



# BEDLINE

Smart Bedding Automation

## AUTOMATIC MATTRESS PRODUCTION LINE

OTOMATİK YATAK ÜRETİM HATTI

MATTRESS PRODUCTION LINES | YATAK ÜRETİM HATLARI



BEDLINE Series is automated production line which is fully designed and implemented according to you production variables such as capacity, level of mattress versatility, general categories of mattresses, layout, existing machines, labor cost, etc.

BEDLINE Series provides neat and efficiency production by eliminating handling, damage or dirt on the mattresses during the handling, operators' fatigue, the volatility of the operators efficiency 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 completely designed for least volatility of production efficiency with respect to flexibility of your mattress types.

BEDLINE Series üretimimize özel olarak tasarlanmış otomatik yatak üretim hattıdır. Üretim adediniz, fabrika planınız, yatak çeşitliliğinize göre tasarımlarınız mevcut makinelerinizin adaptasyonu ile fabrikaya kurulmaktadır.

Yatak taşımaması ortadan kaldırarak, operatör yorulmasını azaltmakta, taşıma sırasında yataklar üzerinde oluşan kir ve deformasyonu ortadan kaldırmaktadır. Operatör sayısını ciddi oranda azaltarak her prosedeki 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 ürettiği seri olarak yapabileceği şekilde tasarlanmakta ve güncellenmektedir.

## ADVANTAGES / AVANTAJLARI

- Reduced labor and time waste
- Lower glue consumption with standardized production and bonding strengthening pressing process
- Consistent efficiency with the reduced operator fatigue
- Neater production with less handling
- Various solutions from spring, quilting, border departments to assembly, gluing, tape edging packing and dispatch/stock departments
- Ability to adapt your existing machines on the line
- Advanced online quality management and smart reporting system
- 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



The Factory Never Sleeps



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

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





**01** Silicone belts with self cleaning system until the tape edging department  
Yatak kenar kapama bölümüne kadar otomatik temizleme rubülü silikon bantlar



**02** Ability to fit the line in any layout thanks to cross conveyor and turning tables  
Kros konveyör ve dönürme konveyörleriyle fabrikalara özel esnek hat yerleşimi



**03** Ability to adapt all R-PRO, FixET, WBX series glue lines  
R-pro, fixet, wbx serisi yapıştırma hatları ile kolay adaptasyon



**04** Tailor made projects for all production volumes  
Vardiyada 100-2000 yatak için size özel çözümler



**05** Self detection of mattress sizes: width, length, height  
Yatak ebatlarını otomatik tanıma sistemi: en, boy, yükseklik



**06** Reduced human error and production mess  
Operatör hatalarını ve dağılımı ortadan kaldıran proses yapısı



**07** Consistent process operation regardless of mattress types, colors and sizes



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



**09** Decreased efficiency volatility with buffer systems



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



**11** Full adaptation of gluing, flipping, stacking, tape edging, quality control, packing sections



**12** Unique solutions for pillow-top, euro-top foam encapsulated, clips (clinched), spring or foam mattresses

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

Yapıştırma, tokla, asansör, kenar kapama, kalite kontrol ve paketlenme istasyonlarının birbirlerine tam adaptasyonu

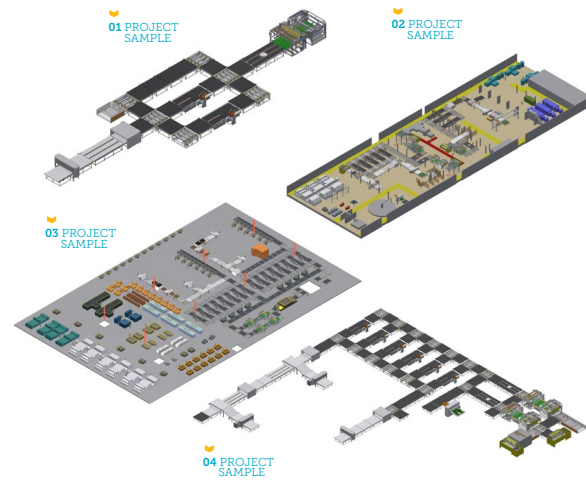
Pedli, zımbalı, kenar tokozlu, sünger ve yalıtı yatakları için özgün çözümler

TECHNICAL DETAILS - TEKNİK DETAYLAR

BEDLINE

Capacity / Kapasite	100 - 2 000 mattresses / 8 hours / 100-2000 yatak / 8 saat
Max. Conveyor Speed / Maks. Konveyör Hızı	40-50 m/min / m/dak
Voltage Type (Revised as Optional) / Elektrik	380 VAC (III+N+TT)
Compressed Air / Hava	6-8 Bar
CE Certificate / CE Sertifikası	Yes / Mevcut

S-TAG GoSmart Bedding Intelligence Turnkey RFID System Integration



## SOME OF THE BEDLINE COMPONENTS



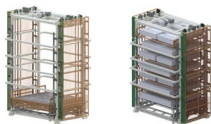
**ET-IDC**  
IR Drying Oven System



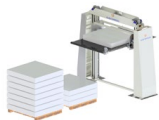
**ET-LC2300-SCS**  
Silicon Belt Auto Height Adjustment Conveyor



**ET-LC2300-CS**  
Auto Height Adjustment Conveyor



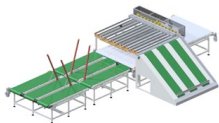
**ET-BUFFER**  
Automatic Mattress Buffer System



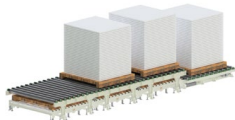
**ET-STACKER-S**  
Auto Mattress, Foam, Bases Stacking System



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



**ET-SFPR**  
Automatic Spring Feeding System to Assembly Section



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

## SOME OF THE BEDLINE COMPONENTS



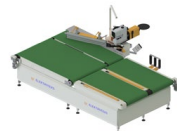
**ET-MR2200-L**  
Low Height Motorized Roller Conveyor



**ET-DR2200**  
Double Floor Motorized Roller Conveyor



**ET-LFT**  
Automatic Elevator Conveyor for Multi Floor Lines



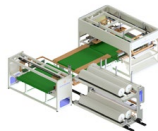
**KYK-HS2**  
Automatic Tape Edge Machine



**FixET Series**  
Automatic Hotmelt Glue Line



**WBX Series**  
Water Base Roll Coating Lamination Line



**FULLPACK-X**  
Automatic Packing Machine



**ET-ROLL-310**  
Automatic Roll Pack Line

## SOME OF THE BEDLINE COMPONENTS



**ET-LC2300**  
Motorized Belt Conveyor

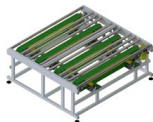
**ET-LC2300-S**  
Silicon Belt Motorized Belt Conveyor



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



**ET-LC2300-ADJ**  
Silicon Belt Side Flip Assembly Conveyor



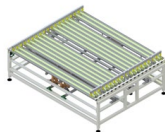
**ET-LXY90**  
90° Cross Conveyor



**ET-LT90**  
90° Turning Conveyor

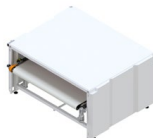


**ET-LTURN**  
90° Turning and Aligning Conveyor



**ET-ALGN-R**  
Automatic Centralizing or Aligning Conveyor

## SOME OF THE BEDLINE COMPONENTS



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



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



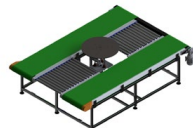
**ET-LFL-FLAT-LS**  
Silicon Belt 2 Arms Flipping Conveyor



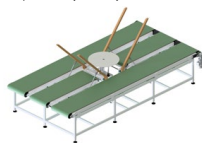
**ET-LFL-FLAT-S**  
Silicon Belt 4 Arms Smooth Flipping Conveyor



**ET-MR2200-FG**  
Motorized Flip Gate Conveyor for Easy Pass



**ET-LQC**  
Automatic Lift and Spin Quality Control Conveyor



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



**ET-LC2300-SLG**  
Silicon Belt Sliding Gate Conveyor for Easy Pass