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HELL

## HELL WEBINARS

Webinar series to be repeated in spring 2022

At the end of the year, HELL informed about current new developments in an English-language webinar series, see overview below. You can register informally for the events still to come at: [webinar@hell-gravure.de](mailto:webinar@hell-gravure.de)

The webinar series will be repeated in spring 2022. If you are interested, we will inform you in time! Please send an informal mail to: [webinar@hell-gravure.de](mailto:webinar@hell-gravure.de)

<b>HD GRAVURE</b>	<b>The new quality standard for today's packaging gravure</b>	
<b>CERTIFIED ENGRAVING</b>	<b>Automatic process control</b>	
<b>CELLAXY</b>	<b>Direct laser for linework, contone and embossing</b>	Tuesday, December 7
<b>PREMIUMSETTER</b>	<b>for versatile applications in relief printing</b>	Tuesday, December 14

Begin is in each case at **9.30 a.m.** and **4.30 p.m.** (local time Germany)  
 Duration approx. **60 minutes**  
 The webinars are conducted using **Microsoft Teams**.



K. WALTER

## CYON MAKES CYLINDER FORM MANUFACTURING TRANSPARENT

Data-based IOT solution for optimizing production

### The name says it all!

CYON stands for “CYLinder ONline” and takes our PICS and Production Viewer software packages to the next level. This new database solution makes cylinder manufacturing data transparent to users. The improved quality of data makes it easier for management and operators to optimize production.

### Overview due to intelligent query options

CYON enables tracking of production data throughout the entire cylinder production

value chain. Information related to the ongoing production of cylinder sets is available in real time, and analyses can be compiled over definable periods based on the available data for the finished cylinders.

It’s easy to obtain informative KPI’s, benchmarks and further details in a structured diagram or table. Data can be checked for the entire Auto-Con line, individual sections of the line (copper, chrome, engraving) or comparisons of several machines.



The CYON Performance dashboard – clearly structured analysis in tables and diagrams



K. WALTER

### Modular design

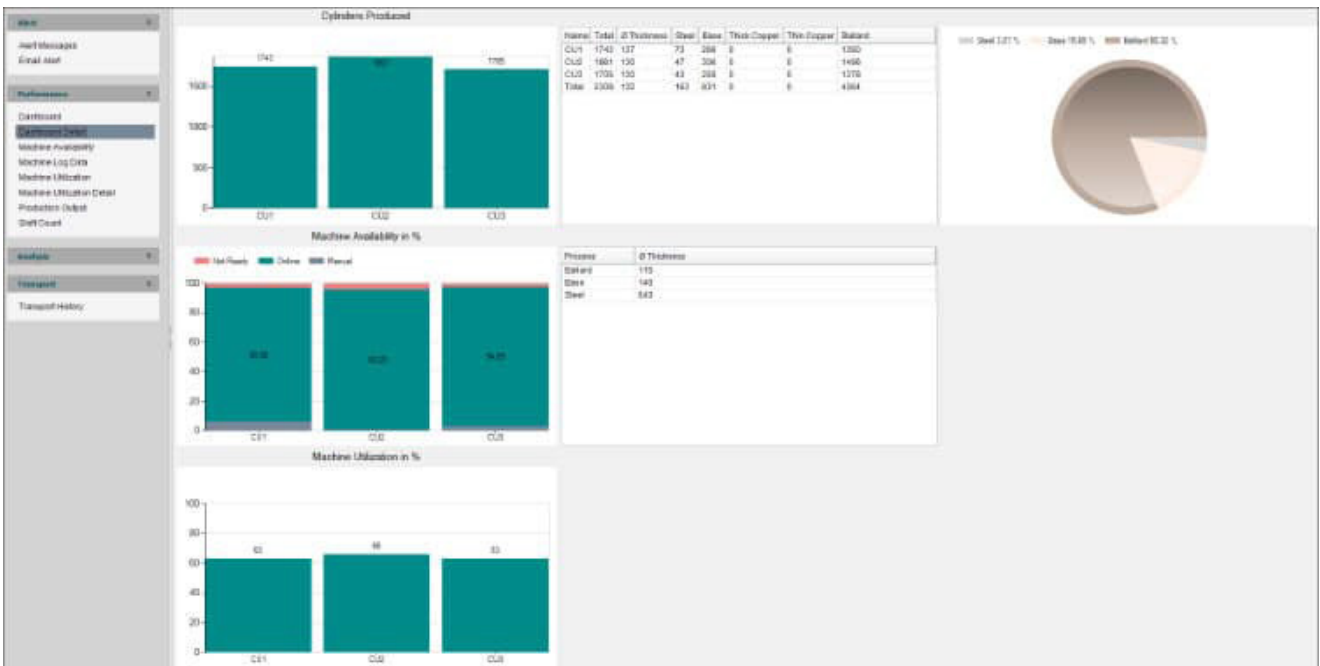
CYON consists of various modules. The following are currently available for Auto-Con lines: CYON Performance, CYON Alert and CYON Transport.

Further modules are at the planning stage.

### CYON Performance

The heart of the solution is the CYON Performance module, which displays the key performance indicators for machines and produc-

tion sections. Data of produced cylinders are recorded and displayed based on all kinds of aspects. The “production output” display, for instance, can indicate key figures per day, week or month and also per shift, if required. Just like a planning board in an MIS or ERP system, the “overview” display provides details of “machine availability” and “machine utilization” (status and capacity utilization of the cylinder production line down to the level of individual machines) in figures and diagrams. This means the planned and actual performance levels can be compared and any unused capacity can be tapped.



CYON Performance Dashboard CU



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### **CYON Alert and CYON Transport**

In case of automated production, it is essential to define alarm settings to get rapid support and minimal downtimes even if there are no operators present.

CYON Alert therefore sends error messages by e-mail. Errors and alarms for a selected period can also be provided for evaluation and optimization.

The CYON Transport module issues time-referenced notifications about cylinder movements with the transport unit. This makes it possible to keep track of which cylinder is being produced, where and when or which equipment the cylinder has previously passed through.

### **Plug and play**

One big advantage of our AutoCon systems with Windows 10 IoT and GGI (from Version 2.0) is easy plug-and-play installation in an existing IT

structure. Data is easy to export in MS Excel standard format for use in other planning and administrative systems or enhanced analyses.

### **Product demonstration**

We would be happy to provide an online product demonstration. Please contact our sales team to arrange a date and time.



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## IL GRANDE DUO PERFETTI

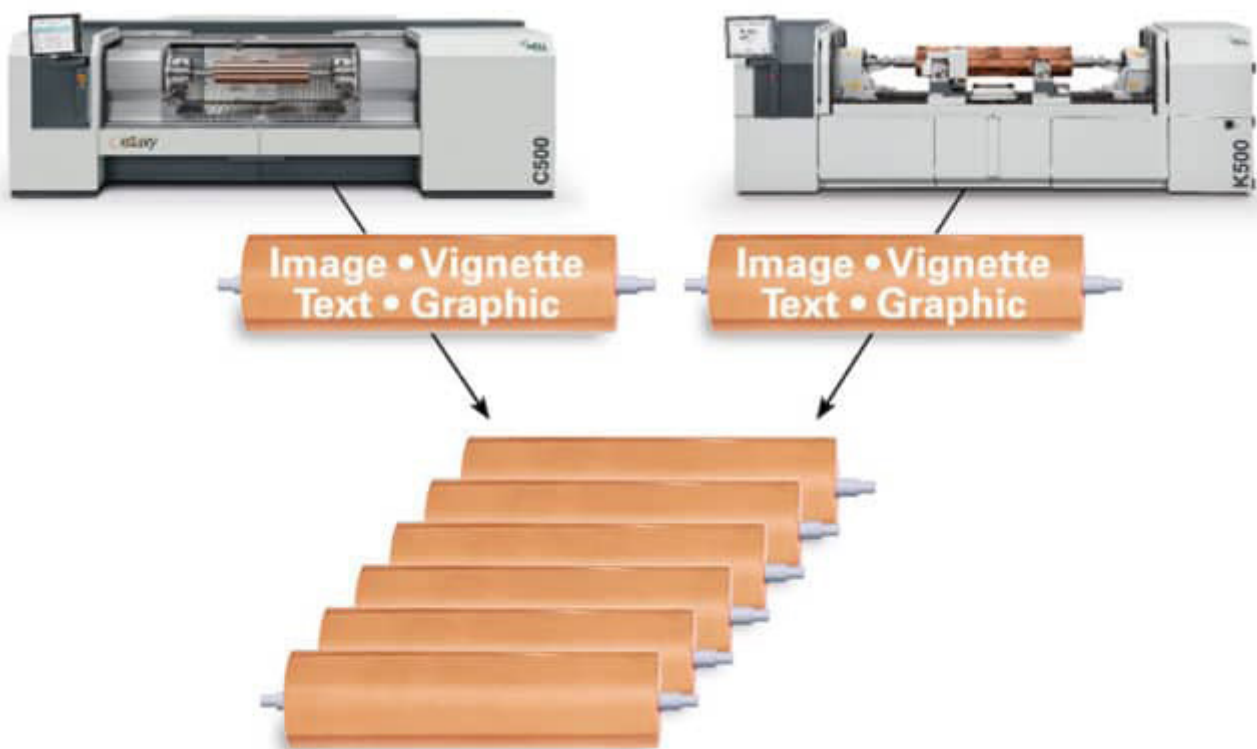
Cellaxy in Dual Operation with HelioKlischograph systems

**Some things are simply made for each other – a duet in perfect harmony. The Cellaxy C500 and HelioKlischograph K500 are a great example.**

When used together, the C500 works optimally with the K500 and even the K5 Smart, perfectly enhancing the opportunities offered by high-per-

formance electromechanical cylinder engraving with the features of an extremely high-performance direct laser. Benefits include the finest HD Gravure quality for linework and contone and an overall installation that is simple to operate and delivers excellent process stability.

Further information: [www.hell.de/dualoperation](http://www.hell.de/dualoperation)





K.WALTER

## ENVIRONMENTAL HEALTH AND SAFETY (EHS) PACKAGE FOR CHROMIUM

An important step to satisfy regulations for working with chromium compounds and to improve safety

**As a result of its ongoing efforts to improve the environmental, health and safety situation while working with chromium, K.Walter has developed an upgrade package for all existing chromium tanks. This environmental health and safety package is an important step in fulfilling the current regulations for using chromium and ensures further improvements for workers' safety by reducing exposure to chromium trioxide.**

The package can be ordered separately to upgrade chromium tanks that have already been installed or as a complete solution in combination with new tanks.

### The package consists of:

- **Heliochrome wetting agent FF:** An additive that reduces aerosols and therefore exposure for users and the environment.
- **Heliochrome REOX 3:** An additive that regulates the trivalent chrome content so



that the use of lead anodes can be avoided. This approach reduces the need for maintenance and therefore considerably reduces exposure for users.

- **Heliochrome Rapid EC:** The 4-in-1 solution that combines all components and additives (wetting agent/catalyst/REOX 3/liquid chromium), thus eliminating the need to handle substances separately and use crystalline chromium and therefore reducing exposure for users and the environment.
- **Quick Connect:** Coupling device that reduces exposure for users and the environment while changing barrels or IBC tanks containing chromium.
- **Sample kit:** Safe removal of electrolyte



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samples, thereby reducing exposure for users when taking samples.

- **Exhaust control:** Control unit that checks the exhaust system is working correctly and therefore monitors exposure levels in the workplace.

For further information please contact us by emailing [chrome@kwalter.de](mailto:chrome@kwalter.de) or calling our customer service on +49 (0)89 785 96 0.



*Sample kit for safe removal of electrolyte samples*



*Quick Connect coupling device for enhanced safety when changing barrels or IBC tanks containing chromium*





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## CERTIFIED ENGRAVING

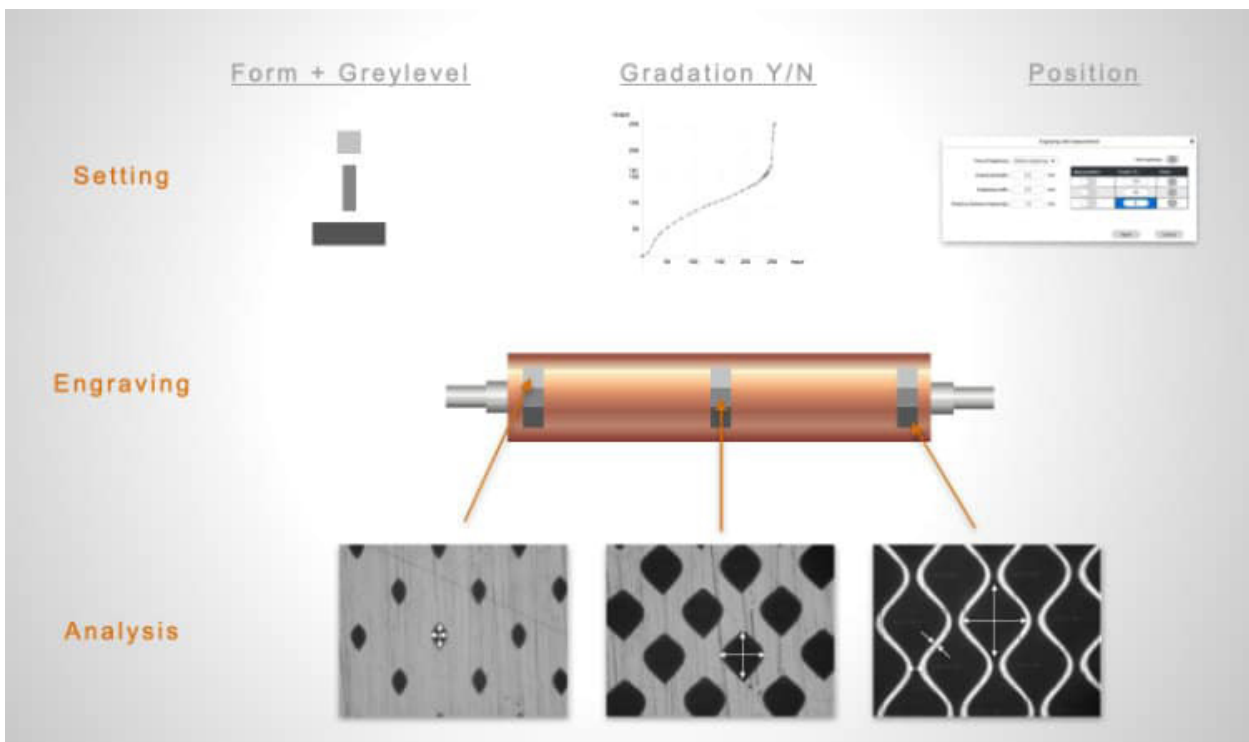
Manual measuring of the cylinder no longer necessary

**With Certified Engraving, current engraving machines have extensive functions for automatic quality control. Manual measurement of the cylinder is no longer necessary.**

Certified Engraving brings many quality-assuring functions directly to the engraving machine and automates previously manual work steps.

HelioKlischographs equipped with Certified Engraving verify the cylinder geometry, measure the engraving and create comprehensive documentation of the engraving. Bidirectional data exchange with MIS systems is possible. The essential functions of Certified Engraving are explained in a new description.

Click here for the [description](#)



*Automatic placement and measurement of control marks is just one of the features of Certified Engraving*



K.WALTER

## PROGRESS REPORT ON CHROMEXTEND

**Please note the following deadline:** Measurement results must be submitted by December 18, 2021

**Over recent months, K.Walter has supported the implementation of the CTAC authorization in Europe and assisted users in a variety of ways. Across the board, the chromium trioxide exposures that have been measured have been low, and well below the legal limits.**

K.Walter would like to remind chromium trioxide users once again that measurement results must be submitted to the European Chemicals Agency (ECHA) via REACH-IT by December 18. To assist in this process, K.Walter is once more offering support with completing the ECHA measurement template and uploading the data.

Since K.Walter submitted its application for authorization to the ECHA in February 2021, the application has been processed and handled

by various ECHA bodies. There has been constructive dialog between K.Walter and the ECHA at various points and K.Walter has been able to answer the last substantive questions satisfactorily. Based on initial discussions about operating conditions and risk reduction measures, it appears that the ECHA views the high process standards and safety measures in gravure and embossing electroplating as credible and adequate.

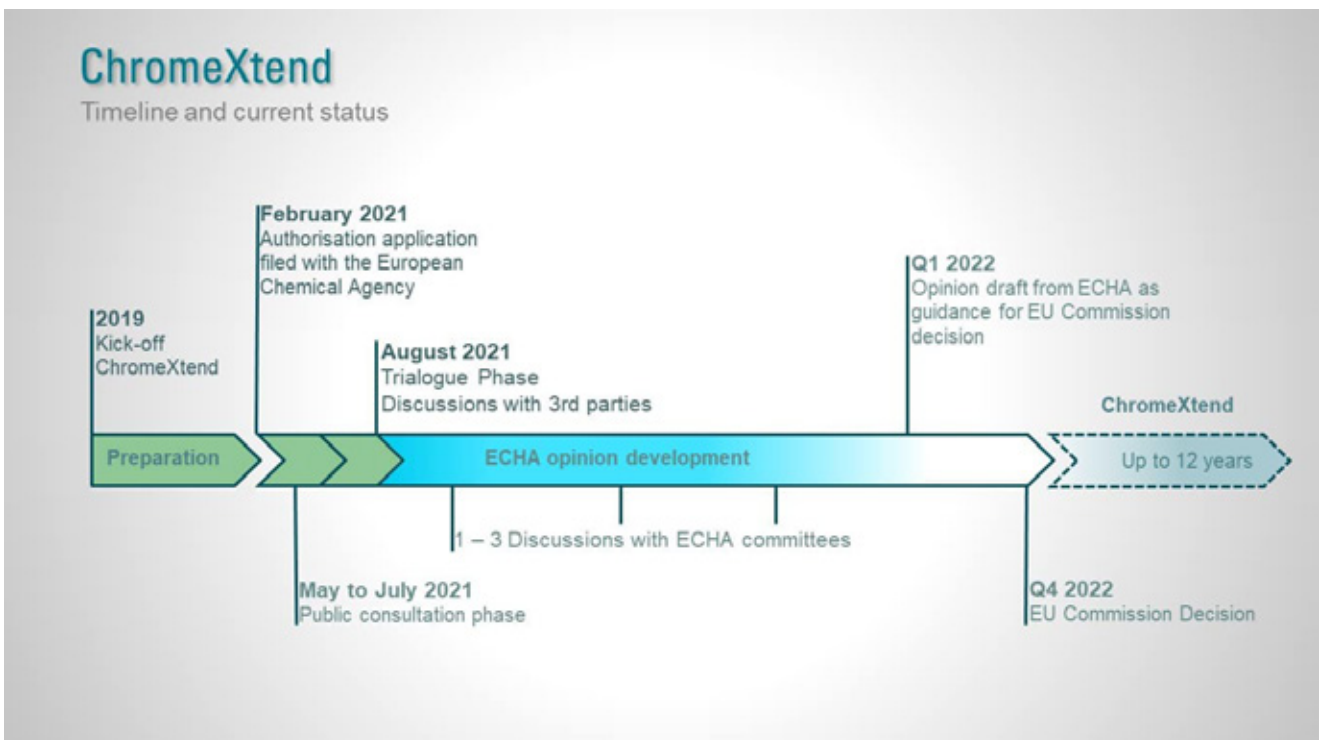
We anticipate that the ECHA will complete its report on our application in the next few weeks and pass it on to the European Commission. Based on the ECHA recommendation, the Commission will evaluate the application once again and a legal text will then be drawn up. This text will be passed into law when the member states in the European Commission's REACH



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Committee vote on it. Due to the large number of applications for authorization that have been presented to the Commission, it is currently anticipated that a final decision will be reached at the end of 2022/beginning of 2023.

If you have any questions about the implementation of the current chromium regulations, please contact Ms. Sylvia Berger ([s.berger@kwalter.de](mailto:s.berger@kwalter.de), +49 (0)89 785 96 188).



Timeframe and current status of CTAC authorization

## 5 GOOD REASONS SPEAK FOR A SUBSCRIPTION

**It's current:** The newsletter provides the latest information on products and services of the Heliograph Holding companies.

**It's comprehensive:** You gain new insights into the current developments of the Heliograph Holding companies.

**It's modern:** Read all news in a clearly structured presentation with a modern look.

**It's fast:** You immediately get the content you want – without long downloads or tedious file-handling.

**It's easy:** Register simply and quickly.



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### ABOUT HELIOSCOPE

Always with our finger on the pulse of time. Ascribing to this motto, we continually keep you informed about current developments, products and services of the Heliograph Holding companies. In practical, customer-oriented and worthwhile terms.

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