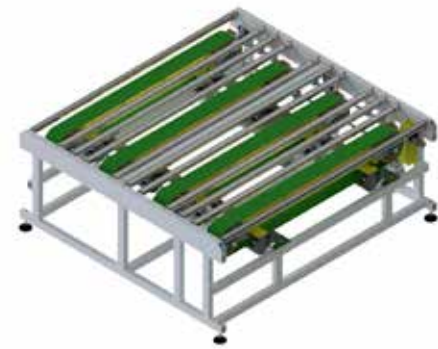
SOME OF THE BEDLINE COMPONENTS



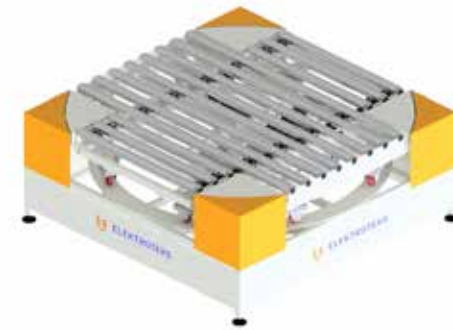
ET-LC2300
Motorized Belt Conveyor



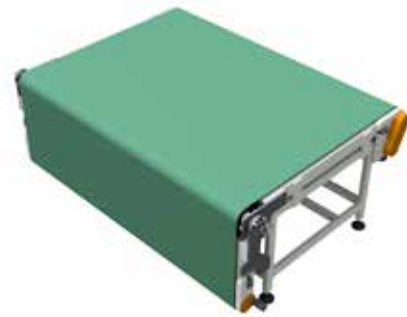
ET-MR2200
Motorized Roller Conveyor



ET-LXY90
90° Cross Conveyor



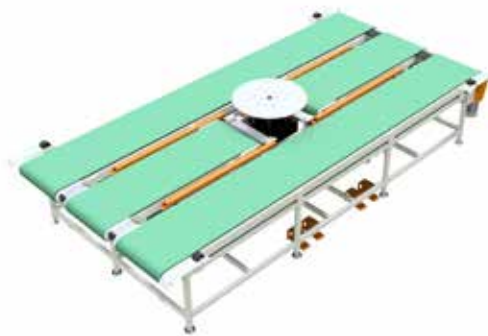
ET-LT90
90° Turning Cross Conveyor



ET-LC2300-FG
Motorized Belt Conveyor with Flip Gate Passage



ET-LTURN
90° Turning Conveyor



ET-LQC-FLIP
Automatic Lift, Spin and Flip Quality Control Conveyor



ET-LQC
Automatic Lift and Spin Quality Control Conveyor

SOME OF THE BEDLINE COMPONENTS



ET-BT-FLIP
Mattress Build Table with Lift, Spin and Flip



ET-LC4000-FG2800
Hydraulic Lift Gate Conveyor with 2.8m Opening for Passage



ET-LFL-FLAT-LS
Silicon Belt 2 Arms Flipping Conveyor



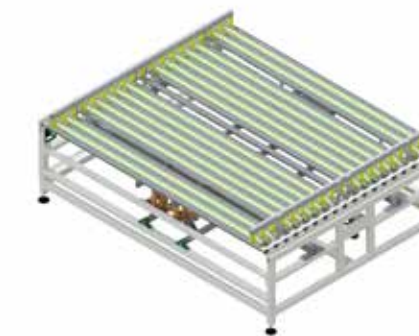
ET-LFL-FLAT-S
Silicon Belt 4 Arms Smooth Flipping Conveyor



ET-LC2300-S
Silicon Belt Motorized Belt Conveyor



ET-LC2300-SR
Silicon Belt Ramp Conveyor



ET-ALGN-R
Automatic Centralizing and Aligning Conveyor



ET-LC3000-SFR
Silicon Belt Moving Ramp Conveyor

SOME OF THE BEDLINE COMPONENTS



ET-LC2300-ADJ2
Silicon Belt Double Side Flip Assembly Conveyor



ET-LC2300-ADJ
Silicon Belt Side Flip Assembly Conveyor



ET-SLD2300
Double Floor Telescopic Mattress Assembly System for EZ-BUILD



ET-EB3000
Automated Mattress Build Table with Auto Adjusting Side Guides



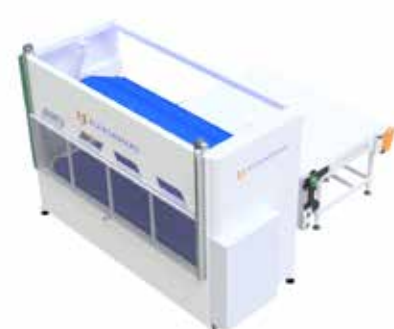
ET-SRMP-LC4800-S
Automated Double Floor Merge System



ET-LPR-S
Automatic Pressing System (1 ton)



ET-HLPR-S
Automatic Heavy Duty Pressing System (4 tons)



UNS-100L
Automatic Roll Spring Opener

SOME OF THE BEDLINE COMPONENTS



ET-MR2200-L
Low Platform Motorized Roller Conveyor



ET-DR2200
Double Floor Motorized Roller Conveyor



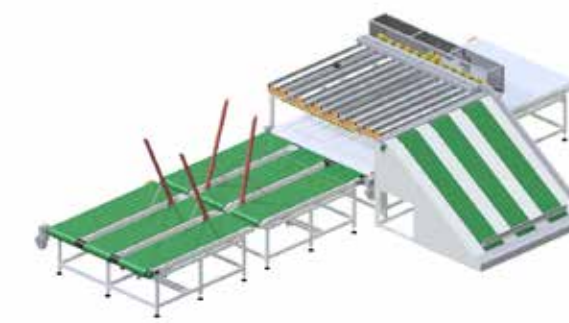
ET-LFT
Automatic Elevator Conveyor for Multi Floor Lines



ET-DR2200-SCS
Automatic Stack Foam, Spring, Felt Feeding System with Double Floor for Automatic Empty Pallet Discharge System



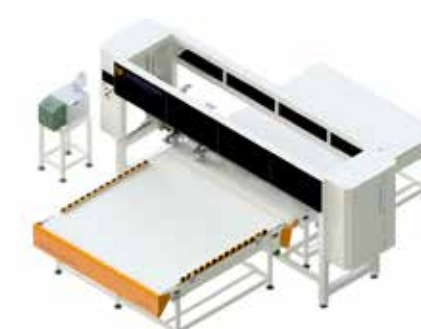
ET-BUFFER
Automatic Mattress Buffer System



ET-SFPR
Automatic Spring Feeding System to Assembly Section



RobET-SFP
Automatic Feeding and Assembly Robot



FixET Series
Automatic Mattress Hotmelt Line

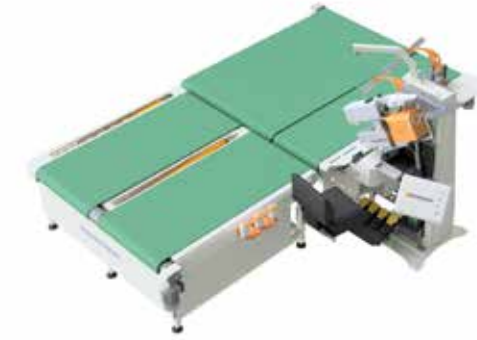
SOME OF THE BEDLINE COMPONENTS



FEL-X2
Automatic Roll Felt Pulling, Cutting and Joining System



WBX-300-FG
Water Based Roll Coating Glue System



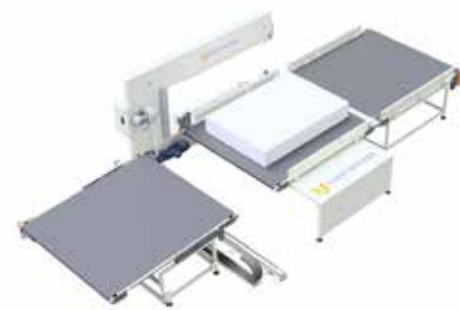
KYK-HS2
Automatic Tape Edge Machine



ET-ROLL-460-SFP
Automatic Mattress Wrap-Compress-Fold-Roll Machine



ET-IDC
IR Drying Oven System



DXV-TRIM
Automatic Mattress Trimmer



FULLPACK-X
Automatic Mattress Wrapping Machine



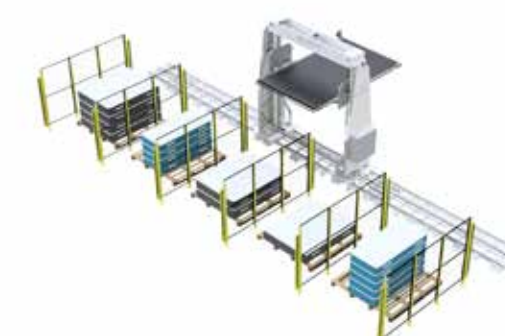
ET-STACKER-S
Automatic Mattress Stacker and Destacker



MSF-300
Automatic Tricot Inner Cover Filling and Sealing Machine



MSF-200
Semi Auto Tricot Inner Cover Filling and Sealing Machine



ET-STACKER-ASR
Automatic Multicell Mattress Sorting and Stacking System



ET-V-STACKER
Automatic Vertical Mattress Stacker



FRS-100
Semi Automated FR Socks Stuffing and Sewing Machine



MATFILL
Automated Zipper Cover Filling Machine



RoBOX-100
Automatic Roll Pack Mattress Boxing Robot



RoBOX-F
Automatic Flat Mattress Boxing Robot

SOME OF THE BEDLINE COMPONENTS