



SCAN COIN ICP Active-9

Coin sorter



Automated coin handling
is one thing.

Intelligent Coin Processing is a whole new story.

As an executive in the Cash Centre business you know all about monitoring performance, profitability and customer satisfaction. And about trying to squeeze as much as you can from the investments your company makes.

At SCAN COIN we engineer solutions that enable you to achieve the objectives you care most about. From increased throughput and service level, to full control of cost per coin and Total Cost of Ownership.

Your Business Evolution Partner

SCAN COIN has a long history as a leading innovator in the industry. We develop hardware and software systems that make your Cash Centre operations not only more efficient, but also more intelligent, with the ability to adapt to your evolving needs. That's because our aim is not only to help you improve existing operations, but also to bring you tools and information for developing your business. Which is exactly why we developed ICP Active-9.



Keeping the lead

To compete in today's Cash Centre market you've got to be faster and more reliable than the competition. And preferably at a lower cost to your customers.

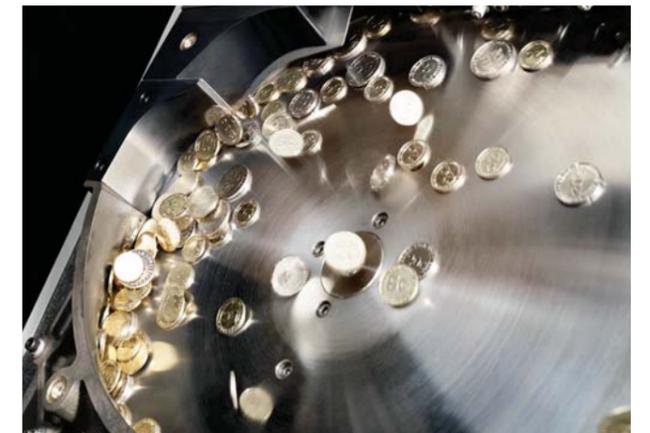
For years our SC Active 4000 set the standard for what to expect from high quality coin processing equipment. But times and demands change, and so, too, must the technology you rely on. It's time to pass the baton on to a new generation of equipment – one that not only keeps you in the race, but in the lead.

More intelligent than ever

Advanced sensor technology has always been a key factor behind the global popularity and success of our coin sorting equipment. ICP Active-9 continues the tradition, incorporating newly developed sensor technology that makes it the most accurate and versatile solution available for counting, sorting and verifying coins.

In addition, ICP Active-9 is the only machine on the market to offer 9 active outlets. Combined with our unique, software-controlled Active Sorting® technol-

ogy and the ability to re-program sensors, this provides the intelligence necessary to instantly adapt to future regulatory needs without having to invest in new hardware.



The vacuum coin disc exemplifies how innovative ideas put us both in the lead.

Full control of cost per coin

Whether you're investing in new assets or counting someone else's, it all boils down to one key figure – total cost per coin.

The numbers tell you how much it costs to process every coin that passes through your Cash Centre. What they don't always tell you is how to lower that cost in order to increase your competitive edge, or even better, your profits. Until now.

One million coins per shift

ICP Active-9 enables you to rationalise your business in several ways. With an unrivalled ability to process more than one million coins of different denominations per shift, this workhorse of a machine can replace several coin sorters. By doing so you free up staff as well as valuable floor space, both of which lower your total cost per coin and at the same time increase your potential for taking on even more business.

No after sales surprises

Fewer machines from fewer suppliers also means less that can go wrong, and fewer things that require service or repairs. So, in addition to being able to process enormous volumes, ICP Active-9 can also significantly reduce the downtime, costs and burden on management associated with both preventive and corrective maintenance. Unlike other solutions where after sales surprises add to your total cost per coin, ICP Active-9 brings you only pleasant surprises.

Continuous improvement

Another way that ICP Active-9 makes it possible to increase the efficiency of your coin processing is through the statistical information reported by the software. Historical data for items such as downtime, uptime, rejects etc. are presented and visualised in various ways for analysing and fine-tuning your operations over time.



Processing enormous volumes, avoiding downtime and reducing operational and maintenance costs significantly lowers your cost per coin.

Highest possible throughput year after year

Our competitors like to talk about high speed. But we'd rather talk about high throughput – shift after shift, month after month, year in and year out.

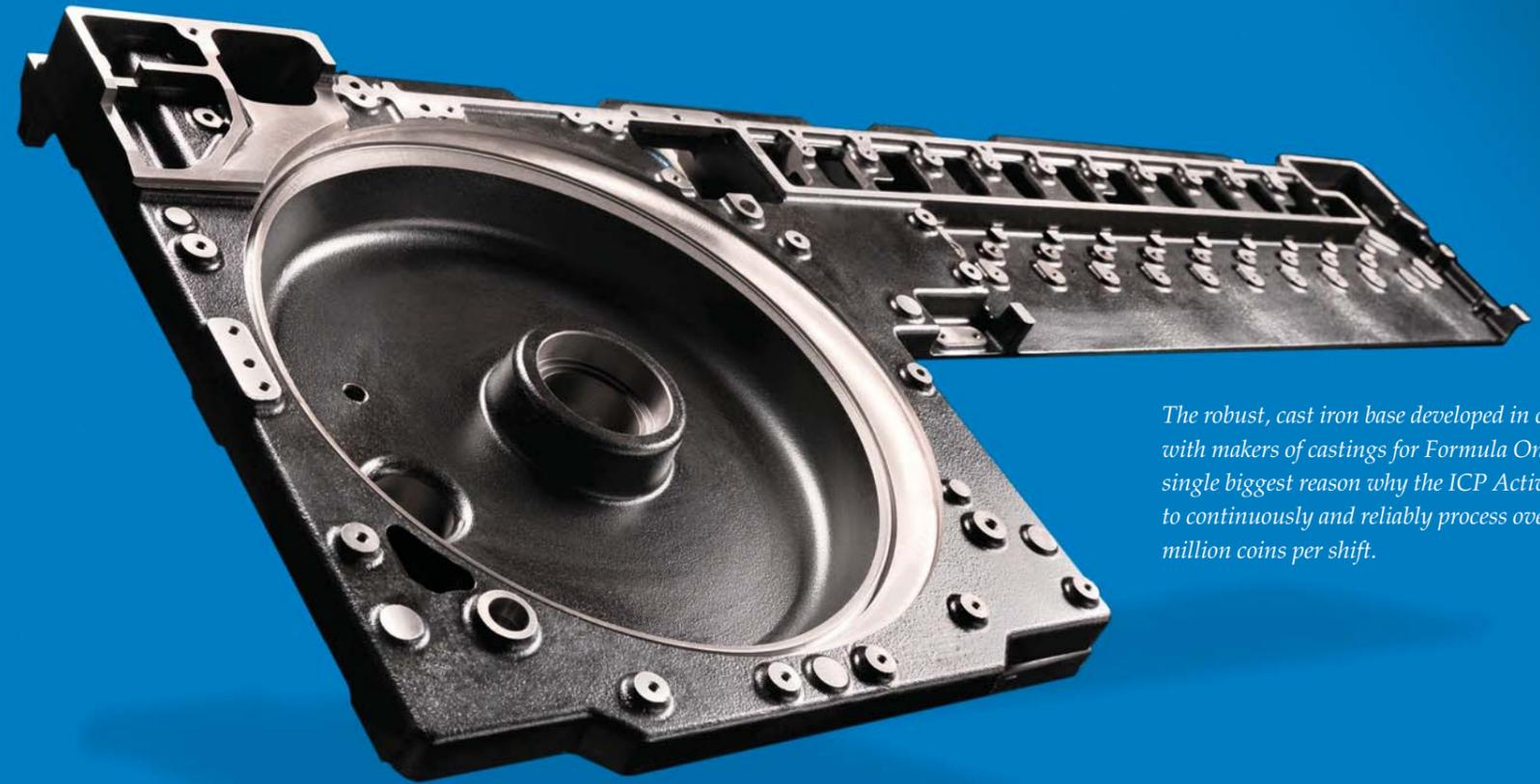
The last thing you want to worry about is how much cash you will be able to process on any given day. What you need is reliable performance, not hiccups. That's why we engineered ICP Active-9 to be the best at delivering what any coin sorter should promise – consistency and accuracy.

The world's toughest coin sorter

From the time ICP Active-9 was little more than just sketches on a drawing board, "Reliability" has been the battle cry behind its development. After years of research, development, engineering, testing and real-world trials, we are delighted at the result: a robust design durable enough to withstand the harsh punishment of one million coins per shift, year after year.

Nowhere is this reliability more evident than in the cast iron base developed in collaboration with Grainger & Worrall, makers of castings for Formula One.

Thanks to this single innovation, we were able to eliminate nearly four hundred parts, so there is far less that can go wrong.



The robust, cast iron base developed in collaboration with makers of castings for Formula One is the single biggest reason why the ICP Active-9 is able to continuously and reliably process over one million coins per shift.

Engineered for accuracy

When just one coin in the wrong bag can cost hundreds, or even thousands, to reconcile, it's nice to know you won't have to.

Accuracy is about getting it right, i.e. getting the right coins in the right bags and in the right amounts. It's also about being able to remove unfit legal coins or counterfeit coins from circulation.

Flawless performance to meet tougher demands

With sharper legislation being imposed concerning the detection, rejection and reporting of counterfeits and unfit legal coins, no other machine on the market makes your responsibility easier to handle than ICP Active-9. Why?

There are two main reasons for why ICP Active-9 is more accurate than other coin sorters. The first is our latest market-leading sensor technology, able to detect counterfeits that other machines cannot. The second is its robust design, which prevents the kind of wear and tear that can cause other machines to send coins into the wrong outlets.



Our focus on advanced sensor technology is one reason why our products are often used as reference machines.

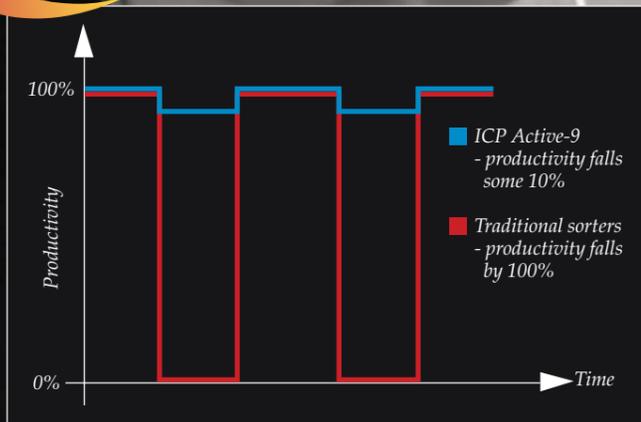
New technology in the ICP Active-9 makes it the most accurate and versatile solution for counting, sorting and verifying coins by checking parameters such as:

Diameter

Thickness

Surface and bulk conductivity

Magnetic properties



Unparalleled flexibility and adaptability

In a market where the ability to adapt is becoming increasingly valuable, one wonders why some things remain so inflexible.

If you've ever had to respond to seasonal fluctuations, urgent requests for a large sum in a particular denomination, or even the introduction of a new denomination, then you know how frustrating it is to have your hands tied by rigid machines that can't increase the volume or type of the coins you need. With the ICP Active-9 you can process up to 32 denominations per currency set-up and adapt for an unlimited number of different currencies to be processed.

Multiply volume and add denominations as needed

With ICP Active-9 an operator can assign as many outlets as he wants to the same denomination whereas other machines have only one outlet per denomination. Also, thanks to our Active Sorting® technology, ICP Active-9 never has to stop because of a full bag or box, so downtime can be completely eliminated in urgent situations. In addition, the ninth active outlet also means you can process new or foreign denominations or withdraw old coins as needed, far more easily and cost-efficiently than with any other machine on the market.

Simple integration for your IT staff

No one wants to jump higher than they have to. That's why we've eliminated all of the hurdles that can get in the way of a smooth integration process.

When designing ICP Active-9 we made sure to incorporate 'intelligence' in every facet of the solution, including installation and integration at your Cash Centre facility.

Minimal IT costs

Thanks to its intelligent interface, ICP Active-9 is compatible with whatever cash management system you may currently be using. That means limited or low integration costs and no unexpected surprises, which your IT staff is sure to appreciate.

Easy upgrade from SC Active 4000

For customers upgrading from older SC Active 4000 machinery, we gave ICP Active-9 the exact same footprint. That way you don't need to move anything around in order to accommodate the new machine, or modify existing anchor points.

Satisfying your customers

The key to customer satisfaction is being able to deliver what you promise, which is why you need equipment that will do the same. So if you want to avoid penalties or having to purchase new coins when your machinery can't deliver the necessary throughput, you need a smarter solution.

ICP Active-9 delivers world-class dependability, efficiency, accuracy and flexibility – so that you can deliver world-class satisfaction.

Easier and healthier for operators

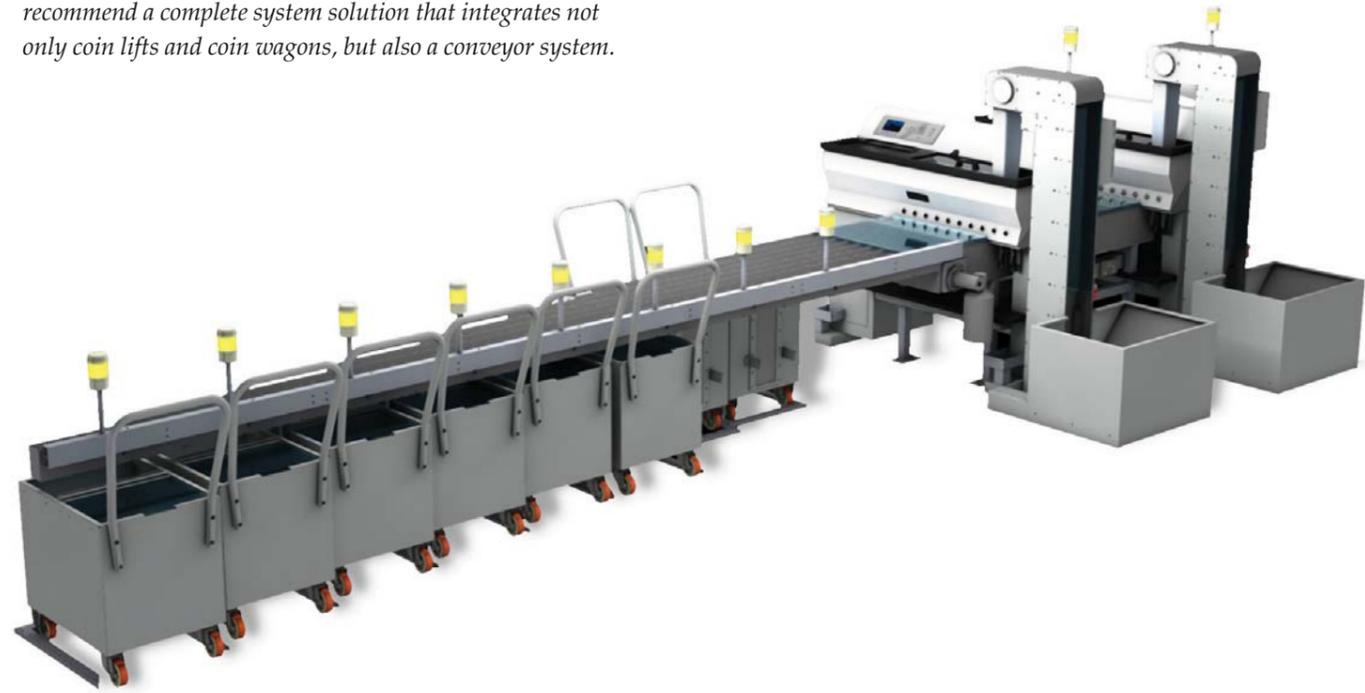
Short learning curve

By refining the simple user interface introduced with our SC Active 4000, we've made operating the ICP Active-9 even easier. So even if your operators have never run our equipment before, they won't need to spend much time learning. Also, because the machine has few moving parts and is designed to prevent accidental damage, your operators won't have to worry about spending precious time on repairs in connection with unplanned stops.

Improved ergonomics

More operator benefits include the significant ergonomic improvements that ICP Active-9 brings to the working environment. Even with its high throughput, the machine is significantly less noisy than other coin sorters. And thanks to our unique vacuum-powered coin feeding disc, metal dust is collected in a filtered chamber rather than released into the air.

To get the very most out of your new ICP Active-9, we recommend a complete system solution that integrates not only coin lifts and coin wagons, but also a conveyor system.



Maximise gains with integrated solutions

By integrating our SCAN COIN solutions together with your ICP Active-9, you can accomplish substantially more.

There is no question that an investment in ICP Active-9 will elevate your operations to a higher level than today. But if you want to reach the full potential of what your Cash Centre is capable of, consider a system solution.

Large benefits from even small investments

SCAN COIN offers a complete range of add-on products designed to improve the efficiency and profitability of your coin processing, while at the same time offering back-saving ergonomics. Coin lifts and coin wagons are the most common of these, and even an investment in just one or the other provides fast ROI.

For smoothest, most productive flow

To get the very most out of your new ICP Active-9 we recommend a complete system solution that integrates not only coin lifts and coin wagons, but also a conveyor system. Our SC 93770 Conveyor System is

perfect for lines consisting of a single ICP Active-9. For Cash Centres with multiple coin sorters, we also offer our Multi Lane Conveyor System SC 95800. This space-saving solution can serve up to four ICP Active-9 machines working in unison, all monitored and controlled by intelligent SCAN COIN software.

These solutions automatically deposit the correct coin amounts into the right coin wagons with minimal involvement from operators. As a result, they increase productivity and efficiency dramatically.

Complete cash management solutions

SCAN COIN's cash management solutions are based on a full range of hardware, technical services and software. The more you integrate hardware and software systems, the more control you gain over your cash management process.

Our Cash Centre System, SCAN COIN CCS, is designed to cover every part of the cash handling process in a Cash Centre.



Technical Data

Counting:

Max. speed up to 3,820 coins / minute
 (depending on coin diameter and mix)
 Coin diameter range (standard) 14.0-34.0 mm (0.60-1.30")
 Coin thickness range (standard)..... 0.9-4.0 mm (0.04-0.16")

Dimensions:

Width 1,132.0 mm (44.6")
 Height 1,130.0 mm (44.5")
 Depth: 650.0 mm (25.6")
 Weight 280.0 kg (617.3 lbs)
 Sound level (operation) 80 dB (A)

230 V Ratings

Supply Voltage 220-240 V +/- 10%
 Frequency 50 Hz +/- 3 Hz
 Max Rated Current 14 A
 Machine 9 A
 Auxilliaries (PC, Lift etc.) 5 A
 Output Fuse 1 1/4" 5 A, 250 V Quick Blow Ceramic

110 V Ratings

Supply Voltage 120 V +/- 10%
 Frequency 60 Hz +/- 3 Hz
 Max Rated Current 18 A
 Machine 13 A
 Auxilliaries (PC, Lift etc.) 5 A
 Output Fuse 1 1/4" 5 A, 250 V Quick Blow Ceramic

Note that as the machine is fitted with a circuit breaker there are no input fuses.

“Our goal was to build a machine so reliable that no one, from operators to our service organisation or partners, would have to react to hiccups in the day-to-day operations – a machine that would prevent hiccups altogether.”

*Simon Scott Brown
Chief Mechanical Engineer
SCAN COIN Technology Ltd UK*



ICP Active-9 Standard



ICP Active-9 Flex

Founded in 1966, SCAN COIN is one of today's leading suppliers of cash processing equipment, system solutions and services. Our worldwide customer base is served through a network of SCAN COIN companies and distribution partners covering some 120 countries. SCAN COIN develops, manufactures and markets equipment and integrated solutions for handling banknotes and coins, and has become a world leader in the automatic cash processing market.



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Service is available worldwide through a network of SCAN COIN factory-trained service specialists.
SCAN COIN reserves the right to change the design and/or specifications without prior notice.