

atlas WMS

MECHANICAL

Integrated Software for Warehouse
Management in the Metal Industry



Everything you need for metal warehouse management

The contemporary metal production industry is amongst the most demanding fields of operation. This is why we have brought together our extensive experience and expertise gained through the implementation of the most demanding projects for leading global customers in the field of metal distribution in AtlasWMS Metal.

We would like to present to you a comprehensive, highly integrated software solution for simplified and efficient metal warehouse management.



STOCK MANAGEMENT IN SEVERAL UNITS OF MEASUREMENT SIMULTANEOUSLY

AtlasWMS Metal converts the units of measurement and can manage stock in several units of measurement (kilograms, meters and pieces) simultaneously. Because it is familiar with the converter between weight and length and/or piece for each individual material batch, the software can provide accurate information as to how much of a certain material is in your warehouse at any time.

REMAINING PIECES MANAGEMENT

AtlasWMS Metal keeps track of the remaining pieces and upon request reports it to ERP.

As this provides the sales department with an overview of remaining pieces, they can order a shipment of a specific remaining piece to a customer, thus eliminating the need for cutting.

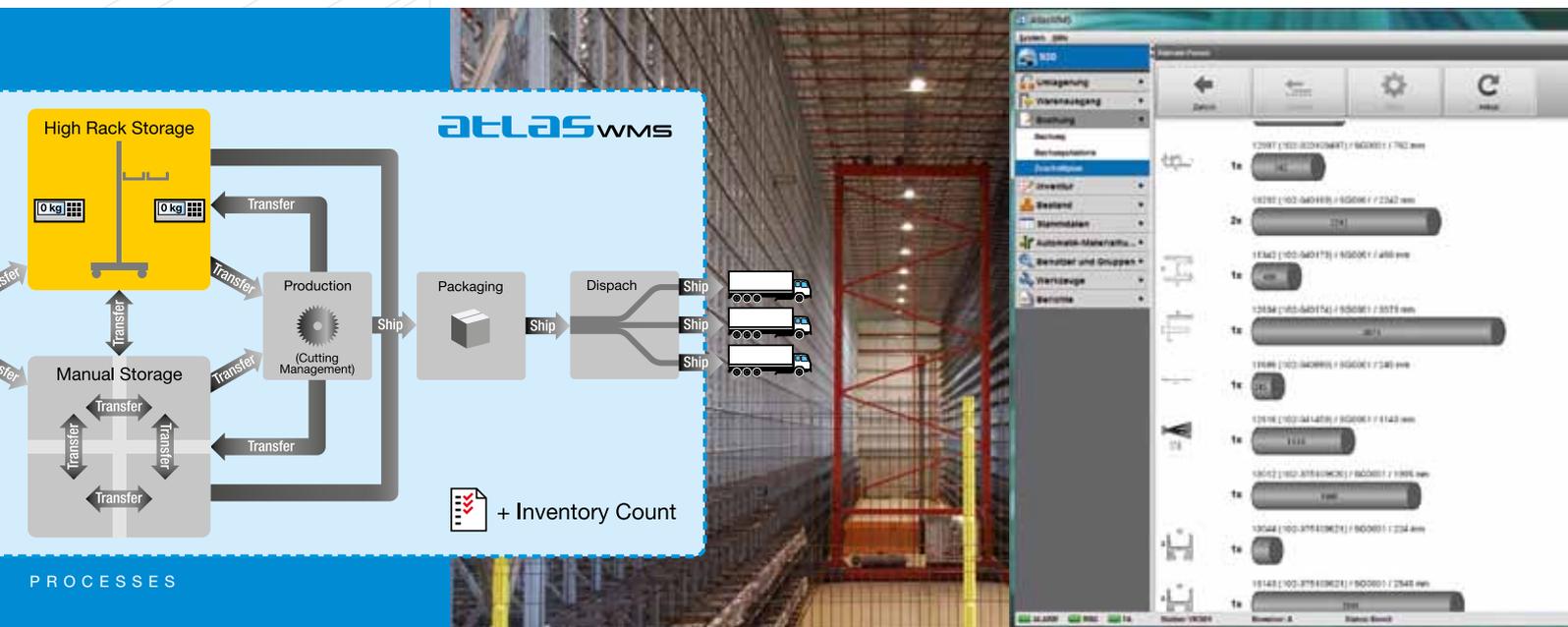
CUTTING MANAGEMENT

CutITsmart is an integrated WMS module that extends the operation of the WMS system to the cutting of material. The CutITsmart optimisation module helps you to optimise material utilisation and stock, movements in the logistics process, work and operation, utilisation and load on resources (cutting saws), time required for cutting, costs, and shipping of the cut pieces.

In practice, optimisation of the cutting process requires several optimisation procedures and the resolution specific requirements. CutITsmart can optimise processes with regard to different parameters: time required for cutting, utilisation of material, and/or costs of cutting

SUPPORT TO PRODUCTION PROCESSES

The latest trends require production processes, such as cutting, confectioning, repackaging, labelling, etc., to also be executed in the warehouse environment, AtlasWMS Metal also supports such processes and integrates them into a single system.



MANAGEMENT OF THE SAME MATERIAL BY DIFFERENT BATCHES

AtlasWMS manages stock of the same product depending on its attributes. This means that the same material of different batches is stored in separate places, and upon request other parameters are also considered (e.g., production date, delivery number, the type of packaging or the expiration date). The same parameters are then used for shipping.

CONNECTION TO AUTOMATIC QUANTITY METERS

Mistakes always occur when quantities are entered manually. Therefore, for AtlasWMS we have developed an interface with automated measurement devices (scales, length measures, piece counters). This way, stock quantities always match, deliveries are always correct, and invoices always correspond.

TWO-IN-ONE CONCEPT

AtlasWMS combines both WMS (Warehouse Management System) and MFS (Material Flow System) in one package. The two-in-one concept provides a double benefit: it can function either as MFS or WMS, or as both at the same time. A joint interface ensures optimal operation, higher reliability and lower system implementation costs.

In the function of material flow management (MFS), it coordinates automated transport equipment (rack feeders, conveyors, etc.), while in the function of warehouse management (WMS) it manages material flow processes – from receipt to the dispatch of goods from the warehouse.

CONNECTION TO AUTOMATED TRANSPORT EQUIPMENT BY VARIOUS MANUFACTURERS

The demand for higher productivity and better utilisation of storage space calls for automated solutions. Mostly this translates into high-bay warehouses with rack feeders, conveyors, elevators, automated commissioning systems (AGVs), etc.

AtlasWMS Metal can be integrated with transport systems produced by diverse manufacturers (Siemens, Demag, Schaeffer, etc.).

REST MANAGEMENT

CUTTING MANAGEMENT

ATLASWMS IS WMS AND MFC

Standards VDI

ERP Interface

WMS Interface

MFC Interface

PLC Interface

EL Interface

ERP Interface

WMS MFC atlas WMS

PLC Interface

EL Interface

POWERFUL REPORTS

24x7 SUPPORT

A QUICK RETURN ON INVESTMENT

AtlasWMS Metal helps companies:

- to lower labour and material costs (as a result of process optimisation),
- to significantly simplify the storage and logistics of metals,
- to alleviate discrepancies in material flows,
- to maintain operation stability even in the most unpredictable circumstances,
- to increase responsiveness to demanding market needs, and
- to be consistent in ensuring the high quality of the entire operation.

The return on investment in AtlasWMS Metal can, on average, be expected in one year, and in certain warehouses in just a few months.

Main Features of AtlasWMS Metal

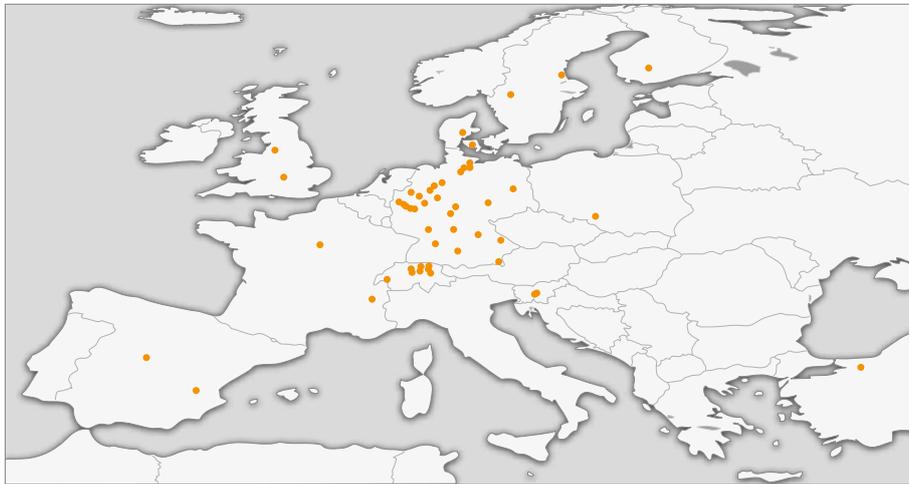
Multilingual	AtlasWMS will not only communicate in the language of your subsidiary but in the language of each user
Intuitive and modern user interface	
Visualization and diagnostics	a transport unit can be placed in the proper storage location with the shift of a mouse
Support for automatic transport devices from different manufacturers	(Siemens, Demag, Schaeffer and others)
Forward thinking logistics	in a warehouse every second counts: AtlasWMS processes its next moves in advance to ensure higher throughput
Automated scale and measurement device support	the mistakes typical of manual data entering are completely avoided
Charge/LOT and other stock identifier management	
Multi-unit stock keeping	simultaneous stock keeping in different units (kg, m, piece, etc.)
Flexible area (zone) management	the user can define custom storage and picking locations
Nested packaging management	(piece, six-pack, carton, etc.)
Nested transport units	(container in container, e.g., skip in cassette)
Transport unit partition (subdivision) management	
Stock volume management	
Receiving, retrieving and production order management	
Priority management	
Support for production processes	(material a → material b)
Automatic or manual reservation strategy	FIFO (First In First Out), FEFO (First Expire First Out)
ABC management	
Automatic stock replenishment	
Photo documentation of received and shipped material with a Wi-Fi photo camera	
Shipping management	shipping packaging, vehicle loading capacity optimization and shipping area control
100% traceability of all movements from receiving to shipment	(who, when, what, how much)
Advanced stock counting	permanent (zero crossing), random, or custom (yearly, etc.)
Custom label printing with bar code	(SSCC, EAN13, EAN128), 2D codes, graphics and data
RF tags and bar or 2D code automatic identification support	
Mobile RF terminal support	
Forklift control system	
One or two phase picking	
Owner and consignment management	
Powerful standard and custom reports	
ERP integration	AtlasWMS uses its standard interface to integrate with any ERP system into one tightly integrated system. It features standard solution for SAP (iDoc), Navision, Baan and others

References

Epilog is a partner of numerous most demanding logistics projects around Europe.

WAREHOUSES IN THE FOLLOWING COUNTRIES ARE MANAGED BY ATLASWMS:

Denmark
Finland
France
Germany
Poland
Slovenia
Spain
Sweden
Switzerland
Turkey
United Kingdom



In addition to our rich and long experience in international markets, we can also guarantee the quality of our services with the certificates that we have acquired and the standards that we meet. We are proud holders of a certificate by the renowned German *Institute for Material Flows and Logistics* **Fraunhofer IML**, we manage our processes according to the **ISO 9001:2008** standard, and we have also obtained a **rating excellence certificate**, the best rating of the value of businesses granted by the Bisnode rating agency.



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