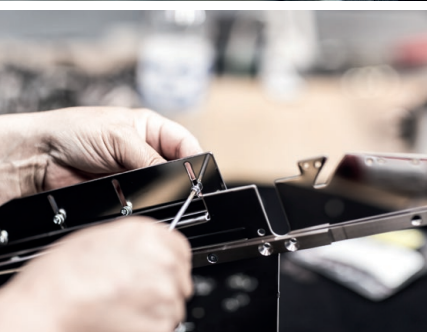




QUALITY PRODUCTS AND TECHNOLOGIES FOR
PROFESSIONAL COIN HANDLING



PRODUCT CATALOGUE



Ccoin™

COUNT ON US

Established in 1990 CTcoin A/S, Denmark has developed into one of the leading companies within bulk coin handling technologies. The products have been developed with a focus on quality, reliability, functionality and aesthetic design.

It is CTcoin's vision to build products that make a difference and technologies that create value, accountability and simplicity, whether achieved through intuitive operation and functionality, an optimal cost/benefit relationship or accurate counting and sorting technologies.

In today's economically advanced world, there are countless applications where coin and note handling are utilized. CTcoin's products are particularly designed for banking and retail environments. Although more of a niche space, only a few companies hold the acquired coin knowledge, which CTcoin specializes in. Mastering most existing coin sets in the world and having a capable distribution system to more than 50 nations requires specific knowledge and know-how, which CTcoin has curated over the years. Many complimentary cash handling companies realize this and are now utilizing the well-known and recognized CTcoin coin technologies in their applications and products. Now introducing the world's most advanced coin identification system and functionality – The SMARTconcept.

CTcoin strives to embody values such as trust, openness, creativity and partnership as core capabilities both internally and externally. We deeply value our partnerships with customers, distributors, suppliers and strategic partners around the world. They enjoy how easy and efficient it is to do business with us. We believe that our local partners are the most valuable assets we have. We know and recognize the importance of having local service, support and marketing know-ledge, which is why we guarantee a professional and qualified local sales and service provider.



For more comprehensive information please scan the QR code and you will automatically be directed to the relevant homepage.



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SMARTCONCEPT
Powered by CTcoin™

The SMARTconcept comprises of SMARTsensor, SMARTcontroller, SMARTtool and SMARTone.

V5 SENSOR TECHNOLOGY

The powerful 5th generation of sensor technology and electronics have 16 parameters of detection, securing accurate and reliable identification of coins.

DG ECFIN
Approved

CTcoin technology is approved by the Directorate General for Economic and Financial Affairs (DG ECFIN) and is in line with EU Regulation No. 1210/2010 of the 15. December, 2010.

ONE software

The ONE software secures uniform handling, maintenance and feature set throughout the CTcoin machines.

optional online CONNECTIVITY

By means of the communication module or direct via the SMARTconcept, CTcoin machines can transmit and receive data and profiles.

Deutsche Bundesbank
Approved

CTcoin technology is approved by the Deutsche Bundesbank and is in line with §36 BBKKG and in compliance with EU regulation no. 1338/2001 of 28 June 2001 article 6.

PELICAN 300 SERIES**V5 SENSOR**
TECHNOLOGYoptional online
CONNECTIVITYDeutsche
Bundesbank
Approved**ONE software****SMARTCONCEPT**

With more than 40.000 Pelicans manufactured and sold world-wide this product is the market leader within its field.

For fast, reliable, accurate and cost effective mixed coin counting and sorting of larger amount of coins the Pelican series is the obvious choice. The V5 sensor or SMARTsensor secures precise coin identification, the simple yet fast rail technology provides fast sorting and the comprehensive ONE software packages offers easy operation.

The Pelican can be delivered with an internal or external printer, likewise the Pelican's ability to single bag, tube or multi bag coins is well renowned.

THE VARIANTS

Pelican 301	Mix coin counting of up to 1100 cpm* (depending on the coin set).
Pelican 305	Mix coin counting and sorting of up to 5 different denominations.
Pelican 309	Mix coin counting and sorting of up to 9 different denominations.
Options	Internal/external printer, multi bagging, active sorting, tubing, special colour, double drawers, communication module.



Pelican 301



Pelican 305



The SMARTsensor or V5 sensor ensures precise coin identification.



Pelican 309

TABLE TOP COIN COUNTERS AND SORTERS

ZEBRA 300 SERIES



Based on proven technologies such as the SMARTsensor or V5 sensor, rail technology and the powerful ONE software, the Zebra series has improved mixed coin counting and sorting efficiency and operation.

An optimal and reliable operation process is ensured by a unique inspection tray and bulk feeding system. Like the Pelican series, the Zebra offers the same large range of options, such as a printer, bag, tubing or multi bagging facilities. In combination with a stand, the Zebra series offers a coin counting and sorting unit for large volumes of coins at centrals and CIT locations.



Zebra 301



Zebra 305

THE VARIANTS

Zebra 301	Mix coin counting of up to 1100 cpm* (depending on the coin set and mix).
Zebra 305	Mix coin counting and sorting of up to 5 different denominations.
Zebra 309	Mix coin counting and sorting of up to 9 different denominations.

Options Internal/external printer, multi bagging, active sorting, tubing, double drawers, communication module.



Zebra 309

COINDEPO 400 SERIES



The coin deposit machine CoinDepo 400 series with SMARTsensor or V5 sensor and the outstanding ONE software have been specifically designed for the retail and banking environment.

Although claiming a small foot-print, this coin deposit machine permits large volumes of coins to be deposited by the customers of supermarkets, convenience stores and/or banks. No coin deposit machine in the market equals the CoinDepo 400 series, neither in functionality, quality or price.

CTcoin quality standards and features offer a unique possibility of great earnings and an unbeatable ROI* when operated in the retail and banking sector. Optionally, the CTcoin communication module can be added for real time reporting of events and transactions.

THE VARIANTS

CoinDepo 401	Mix coin counting and depositing: Mixed coins in bag/container.
CoinDepo 424	Mix coin counting and depositing: mixed coins in up to 4 consecutive bags.
CoinDepo 405	Mix coin counting and sorting of up to 5 different denominations.
Options	2 doors, multi bagging, vault/strong box, operator coinbox with additional fee acceptance button, communication module and much more.



CoinDepo 400 series with build in vault/strong box.



Easy-to-access coin module for easy maintenance. The coin module can be clicked off and on in a matter of seconds resulting in reduced service times and lower costs.

SELF SERVICE COIN DEPOSIT MACHINES

PENGUIN 700 SERIES



The attractive and clean Scandinavian design makes the 700 series a design icon, which fits into most modern decors.

The 7" touch screen makes the operation of the machine intuitive. It is incredibly silent and the combination of the SMARTsensor or V5 approved sensor, powerfull ONE software, advanced GUI* and CTcoin technology, the Penguin series operates accurately and reliably. Connectivity to banking/operating systems is provided by the CTcoin communication module. The range of options is extensive and comprehensive.

THE VARIANTS

Penguin 701	Mix coin counting and depositing: mixed coins in bag/container.
Penguin 709	Mix coin counting and sorting of up to 9 different denominations.
Penguin 728	Mix coin counting and depositing: mixed coins in up to 8 consecutive bags.
R-versions	The Penguin 700 series can be delivered with a rear load/thru-the-wall option.
Options	Door for separating coin section from operation section, multi bagging, vault/strong box, operator coinbox with self closing lid, active sorting, rear loading, PIN on touch screen, communication module and much more.



The Penguin 700 series provides easy access to coin module for maintenance and the emptying of coin bags and box. This high capacity machine holds up to 9 bags with up to 25 kg of coins per bag.



For "thru-the-wall" applications, CTcoin offers the machines with access to coin bags and coin module from the back. These machines are equipped with 2 touch screens, one that the user uses in the front and the other for the operator behind the wall at the rear of the machine.



The touch screen intuitive program and color coding makes it easy for operators to empty and manage the daily/weekly/monthly yields.

COINBANK 800 SERIES



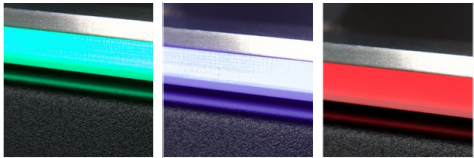
With its attractive, unique and exceptional timeless design, the CoinBank 800 series have set new standards in the industry. It is more versatile and noiseless than any other machine on the market.

It has aesthetic and functional features that no other machine has, but above all it is designed using the SMARTsensor or V5 approved sensor and CTcoin quality mark. Automatic coin feeding, 7" touch screen, patented hopper cleaning system, advanced GUI*, attracting solid or pulsating LED light, advanced reports are just a few of the many features in this series.

Connectivity to banking/operating systems is provided by the CTcoin communication module. The range of options is extensive and comprehensive and includes patent pending and optional "Article 6" compliance.

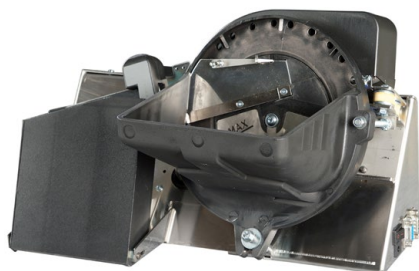
THE VARIANTS

CoinBank 801	Mix coin counting and depositing: mixed coins in bag/container.
CoinBank 809	Mix coin counting and sorting of up to 9 different denominations.
CoinBank 828	Mix coin counting and depositing: mixed coins in up to 8 consecutive bags.
R-versions	The CoinBank 800 series can be delivered with a rear load/thru-the-wall option.
Options	Door for separating coin section from operation section, multi bagging, vault/strong box, operator coinbox with self closing lid, active sorting, rear loading, PIN on touch screen, communication module, "Article 6" compliance and much more.



The programmable LED light beam communicates status of the self-service coin counter by means of various colours, which can even be customized to match the brand identity of the bank when in stand-by.

COMPAC, DELTA AND OEM SERIES



Delta | Basic 01/22 with/without cleaning mechanism, overflow and SDK/CCtalk protocols.



Delta | Basic 05 with/without cleaning mechanism, overflow and SDK/CCtalk protocols.



Delta | Basic 09 with/without cleaning mechanism, overflow and SDK/CCtalk protocols.



SD 05



Compac 01-05-08 with/without cleaning mechanism, overflow, SDK/CCtalk protocols and escrow.

COMPAC & DELTA – BASIC SERIES

More and more OEM companies discover the advantages using the approved SMARTconcept or V5 CTcoin sensor-, rail- and ONE software technology in their applications.

The fundamental advantages are: No wearing parts, continued high reliability, ease of service, low cost units that operate in silence and the ability to handle most of the coin sets in the world.

Suiting most needs, CTcoin has a large selection of variants – including the patented cleaning hopper system. Being flexible and understanding, CTcoin also adapts and develops for any special requirements that may arise.

THE VARIANTS

UNIT TYPE	OPTIONAL CLEANING SYSTEM	KEYPAD + SENSOR	SORTING	OUTPUTS
Delta 01	Yes	Yes	No	1
Delta 22	Yes	Yes	No	2
Delta 05	Yes	Yes	Yes	5
Delta 09	Yes	Yes	Yes	9
Basic 01	Yes	No	No	1
Basic 22	Yes	No	Yes	6
Basic 05	Yes	No	Yes	9
Basic 09	Yes	No	No	6
Compac 01	Yes	No	No	5
Compac 22	Yes	No	No	2
Compac 05	Yes	No	Yes	5
Compac 08	Yes	No	Yes	8



SMARTCONCEPT

Powered by CTcoin™

Faster than ever. Easier than ever. More accurate and reliable than ever. Say hello to SMARTconcept – A brand new dimension to coin counting technology.

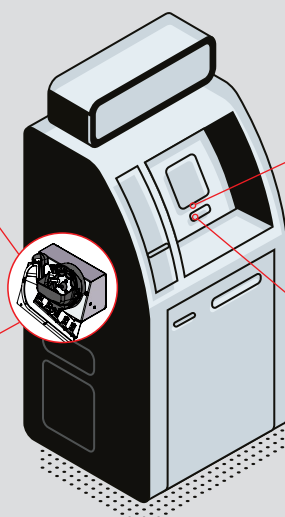
SMART SENSOR

The worlds first digital coin sensor.



SMART CONTROLLER

The worlds most versatile coin controller system.



SMART ONE

The next generation ONE System Pack for all CTcoin applications.



SMART TOOL

PC and USB tools for easy and dynamic administration.



COMMUNICATION MODULE



The CTcoin communication module transmits transaction- and event data, such as error messages, status reports and value/no. of coins in all CTcoin machines.



Via the Linux computers LAN/USB/WiFi (GSM) ports the XML data is made available either in an http or FTP format and can thereafter be used by any operators i.e. banks or CIT company's internal and existing IT system.

STAND



The open metal stand is the ideal and low cost stand for the Pelican/Zebra 309 series. It secures easy of operation and is ideal in coin centrals and at CIT locations. It comes with a coin divider, bottomless drawers and snap bag attachment for simple click-on/click off of bags. Bags of various material and sizes can be used.



ACTIVE SORTING / TRACK SENSOR SYSTEM™



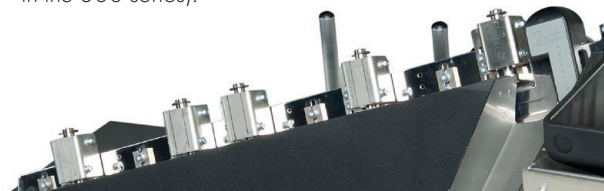
CTcoin proudly presents the new and unique Track Sensor System™, which enables active sorting of coins with the same diameter. The Track Sensor System™, can be added to all CTcoin products, whether in the Pelican or Zebra series or in all CTcoin CDS machines and OEM Technologies, such as the Penguin 700 series or the CoinBank 800 series.



MULTI BAGGING



CTcoin has developed a multi bagging feature which can be mounted in all CTcoin products and OEM technology. The multi bagging system allows for the bagging of the same coin value into 2 or more bags/drawers (max. 5 multi bags in CDS and 4 multi bags in the 300 series).



OVER FLOW OPTION



In many OEM applications there is a need for an over flow function in order not to over fill hoppers. Further it is often required that non-valid coins are counted yet retained in the machine. The CTcoin over flow feature is available in both CTcoin products and in OEM technologies.

ARTICLE 6 COMPLIANCE



Deutsche Bundesbank
Approved

As a part of EU regulation no 1338/2001 article 6 counterfeit coins have to be retained by banks. CTcoin offers an approved and patent pending system which retains counterfeit coins in the coin deposit machines (700 and 800-series).



OPERATOR COINBOX WITH SELF CLOSING LID



With 36 liter of coin capacity, this coin box is ideal as a large capacity coin container in a self-service deposit machine. The coin box comes with guides, mounting brackets and a magnet for holding it into place in the machine. A self-closing lid can be offered. The self-closing lid of the lockable coin box closes automatically when removed from the machine.

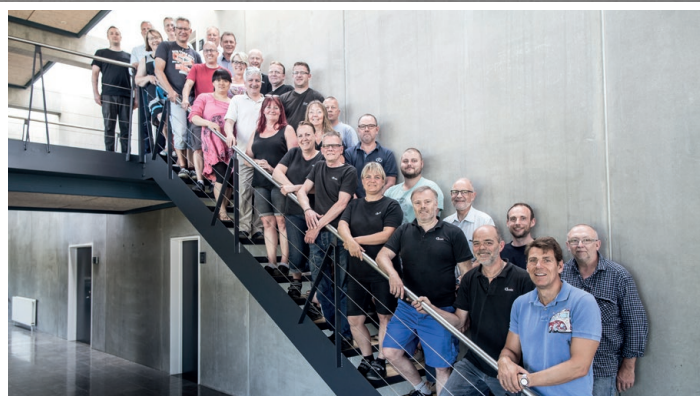


COIN TUBING AND BAGGING



The bagging and tubing sets from CTcoin makes it easy to bag and tube coins either in paper or plastic tubes. The bag holder is with ring attachment for easy bag on/off mounting. The design is durable and meant for substantial usage.





CTcoin™

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