

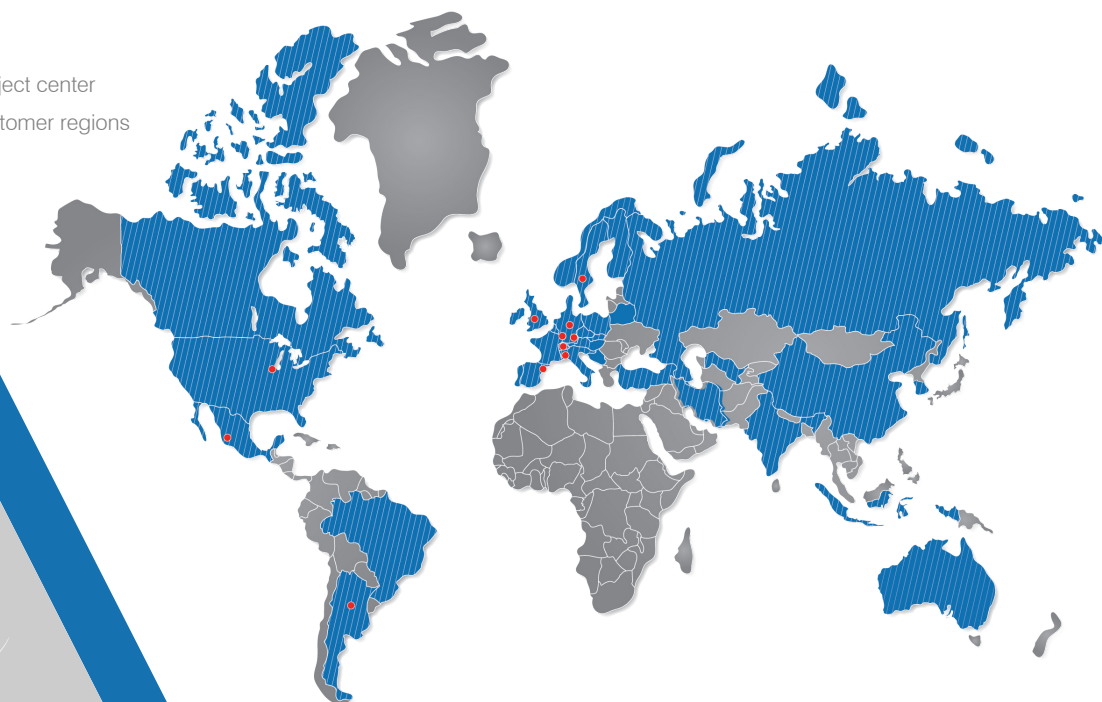



-  EWAB project center
-  EWAB customer regions



THE EWAB GROUP

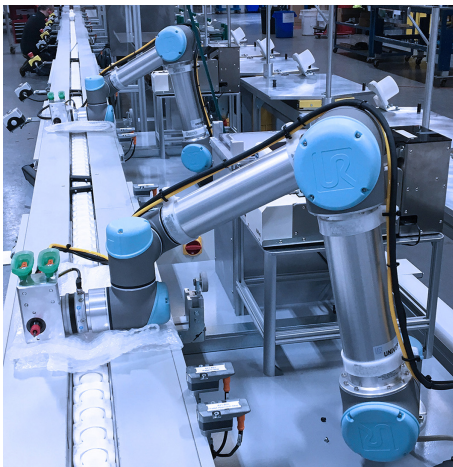
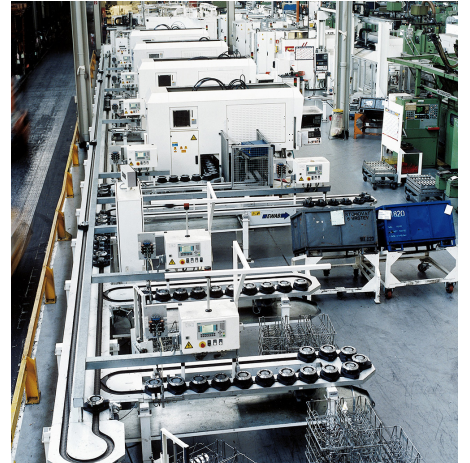
- EWAB was founded in Sweden 1970
- Family owned company
- International group, 11 countries
- Group resources, 170 people 
- Project capacity around 60M Euro
- Large long term customer base
- A tech oriented knowledge-company with automation, material flow and high quality in focus
- All from consultative selling, to design, build & implementation of EWAB system solutions

Company





*“FROM SINGLE CELL SOLUTIONS
RIGHT UP TO LARGE
MULTI PROCESS FLOW SYSTEMS”*



Solutions & Services

Our modular material flow systems have been setting standards for decades. We make customized solutions with high quality, reliability and availability. You will get a solid partner with experience from industries that set advanced and demanding requirements on products, material flow and the fulfillment.



Just Add Machines

- Robotics
- Loading & handling
- Peripherals

Services

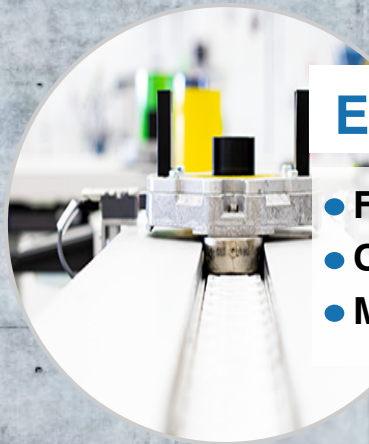
Digital Services

- Line takt time
- Bottle neck ID
- Preventive maintenance

Various innovative control concepts as
EWAB controls, Siemens & Allen-Bradley

Some of the functions we can deliver to our systems

- SPC Control
- Laser Marking
- Part Tracking
- Cleaning
- Safety
- Fixation
- Lifts
- Buffer Brakes



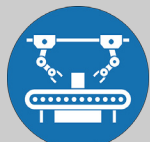
EWAB Systems

- Flexible flow lines
- Continuous flow lines
- Machine buffer loops



Flow coaching & consulting

- Workpiece flow logistics
- Seminars
- Gemba walk



Application
competences





EWAB
ENGINEERING

Workpiece carriers

We use standard pallets and engineer the fixture for different customer parts. There are a handful of pallet variants depending on the weight, shape, size and characteristics of the part. A high level of transport security is guaranteed.

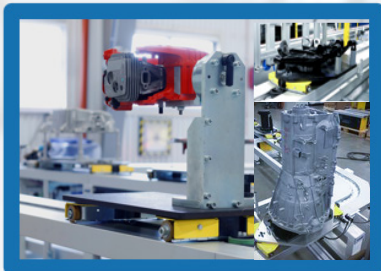
Small PS800





-  Weight <30kg
-  Speed 0-20 m / min
-  Buffer Brake function
-  Machining operations

The bearing pressure is applied directly to the chain. Special designed for cell solutions and multi process systems.

Medium CS200




-  Weight <100kg
-  Speed 0-15 m / min
-  Buffer Brake function
-  Machining & Assembly

Plastic rollers run directly on the aluminium profile. Compact design.

Large CS900



-  Weight <400kg
-  Speed 0-15 m / min
-  Buffer Brake function
-  Machining & Assembly
-  Carrier weight supported by s loaded bogies on rail profiles

Steel rollers run on the side of the tracks. Special designed for cell solutions and multi process systems.






X-Large CS2000



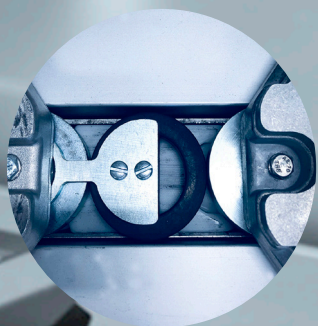
The most powerful of our carrier systems, features large guide rollers.





EWAB
Carriers



Carrier	Characteristics	Weight	Speed
 <p>PS800</p>	The bearing pressure is applied directly to the chain. Special designed for cell solutions and multi process systems	<30kg	0-20 m /min
 <p>PS810</p>	The weight is distributed over the chain and lateral track. Designed for larger weight than PS800.	<50kg	0-20 m /min
 <p>CS200</p>	Plastic side rollers that run directly on the profile. Compact design.	<100kg	0-15 m /min
 <p>CS900</p>	Steel rollers run on the side of the tracks. Special designed for cell solutions and multi process systems.	<400kg	0-15 m /min
 <p>CS2000</p>	Carrier weight supported from bogies on steel bars. Spring load from bogie direct on EWAB Secura chain.	<1.500kg	0-12 m /min



Machining	Assembly	Buffer brake (P)	& μ	Extreme Condition (Woil, dust, chips)
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●



-  Transport on EWAB secura chain by friction
-  Re-use and scale-up by using EWAB controls
-  All electric
-  Buffer brake function
 1. Reduce accumulation pressure
 2. Shock absorbing function for approaching workpiece carriers
 3. Noise reducing function for accumulating workpiece carriers

-  Weight <1500kg
-  Speed 0-12 m / min
-  Buffer Brake function
-  Assembly operations
-  Carrier weight supported by spring loaded bogies on rail profiles

EWAB workpiece carriers are extremely reliable. They operate under extreme conditions, such as grinding dust, wool or chips. A high level of transport security is guaranteed. Defined position and orientation of the parts.

 Transport on EWAB secura chain by friction 

Production facilities

Argentina



Germany



Italy



Spain



Sweden



USA



Sales, Service, Engineering

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