



# Simplify Your Sourcing

The Only Call for All Your Needs

# Global Reach, Local Availability, Quality Products.

SUZOHAPP serves amusement operators with a vast variety of aftermarket parts and solutions. As a parts expert, we help keep your revenue stream uninterrupted by providing high quality components for increased machine performance, upgrades, and easy-to-install 1:1 replacements. SUZOHAPP has maintained a long legacy of quality

products and high-level customer service. We take pride in our global network of vendors, suppliers, and partners. Together, we can source, distribute, and offer thousands of products in order to better serve our increasingly global customer-base. Make SUZOHAPP your first call and it will be the only call you'll need to make.



COMPETITIVE  
PRICES



FAST  
DELIVERY



CUSTOMIZED  
PRODUCTS


We commit to not just selling items to you, we commit to a relationship. We are more than just a ready supply of aftermarket parts and quick customization capabilities; we are a focused, knowledgeable partner in the gaming, amusement and sport betting industries eager to help your business succeed.


## About US


SUZOHAPP is a world leader in the manufacturing and distribution of gaming, amusement, and sports betting products. Serving operators and OEMs for over 60 years, SUZOHAPP carries a vast portfolio of components available for immediate distribution and for developing custom built solutions. More information, along with a comprehensive online components catalogue, is available at [www.suzohapp.com](http://www.suzohapp.com).



# Index


-  **Monitors** ..... pp 4
  - VisionPro™ LCDs
  - VisionPro™ LED-Framed Monitors
  - Elo Open-Frame Touch Monitors


-  **Toppers & Accessories** ..... pp 7
  - SH1950 Video Topper
  - RGB Ellipse Topper
  - RGB Polygon Topper
  - RGB Tower Light Topper
  - Accessories


-  **Pushbuttons** ..... pp 9
  - Chrome-Luminescent Pushbuttons
  - Jumbo White Pushbuttons with Black Trim, RGB LED
  - Spinners
  - Jumbo UFO Pushbuttons
  - STC Pushbuttons
  - Concave Round Pushbuttons
  - RGB Controllable Pushbuttons
  - RGB Illuminated Pushbuttons
  - LED Pushbuttons
  - LCD Button Decks

-  **Locks & Security** ..... pp 12
  - Assa Desmo
  - VENIA
  - STC
  - Xlocks
  - Giussani
  - Germatic


-  **Cabinet Parts** ..... pp 13
  - Coin Cups
  - Joysticks
  - Trackballs
  - Driving Controls
  - Steering Wheel
  - USB Charge 'N Play
  - Speakers
  - Counters & Proximity/Motion Sensor
  - Door Switches
  - Cooling Fans

-  **Coin Validators** ..... pp 19
  - RM5 HD
  - RM5 Evolution


-  **Note Validators** ..... pp 20
  - NV9 Spectal
  - NV10 USB+

-  **Change Machines** ..... pp 21
  - Easy PRO
  - Dual Coin PRO
  - Changeuro Multicoin
  - Tokens

-  **Note and Coin Counters & Sorters** ..... pp 23
  - SC-8220
  - ICX Active-9
  - SC-303
  - SC-350

-  **Stools** ..... pp 25
  - The Carrillo
  - Apollo


-  **Air Hockey** ..... pp 26

-  **Mallets & Balls** ..... pp 27

-  **Redemption** ..... pp 28
  - Ticket Dispensers
  - Tickets

-  **Lighting** ..... pp 29
  - LED Light Strips & Adhesive LED Strip Lightings
  - Wedge Base LEDs 5mm
  - Wedge Base Cluster LEDs 10mm
  - Wedge Base Lamps 5mm
  - Wedge Base Lamps 10mm
  - Fluorescent Lamps
  - T12 Fluorescent Lamps
  - Blacklight Blue Fluorescent Lamps

-  **Cleaning** ..... pp 32

-  **Accessories** ..... pp 33
  - Hand Trucks
  - Coin Doors
  - Cash Bags



# VisionPro™ High Quality LCDs



## Touch and Non-Touch

VisionPro™ is SUZOHAPP's premium line of LCDs using top panel brands and high-quality boards.

**Fast customization** is available for both OEMs and upgrades: 6.2" to 90", specialized panels and integration, customized metal, oversized glass, touchscreens and inputs. Send us your requirements, and we can design/build to match.

- ▶ Standard sizes from 15" to 43", smaller and larger sizes available with fast customization
- ▶ Up to 4K resolution
- ▶ Choice of:
  - 10+ touch Projected Capacitive (PCAP), true-flat, seamless edge-to-edge glass with thru-glass capability
  - 3M Surface Capacitive (SCAP) touch technology
  - Protective Glass
- ▶ Standard and wide viewing angle units available
- ▶ Common footprint for touch and non-touch variations
- ▶ DVI, VGA, HDMI and DisplayPort input options
- ▶ Economically priced
- ▶ Models also available with LEDs surrounding the display with colour







# VisionPro™ High Quality LCDs

## LED-Framed Monitors

- ▶ Rigid high-quality PCB-mounted LEDs, no adhesive strips, no hotspots, no dark corners
- ▶ True-flat, black closed-frame designs
- ▶ 21.5"/ 23.8": 250 cd/m<sup>2</sup>, 1000:1  
27": 300 cd/m<sup>2</sup>, 3000:1  
32": 400 cd/m<sup>2</sup>, 1200:1  
32" (P): 500cd/m<sup>2</sup>, 3000:1  
43": 450 cd/m<sup>2</sup>, 1100:1  
43" 4K UHD: 500 cd/m<sup>2</sup>, 4000:1
- ▶ FHD 1920x1080, WVA 178°x 178° for landscape or portrait usage (43" 4K UHD 3840x2160)
- ▶ 10-touch PCAP for Windows 7 or later, Linux 4.4 or later
- ▶ Dual-line LEDs in Addressable versions
- ▶ VGA + DVI standard, HDMI and DisplayPort available (4K UHD: HDMI/DP only)
- ▶ 12VDC (24VDC for 32", 43"), optional 100-240V AC brick
- ▶ Operating temperature: 0-50°C (32-122° F)
- ▶ FCC, CE, RoHS
- ▶ Drawings and CAD files available on request
- ▶ Customization possible



### Halo Design

For floating monitor outside your cabinet. Surround colour in front, side, rear for a halo effect.



### Edge Design

For front and edge illumination, external use.



### Front Design

For mounting monitor flush inside your cabinet.



## CHOICES

### 1 Size



### 2 Design

- Halo** illumination surrounding the display, external VESA mount
- Edge** and front illumination external VESA mount
- Front** illumination for flush integration within a cabinet

### 3 LEDs

- RGB solid colour, 12V without IC
- Addressable individually driven, 5V with IC

### 4 Touch or Non-Touch

- 10-touch PCAP (Projected Capacitive technology) behind 3mm tempered glass
- Non-touch 3mm tempered painted glass



# Elo Touch Solutions

## Distributed globally by SUZOHAPP

World-Class Quality, Global Approvals and Support

Elo is the world leader in commercial touch with over 20 million installations, half a million units per year, nearly 2,000 units per day. And SUZOHAPP is the world's largest distributor of this premium open frame product line.

Engineered and designed specifically for the demanding requirements of the gaming industry, the 90-Series open-frame displays feature integrated touch technology rather than glued-on additions. Select from a wide range of sizes from 10" to 27" to fit in any gaming environment. Elo products extend the range to 70".

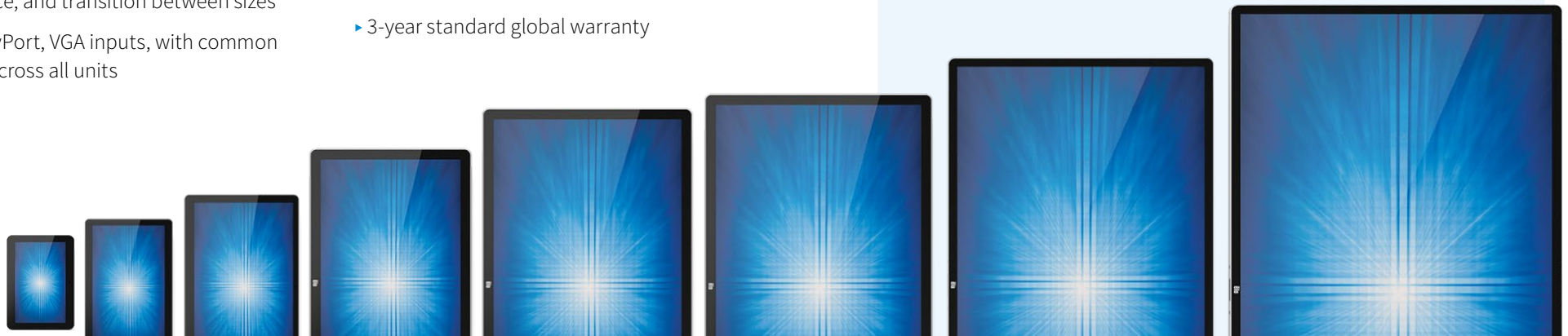
- ▶ Next generation Projected Capacitive (PCAP) 2GS technology (2 glass solution)
- ▶ Highest optical quality and longevity as no plastic films, no metal mesh
- ▶ 10-touch true-flat solution
- ▶ Thru-glass mode which operates through up to 6 mm customer-supplied glass
- ▶ Common mechanical and electrical components across the line for easy design-in, compliance testing, service, and transition between sizes
- ▶ HDMI, DisplayPort, VGA inputs, with common port design across all units
- ▶ Built-in watertight edge seal
- ▶ Magnetic tethered OSD control box
- ▶ Unique field-replaceable touchscreen glass design
- ▶ Global agency approvals: United States UL, FCC; Europe CE TÜV; Australia RCM; Canada cUL, IC; China CCC; Japan VCCI; Korea KCC; Mexico CoC; Taiwan BSMI; International CB; RoHS
- ▶ Passes UL and IK07 Ball Drop tests
- ▶ 50,000 hour demonstrated MTBF
- ▶ 3-year standard global warranty

# elo



10" to 27" Desktop Touchmonitors, All-in-Ones and Interactive Digital Signage from 10" to 70"

SUZOHAPP also distributes the complete line of Elo Touch Solution products — seen in cashier cages, sports betting outlets, and on the gaming floors in top casinos around the world. Monitors and All-in-Ones for front/back office, interactive digital signage, bingo, lottery, sports betting, player tracking, loyalty systems and pos.





## SH1950 Video Topper

PART N.

103-020081101 2 Lamp Tower Light, Chrome Bezel, surrounding LEDs with controller, VGA loom

103-020001101 2 Lamp Tower Light, Chrome Bezel, surrounding LEDs with Controller, VGA Loom

- ▶ 19.5" High viewing angle panel with LED back light
- ▶ Classic mini tower light chrome 2 lamps or 3 lamps or no mini tower light optional
- ▶ RGB LED illumination, covered by an acrylic front plate
- ▶ Optional without LCD to be used as a light box
- ▶ RGB optional with or without controller
- ▶ VGA or DVI connection
- ▶ Black or chrome bezel
- ▶ Black feet included



## RGB Ellipse Topper

PART N.

104-05890 Ellipse Topper

104-06890 Mini Ellipse Topper

- ▶ Whole unit operates on a safe 12VDC
- ▶ Different attract modes in a program such as twinkling, full on, rotating left to right and right to left, filling rotation, etc.
- ▶ Standard supplied with 32 bright white LEDs (7 different light brightness selections on the topper control board)
- ▶ Standard supplied with bright chrome bezel
- ▶ Mounting location and through holes for tower lights in the top of the body
- ▶ Flat, angled or radius base options for different cabinet configurations, easy mounting with two threaded studs
- ▶ Metal mounting bracket available for mounting on existing tower light fitting holes, to be used in conjunction with mounting bracket



## RGB Polygon Topper

PART N. 104-31000

- ▶ Completely backlit thanks to bright white LEDs
- ▶ Includes tower light with colour foils
- ▶ On board PCB allows stand-alone operation or synchronization of up to eight topper boxes
- ▶ Seven pre-programmed flashing patterns
- ▶ Different attract modes including full on, rotating left to right and right to left, flashing and more
- ▶ Optional mounting base available
- ▶ Artwork panel not included
- ▶ Opaque bezel contains 48 bright Nichia multi-colour LEDs
- ▶ Body is constructed of black UL-94 VO flame resistant plastic
- ▶ Topper base sold separately





# RGB Tower Light Topper

PART N. 104-08000

- ▶ Designed to be mounted on top of any standard classic tower light with the included special top mounting bracket
- ▶ Great for advertising special machine features such as Multi-Denomination, Ticket-In Ticket-Out, Hot New Game, Server Based Gaming, etc.
- ▶ Translucent bezel with 20 ultra bright Nichia multi-colour RGB LED's provide light output for a elegant multi-coloured lightshow
- ▶ Several optional base/cap adapters make it easy to use on other styles of tower lights
- ▶ Mounting base for WMS tower lights is available (optional)
- ▶ Pre-Programmed with 8 unique flashing patterns and 7 different colour combinations
- ▶ Backlit by 9 white high power Nichia LED's
- ▶ Operates on 12VDC power
- ▶ Optional harness H11-2801-00 makes it easy to install on existing games by simply tapping into 12VDC and ground
- ▶ Artwork panel and tower light are not included

## Accessories



Ballast



Mounting Base - Flat



Synchronizer



Compact Fluorescent Lamp



Power Supplies



RGB LED Light Strips



Mounting Base 15° Slant angle



LED Light Strip Controller





## Chrome-Luminescent Pushbuttons

PART N.  
26-13XX-XX

RBM-K730-001 *Nut (sold separately)*

- ▶ Polished chrome-plated button bezel with translucent colour washer moulded in bezel to provide edge luminescent effect
- ▶ Locking nut has special design to allow it to fit over "Snap-Tab" feature with microswitch installed
- ▶ Ease & flexibility of mounting to metal control panels using either the "Snap-Tab" or traditional locking nut
- ▶ Switch pre-assembled on button for reduced assembly time into control panel
- ▶ Subminiature microswitch provides additional clearance room under control panel
- ▶ Grounded for ESD protection
- ▶ Polycarbonate lens for optical clarity and durability
- ▶ Switch snaps on bezel of button eliminating the need to have separate lamp holder
- ▶ Available in several colour combinations of button & luminescent effect
- ▶ Additional customization also available

Design Your  
Casino Chrome-Luminescent Pushbutton  
with the Matrix below:

**RBM-730S- S C L**

Size      Colour      Luminescent Colour, Bazel

### S = Size

A = Large Square  
B = Small Square  
C = Large Rectangle  
D = Small Rectangle  
E = Large Round  
F = Small Round

### C = Lens Colour

2 = Red  
3 = Amber (Orange)  
4 = Yellow  
5 = Green  
6 = Blue  
9 = White

### L = Luminescent Effect

2 = Red  
3 = Amber (Orange)  
4 = Yellow  
5 = Green  
6 = Blue  
9 = White

Nut Sold Separately, Part number RBM-K730-001



## Jumbo White Pushbuttons with Black Trim. RGB LED

PART N. 75-4002-XX

- ▶ Achieves magnificent lighting effects
- ▶ 13 different display modes to control. Enhance user interaction for your machine
- ▶ Top quality with a competitive price
- ▶ Simple installation takes your machine assembly to the next level
- ▶ Available in different colours

## Spinners

PART N. 58-0020-00

- ▶ Whole metal structure, High durability
- ▶ Moisture-proof plastic cover design
- ▶ Built-in automatic RGB LED lighting effect
- ▶ Made with highest quality raw materials
- ▶ Suitable to be used for various machines



## Jumbo UFO Pushbuttons

PART N.

75-0029-00 115mm

75-0031-00 Large, 83mm

75-0032-00 Medium, 59mm

- ▶ Multi-colour type pushbutton
- ▶ Only 12VDC power input
- ▶ 6 multi-colour for 12 LEDs on board with running control



## STC Pushbuttons

PART N. 26-06X0-X

- ▶ STC Pushbuttons with Subminiature Microswitch
- ▶ Designed to resist spills and sticking, for high reliability and long life, tested for 10 million+ cycles
- ▶ Standard supplied with spacer bezel for mounting on top or in the panel (low-profile)
- ▶ Full 0.5mm thickness on lamp terminals holds lamp or LED connectors securely
- ▶ For use with 5mm wedge base lamps or LEDs (not included)
- ▶ Standard fitted with Cherry DB5 style microswitch with 2.8mm terminals for easy connection
- ▶ Available in 6 different colours: Red, Orange, Yellow, Green, Blue, White



## RGB Controllable Pushbuttons

- ▶ Built-in RGB LED PCB – it can be controlled by LED driver with constant current output
- ▶ Built-in microswitch
- ▶ Made with highest quality raw materials
- ▶ Suitable to be used for various machines
- ▶ Over 10 million times reliability test for microswitch with gilded contact legs
- ▶ Connection options: 6pin connector, 110" terminal

## Concave Round Pushbuttons

PART N.

58-9100-L

Red with switch

58-09100-L

Red without switch

- ▶ Special anti-scratch material – with stunning flashing vehicle baking finish appearance
- ▶ Built-in microswitch
- ▶ Top quality with a competitive price
- ▶ Suitable to be used for various machines



## RGB Illuminated Pushbuttons

PART N. 26-2180-9

- ▶ 13 different display modes
- ▶ Top quality with a competitive price
- ▶ Magnificent lighting effects
- ▶ Simple installation
- ▶ Available in different colours





## LED Pushbuttons

- ▶ Two colour design – Unique and very attractive appearance
- ▶ Built-in lighting LED design with 110 terminals
- ▶ Built-in microswitch
- ▶ Suitable to be used for various machines
- ▶ Over 10 million times reliability test for microswitch with gilded contact legs

## LCD Button Decks

PART N. 130-XXXXXXX



- ▶ LCD is integrated into the button and moves with lens cap
- ▶ LCD Light Ring provided by single LED
- ▶ Option to customize LCD decal surround (black standard)
- ▶ Full Colour
- ▶ USB interface, controller board controls up to 16 buttons. It can control 1 button or all of the buttons
- ▶ Communications: Serial Peripheral Interface Bus
- ▶ Light Ring comes in a range of colours
- ▶ 24 frames per second animation
- ▶ 128 x 128 pixels
- ▶ RoHS compliant

- ▶ Economical alternative to OLED buttons
- ▶ Individual buttons allow your choice of placement
- ▶ If replacement required, you don't have to replace complete button deck, just the button
- ▶ No more printed legends
- ▶ Display text or video to enhance game play or multifunction selection





## ASSA<sup>®</sup> Desmo Casino Locks

### D1118KD

Lock 28.5" 1-1/8"  
keyed-different

### D1078KD

Lock 22.3" 7/8"  
keyed-different

### D2058KD

Lock AD390  
keyed-different



## Xlock Keyed-Different Locks

### X1118KD

Lock 28.6mm 1-1/8"  
keyed-different

### X1078KD

Lock 22.3mm 7/8"  
keyed-different

### X1058KD

Lock 16mm 5/8"  
keyed-different



## VENIA<sup>®</sup> Security Locks

### V1118KD

Lock 28.6mm 1-1/8"  
keyed-different

### V1078KD

Lock 22.3mm 7/8"  
keyed-different

### V1058KD

Lock 16mm 5/8"  
keyed-different



## E-PRL Electronic Reprogrammable Lock

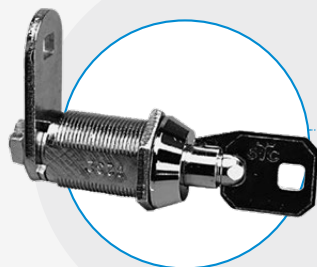
### EPRL05A10-001

Lock E-PRL reprogrammable

### EPRL02A11-001

Lock E-PRL 23mm

Available with Bluetooth



## STC Round Key Locks

### S1118KD

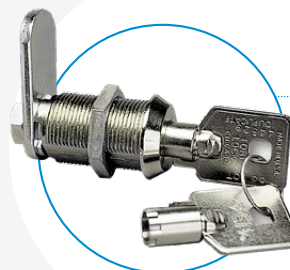
Lock 28.6mm 1-1/8"  
keyed-different

### S1078KD

Lock 22.3mm 7/8"  
keyed-different

### S1058KD

Lock 16mm 5/8"  
keyed-different



## GEMATIC Locks

### F1058

Lock 16mm – 5/8"  
keyed-alike

### F1078

Lock 22.3mm – 7/8"  
keyed-alike

### F1118

Lock 28.6mm – 1-1/8"  
keyed-alike

Also available as Standard Switchlock, 36.4mm – 1-7/16"





CUSTOMIZE  
YOUR CUPS!

Minimum order  
quantity with  
customized artwork:  
25,000 pcs

## Coin Cups

PART N.

39-0540 Cupholder for 500cc cups x 500

39-0541 Cupholder for 300cc cups

39-0528 Good Luck Coin Cup x 500

39-0529 300cc Coin Cup x 1,000

- ▶ Made of strong, durable and resistant plastic
- ▶ Stack easily
- ▶ Available in 2 sizes: 300cc (100xh60mm) and 500cc (115xh70mm)

## Joysticks

PART N.

22-XXX 29-XXX

50-XXX 70-XXX

950-XXX

- ▶ Supplied with microswitches with 4.8mm and 6.3mm
- ▶ Realistic spring action
- ▶ Ergonomic handle for comfortable grip
- ▶ Available with 4 or 8 ways



## Trackballs

PART N.

55-XXX

56-XXX

- ▶ Exceptional performance
- ▶ Custom colours available
- ▶ No external power supply needed
- ▶ Ease of use

## Driving Controls

PART N. 22-2197-X

- ▶ Sturdy 2 position shifter
- ▶ Microswitch operation
- ▶ Standard mounting



## Steering Wheel

PART N. 22-2105-1 270 Degrees Potentiometer Control

- ▶ Ball bearing construction
- ▶ Potentiometer control
- ▶ Standard mounting
- ▶ 270 Degrees



## USB Charge 'N Play

PART N.

39-0045 *Optional Installation Kit*

39-0046 *Optional Installation Kit without Charge 'N Play housing*

H1061B *Dual Charger Core w/o Lighting or Accessories*



Charge 'N Play is the innovative dual USB charger – easy to install and simple to use, and a magnet for customers. Charges up to 2 devices. Charge 'N Play can be installed in cabinets or integrated in the wall.

- ▶ Draw customers to machines and keep them playing longer while their mobile phones and other USB devices charge
- ▶ Designed to mount easily to wood or plastic cabinet
- ▶ Compatible with popular mobile devices. Any USB device can be charged or powered with Charge 'N Play
- ▶ Perfect for bars, casino floors, restaurants, airports, and lounges
- ▶ "Charge 'N Play" logo is backlit with a white LED for increased visibility (custom logos available)
- ▶ Maximum Output Current 2.1A DC (total)

Also available as kit, with cable, wobbler and power supply

### Built-up Kit



### Built-in Kit



Available with Charge'N Play

## Lumia RGB Infill Panel

- ▶ Pleximilchglas with RGB LED lighting and remote control
- ▶ High quality soldering iron stand
- ▶ Front panel can be easily removed (3 screws)
- ▶ Different colours adjustable, as well as various flash modes and a colour change programs
- ▶ Very discreet, non-glare lighting
- ▶ Dimensions: 95cm x 35cm x 47cm



## Protec Alarm System

- ▶ 12/24VDC operation
- ▶ Backup battery included
- ▶ Uses accelerometer - no external Tilt Switch necessary
- ▶ Automatic arming (if required)
- ▶ External LED indicator
- ▶ Spares available upon request







AudioPRO  
Full Range Speaker

PART N. 22-0171

50x90mm • 8 Ohm • 2W



AudioPRO  
3.3" Full Range Speaker

8 Ohm • 10W



AudioPRO  
Oval Speaker

PART N. 22-0964

50.3x90.3mm • 8 Ohm • 4W



AudioPRO  
2" Full Range Speaker

8 Ohm • 5W



AudioPRO  
Oval Speaker

41x71mm • 4 Ohm • 2W



### Non-Reset 6 Digits Panel Mount Counter

PART N.

27-0045 12VDC

27-0046 6VDC

- ▶ Has 6 digits, counting up to 999.9999
- ▶ Black plastic housing
- ▶ Numbers 3.5mm high, white numerals on black field

### Non-Reset 7 Digits Base Mount Counter

PART N. 27-0115 12VDC

- ▶ Has 7 digits, counting up to 999.9999
- ▶ Black plastic housing
- ▶ Numbers 3.5mm high, white numerals on black field
- ▶ Flying leads connection



### Non-Reset 7 Digits Panel Mount Counter

PART N. 22-0145 12VDC

- ▶ Has 7 digits, counting up to 999.9999
- ▶ Black plastic housing
- ▶ Numbers 3.5mm high, white numerals on black field
- ▶ Flying leads connection



### SEC Starpoint Electronic Counter

PART N. 27-0800

- ▶ Replaces up to 31 mechanical meters with individual counters stored in EEPROM
- ▶ 7 Digit Liquid Chrystal Display for displaying contents of counters
- ▶ Text messages and counter selection controlled by host machine
- ▶ Clock Serial interface designed to work on existing meter ports
- ▶ Tamperproof counters with unique fingerprint code
- ▶ Secure software protocol



### Proximity/Motion Sensor

PART N. 2051400000184A

- ▶ Detects changes in position within a zone up to 5 meters
- ▶ Easy to use – sensor simply changes its output from 0 to 1





# Door Switches

## Single-Pole



### Single-Pole 6.3mm

PART N. 27-0045

- ▶ Single pole / Double throw
- ▶ Electrical rating: 10A 125/250VAC
- ▶ 6.3x0.8mm (0.250"x0.032") terminals
- ▶ VDE approved / UL recognised
- ▶ Push/Pull (cheat) function

### Single-Pole 4.8mm

PART N. 22-0745-4

- ▶ Single pole / Double throw
- ▶ Electrical rating: 10A 125/250VAC
- ▶ 4.8x0.8mm (0.187"x0.032") terminals
- ▶ VDE approved / UL recognised
- ▶ Push/Pull (cheat) function



## Double-Pole



### Double-Pole 6.3mm - Push/Pull function

PART N. 22-0746

- ▶ Double pole / Double throw
- ▶ Electrical rating: 10A 125/250VAC
- ▶ 6.3x0.8mm (0.250"x0.032")
- ▶ VDE approved / UL recognised
- ▶ Push/Pull (cheat) function

### Double-Pole 4.8mm - Push/Pull function

PART N. 22-0746-1

- ▶ Double pole / Double throw
- ▶ Electrical rating: 10A 125/250VAC
- ▶ 4.8x0.8mm (0.187"x0.032") terminals
- ▶ VDE approved / UL recognised
- ▶ Push/Pull (cheat) function



### Double-Pole 6.3mm - Push function

PART N. 22-0746-3

- ▶ Double pole / Double throw
- ▶ Electrical rating: 10A 125/250VAC
- ▶ 6.3x0.8mm (0.250"x0.032") terminals
- ▶ VDE approved / UL recognised
- ▶ Push (momentary) function



## DC Cooling Fans

PART N.

- 22-2204-4 92x92x25mm, 2800 RPM
- 22-2204-24 80x80x25mm, 3000 RPM
- 22-2204-20 60x60x25mm, 4500 RPM
- 22-2204-11 50x50x15mm, 5800 RPM

- ▶ Compact cooling fans
- ▶ Wire connection
- ▶ 12VDC
- ▶ Different size available

## AC Cooling Fans

PART N.

- 22-2204 120x120x38mm, Terminal Connection, 3000 RPM
- 22-2204-2 92x92x25mm, Terminal Connection, 2500 RPM
- 22-2204-7 80x80x38mm, Wire Connection, 2500 RPM

- ▶ Protects electronics from over heating
- ▶ Terminal or wire connection
- ▶ Speed up to 3000 RPM
- ▶ Easy mounting with 4 bolts



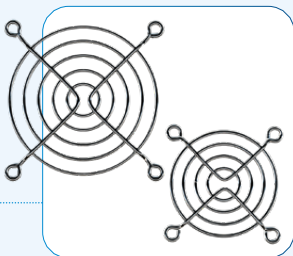
### Accessories

## Finger Guards for Cooling Fans

PART N.

- |                    |                    |                       |
|--------------------|--------------------|-----------------------|
| 22-2208-30 30x30mm | 22-2208-60 60x60mm | 22-2208-90 90x90mm    |
| 22-2208-50 50x50mm | 22-2208-80 80x80mm | 22-2208-120 120x120mm |

- ▶ Easy mounting with 4 bolts
- ▶ Different sizes available, up to 120x120mm





## RM5 HD

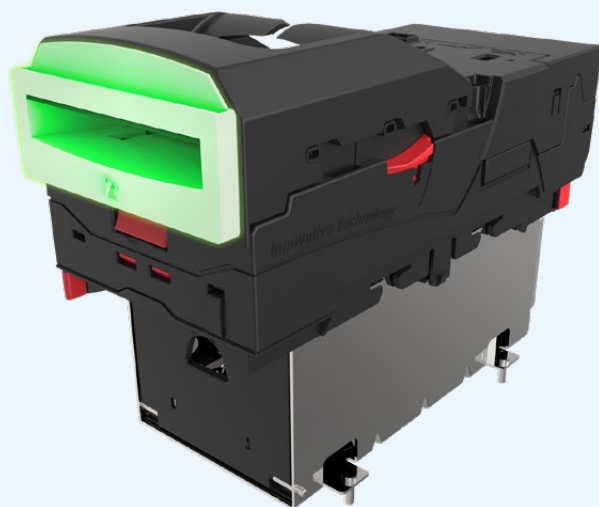
- ▶ High-discrimination system based on 10 different parameters
- ▶ 5-sensor identification technology
- ▶ High acceptance speed: up to 6 coins per second
- ▶ Advanced electronic and mechanical anti-fraud system
- ▶ Indicator LED
- ▶ Accessories include front plates, sorters, and funnels
- ▶ Compatible with all solutions available in the market



## RM5 Evolution

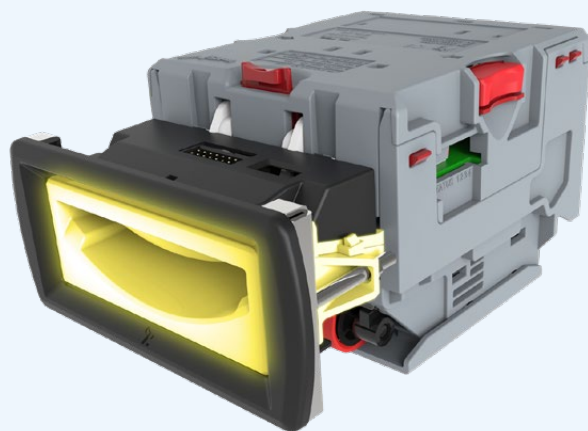
- ▶ 3 pairs of inductive sensors used to process 6 different parameters
- ▶ 3 pairs of optical sensors to determine coin's diameter
- ▶ A mechanical and an electronic anti-fishing device
- ▶ Automatic optical sensor compensation system
- ▶ Identification channels: up to 59 and 6 in Self-Prog mode
- ▶ Open collector outputs
- ▶ Accessories include front plates, sorters, and funnels
- ▶ Compatible with all solutions available in the market

Over **2 million**  
of Comestero  
coin mechanisms  
installed!



## NV9 Spectral

- ▶ Unrivalled genuine note detection & protection against fraudulent notes
- ▶ Outstanding fraud protection
- ▶ Stained note detection
- ▶ Full note high resolution imaging – 1.28 million data points
- ▶ Faster note to note processing
- ▶ Optical and mechanical anti-strimming technology
- ▶ Easy maintenance, free firmware updates
- ▶ Modular design – recycler or ticket printer available
- ▶ Various cashbox and bezel options



## NV10 USB+

- ▶ One build standard for global applications
- ▶ Lowest cost of ownership
- ▶ Enhanced sensing technology
- ▶ Proven field reliability
- ▶ Compact stackerless design
- ▶ Over 100 different world currencies accepted
- ▶ Simple integration
- ▶ Future proof – quick & easy updates via USB, PC, or handheld programmer





## Easy PRO

- ▶ Distribution of coins or tokens, bonus function for tokens
- ▶ Exporting of accounting data and importing of configuration parameters via SD-Card
- ▶ Machine cloning function
- ▶ Connection of peripherals via ccTalk
- ▶ Coins/tokens dispensed automatically or manually
- ▶ Internal on/off controls to prevent tampering
- ▶ Installations: wall mounted, countertop, free standing
- ▶ Coin capacity: 2,400 (1€) coins



## Dual Coin PRO

- ▶ Distribution of coins and tokens, bonus function for tokens
- ▶ Exporting of accounting data and importing of configuration parameters via SD-Card
- ▶ Machine cloning function
- ▶ MultiConfig software for configuration
- ▶ Coins/tokens dispensed automatically or manually
- ▶ Separate dispensing of coins and tokens can be selected using the appropriate button
- ▶ Installation: wall mounted, countertop, free standing
- ▶ Coin capacity: 7,000 (1€) coins



## Changeuro Multicoin

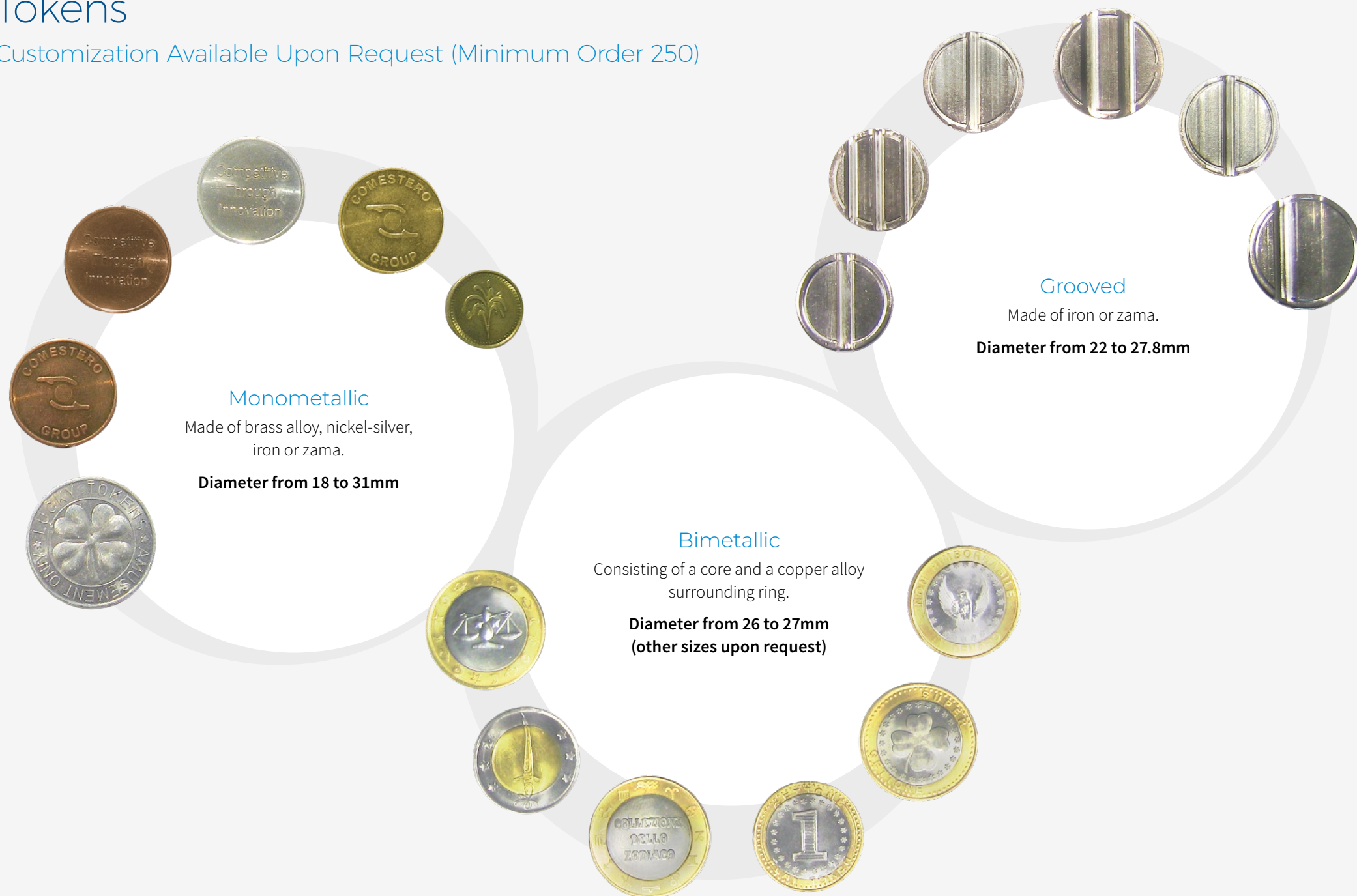
- ▶ Automatic or manual coin/token dispensing
- ▶ Internal on/off controls to prevent tampering
- ▶ Automatic or manual coin/token payout modes
- ▶ Sheet metal with tubular security lock
- ▶ Programmer for on-field programming configuration and optional diagnostics
- ▶ Personalized artwork available
- ▶ Installation: wall mounted, countertop, free-standing
- ▶ Coin capacity: up to 11,000 (1€) coins





# Tokens

Customization Available Upon Request (Minimum Order 250)





# SC-8220

## Multi Currency Counter & Sorter

PART N.  
158-SC8220-000



Free count mode for notes  
and tickets



Single denomination counting  
and sorting



Detect counterfeits



Easy flex between different  
currencies



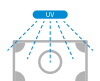
Emission counting



Value counting



Multi currency mode



No need for banknote verifiers



Easy to update



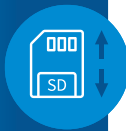
Serial number reading



▶ Easy Roller  
Cleaning



▶ Easy  
Updating



▶ Easy Note  
Verification



# ICX Active-9

## Mid-range Active Coin Sorter

PART N.  
5004809-GB0 *GBP Currency*    5004809-EU0 *EUR Currency*

- ▶ Superior coin identification
- ▶ Active Sorting® technology
- ▶ Intelligent coin processing
- ▶ Flexible batch-stops
- ▶ Data loss prevention
- ▶ Vast data connectivity
- ▶ Advanced jam-prevention technology
- ▶ Non-stop processing
- ▶ Future-oriented
- ▶ Service friendly
- ▶ Custom variables and input fields



▶ 9 Coin Outlets  
plus 1 for  
Rejection

▶ 10" Touchscreen  
User Interface

▶ 3 USB for  
Accessories  
or Peripherals



## SC-303 Long-lasting Coin Counter

PART N.  
012461-004

- ▶ Speed up to 2,700 coins/min.
- ▶ Universal counting, bagging and tubing
- ▶ Electronic sensing technology to assures high accuracy in identifying foreign, damaged or counterfeit coins
- ▶ Automatic reverse function to remove jammed coins
- ▶ Automatic stop and out sort function for small coins
- ▶ Pre-selectable bag stops
- ▶ Easy to read LED display



- ▶ Handled for Easy Transportation



## SC-350 Heavy Duty Coin Counter

PART N.  
019350-004

- ▶ Speed up to 3,000 coins/min.
- ▶ A non-volatile memory to storage of data on counted coins
- ▶ Electronic sensing technology to assure high accuracy and low noise
- ▶ Automatic reverse function to remove jammed coins
- ▶ Automatic stop and out sort function for small coins
- ▶ Accessories and 7 pre-programmable quantity stops (plus 1 continuous) to make it highly effective filling machine
- ▶ Serial interface to monitor and control from a PC



- ▶ Easy to Read LED Display







## The Carrillo

PART N.

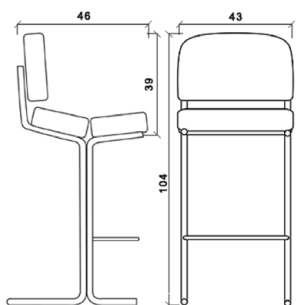
39-0084-1 *The Carrillo*

39-0084-1A *Bebe Carrillo*

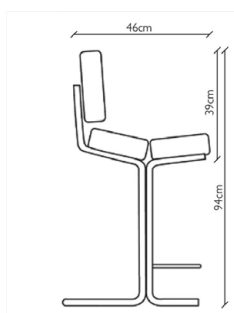
- ▶ Eco leather fire-retardant (certificate 300,000 cycles wear resistance)
- ▶ Padded ergonomic polyurethane foam to varying hardness
- ▶ Structure in reinforced steel with welding anti-break
- ▶ Finished chromium (three chromium)
- ▶ Available in height 73cm for high cabinet or 55cm ideal for slant top
- ▶ Exceeded the following tests and certifications: durability test seat and back - drop test - footrest fatigue resistance to fatigue armrest - stability test
- ▶ Personalized artwork available



AVAILABLE IN TWO SIZES



**The Carrillo**  
39-0084-1



**Bebe Carrillo**  
39-0084-1A

## Apollo

PART N.

39-AD185-BK *Black/Chrome*

- ▶ 360° rotation
- ▶ Adjustable seat height
- ▶ Free running backrest
- ▶ The six flat double wheels cannot be seen due to the cover and can support a load of 300Kg  
Ideal for carpets and hard flooring
- ▶ With its Teflon gliders, the chair slides smoothly over the floor without damaging it. Even when heavily loaded. No scratches, no streaks or other mark
- ▶ Spare parts are fast delivered and are quick and easy to replace





## Air Hockey Hammer

PART N.

30-0041-6 *Blue*

30-0042-7 *Pink*

30-0041-9 *White "Pro"*

- ▶ Universal Hammer for all air hockey games
- ▶ Superior quality and made of durable material
- ▶ High profile handle to prevent injuries

## Air Hockey Puck Twister

PART N.

30-0070-3301 *Orange, 70mm* 30-0070-4401 *Yellow, 70mm*

30-0070-6601 *Blue, 70mm* 30-0070-9901 *White, 70mm*

30-0080-3301 *Orange, 80mm* 30-0080-6601 *Blue, 80mm*

30-0080-4401 *Yellow, 80mm* 30-0080-9901 *White, 80mm*



- ▶ Two different diameters available: 70mm and 80mm
- ▶ 4 neon colours available: Orange, White, Yellow, Blue
- ▶ Colours light up when black light tube is used
- ▶ Customer logo possible by order of minimum 1,000 pcs in one colour (one time tooling cost applicable)

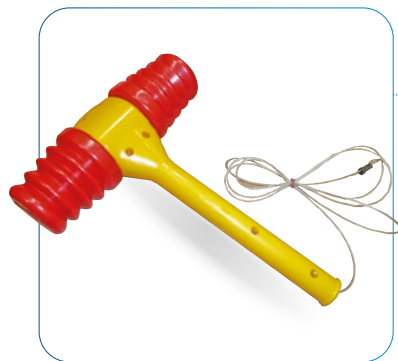


## Felt Disc

PART N.

30-0030

- ▶ Replacement felt disc for Air Hockey Hammer "Pro"



Touch Screen Mallet

PART N. 22-1947



29" Pump Action Shotgun  
for Bick Buck Hunter Pro

PART N.

96-0476-13 Green

96-0476-17 Longer cable 125cm

Small Foam Mallet

PART N.

22-1949 Red & Yellow

22-1948 Blue & Yellow

22-1946-1 Longer cable 125cm



Universal Mallet

PART N. 51-5000-00



Basketballs

PART N.

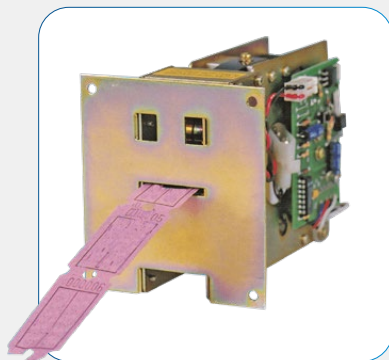
49-0471-00 7" Orange Basketball

49-0825-00 9" Orange Basketball

49-1264-00 7" Tri-colour Basketball

49-3020-00 5.5" Multi-colour Mini Basketball





## ENTD-2000 Ticket Dispenser

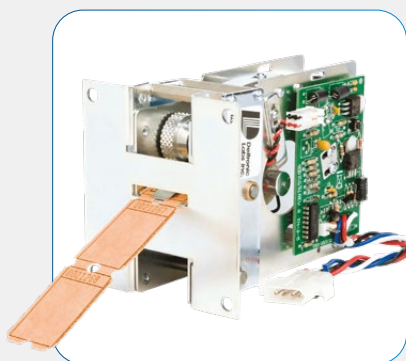
PART N.

42-1337-00 *Continuous*

42-1337-10 *Pulse*

A070-1010-00 *PCB for Entropy Dispenser*

- ▶ Virtually eliminate ticket jams
- ▶ Requires very little maintenance
- ▶ One of the most reliable and compatible ticket dispensers on the market
- ▶ Available as Continuous or Pulse type



## Deltronic Ticket Dispenser

PART N.

42-0544-00 *Continuous*

42-1547-00 *Pulse*

DL-1275 *PCB for DL-1275*

- ▶ “Snap out” one ticket dispenser – replace it with another in seconds
- ▶ No tools necessary
- ▶ Foolproof braking system is easily adjustable
- ▶ Validation “Diamond” mark identifies tickets
- ▶ Available as Continuous or Pulse type



## Redemption Tickets

Tickets can be personalized to your requirements!

- ▶ Standard size: 30x51mm
- ▶ Available in 5 colours: Red, Orange, Yellow, Green and Blue
- ▶ Available as box of 60,000 only

PART N.

45-0410-2 *Red*

45-0410-3 *Orange*

45-0410-4 *Yellow*

45-0410-5 *Green*

45-0410-6 *Blue*





## Adhesive LED Strips

- ▶ Easily installs in or around your machines
- ▶ Great for amusement parks and games, arcades, family entertainment centers, theaters, backlighting, decorative lighting, etc.
- ▶ Ideal way to increase earnings on your cranes and pushers
- ▶ Very thin continuous length flexible LED light strips
- ▶ 5m rolls can be separated every 3 LEDs and reconnected again
- ▶ 300 super bright high-quality SMD LEDs per reel with 120 degree wide angle illumination
- ▶ 3M adhesive tape on back for easy installation
- ▶ Operates on +12VDC power supply (150-0049 or 150-0062)
- ▶ Solid state, high shock or vibration resistant
- ▶ LEDs controlled by controller and wireless remote (sold separately)
- ▶ Each controller can run 65.62 feet (20 meters) of LED strips
- ▶ Long life: 50,000 hours
- ▶ Less power consumption than traditional lights
- ▶ No RF interference
- ▶ Sold in reels of 5m
- ▶ +12VDC; 20W



### 8 Key RGB Remote & Controller (sold separately)

Wireless RF RGB Controller  
+ 8-Key Remote Control 12VDC 12A  
for 5050 RGB LED Strip



## LED Light Strips

PART N.

104-02000 *Lightstrip 470mm 20 LEDs*

104-02001 *Lightstrip 238mm 10 LEDs*

- ▶ Light strips with opaque bezel contains bright multi-colour LEDs and when mounted to your cabinet they provide a dazzling light show
- ▶ Can be used by themselves
- ▶ When used with RGB Xenon Topper it runs from the topper box into the light strips and back
- ▶ Wire harness sold separately



## Wedge Base LEDs 5mm

PART N.

161-205052 5mm 5V Red	161-212055 5mm 12V Green
161-205054 5mm 5V Yellow	161-212059 5mm 12V White
161-205055 5mm 5V Green	161-224052 5mm 24V Red
161-205056 5mm 5V Blue	161-224054 5mm 24V Yellow
161-205059 5mm 5V White	161-224055 5mm 24V Green
161-212052 5mm 12V Red	161-224056 5mm 24V Blue
161-212054 5mm 12V Yellow	161-224059 5mm 24V White

- ▶ LEDs of 5mm – T 1-1/2
- ▶ Available in 5 – 12 and 24V
- ▶ Wide viewing angle
- ▶ Available in 5 colours: Red, Yellow, Green, Blue and White
- ▶ White LEDs colour sorted per box

## Wedge Base Cluster LEDs 10mm

PART N.

161-205103-2 5V 10mm Red	161-212103-6 12V 10mm Blue
161-205103-4 5V 10mm Yellow	161-212103-9 12V 10mm White
161-205103-5 5V 10mm Green	161-224103-2 24V 10mm Red
161-205103-6 5V 10mm Blue	161-224103-4 24V 10mm Yellow
161-205103-9 5V 10mm White	161-224103-5 24V 10mm Green
161-212103-2 12V 10mm Red	161-224103-6 24V 10mm Blue
161-212103-4 12V 10mm Yellow	161-224103-9 24V 10mm White
161-212103-5 12V 10mm Green	



- ▶ Cluster of 3 LEDs in 10mm housing
- ▶ Available in 5 – 12 and 24V
- ▶ Wide viewing angle
- ▶ Available in 5 colours: Red, Yellow, Green, Blue and White
- ▶ White LEDs colour sorted per box



## Wedge Base Lamps 5mm

- ▶ 5mm – T-1-1/2
- ▶ Available in Red, Yellow, Green and Blue

PART N.	VOLT	AMP	LIFE	PACKING
LAM-2305	6	0.16	2500	100
LAM-2306	6	0.03	3000	100
LAM-286	12	0.10	1000	100
LAM-2321	12	0.08	5000	100
LAM-1179	12	0.11	15.000	100
LAM-2391	14	0.22	500	25
LAM-2341	24	0.03	5000	100

## Wedge Base Lamps 10mm

- ▶ 10mm – T-3-1/4
- ▶ Available in Red, Yellow, Green and Blue

PART N.	VOLT	AMP	LIFE	PACKING
LAM-2501	6	0.33	7000	100
LAM-159	6.3	0.15	10000	100
LAM-259	6.3	0.25	10000	100
LAM-1112	12	0.10	5000	100
LAM-2521	12	0.18	3000	100
LAM-512	12	0.22	1000	100
LAM-161	14	0.19	4000	100
LAM-2541	24	0.08	5000	100
LAM-656	28	0.06	5000	100





## Fluorescent Lamps

- ▶ 70% of all artificial light in the world is generated by fluorescent lamps.
- ▶ A fluorescent lamp consumes only about one fifth of the electricity used by an ordinary light bulb.
- ▶ OSRAM, PHILIPS and SYLVANIA are the three largest manufacturers of lighting components in the world.
- ▶ Colour cool white
- ▶ Average life time of the fluorescent tubes is 12000 hours

PART N.	DESCRIPTION	WATT	LENGHT	PACKING
F4T5CW	Lamp T5	4W	6"- 15cm	25
F6T5CW	Lamp T5	6W	9"- 23cm	25
F8T5CW	Lamp T5	8W	12"- 30cm	25
F13T5CW	Lamp T5	13W	21"- 53cm	25
F10T8CW	Lamp T8	10W	13"- 33cm	50
F14T8CW	Lamp T8	14W	15"- 38cm	25
F15T8CW	Lamp T8	15W	18"- 46cm	25
F16T8CW	Lamp T8	16W	29"- 73.5cm	25
F18T8-133ST	Lamp T8	18W	24"- 61cm	24
F18T8K24CW	Lamp T8	18W	24"- 61cm	25
F18T8K26CW	Lamp T8	18W	26"- 66cm	24
F18T8K28CW	Lamp T8	18W	28"- 71cm	24
F18T8K30CW	Lamp T8	18W	30"- 76cm	24
F30T8CW	Lamp T8	30W	36"- 91.5cm	25
F36-133ST	Lamp T8	36W	48"- 120cm	25
F20T12CW	Lamp T12	20W	24"- 61cm	25
F25T12-28CW	Lamp T12	25W	28"- 71cm	30
F25T12-30CW	Lamp T12	25W	30"- 76cm	30
F25T12-33CW	Lamp T12	25W	33"- 84cm	30

Fluorescent tubes are only sold per box!



## T12 Fluorescent Lamps

- ▶ Ultra slim design only 7mm diameter
- ▶ Diameter 7mm/ 0.276 inch
- ▶ Used with special electronic ballasts and fixtures
- ▶ Made by Osram
- ▶ Available in Cool White (CW) and Warm White (WW)
- ▶ Average rated life 10.000 hours

PART N.	WATT	SIZE	SIZE	KELVIN
FM6T2-830	6	218mm	Cool White	3000
FM6T2-840	6	218mm	Warm White	4000
FM8T2-830	8	320mm	Cool White	3000
FM8T2-840	8	320mm	Warm White	4000
FM11T2-830	11	422mm	Cool White	3000
FM11T2-840	11	422mm	Warm White	4000
FM13T2-830	13	523mm	Cool White	3000
FM13T2-840	13	523mm	Warm White	4000

Only Sold per box of 20 pieces!

## Blacklight Blue Fluorescent Lamps

- ▶ Used in various applications, like air hockey, money detectors, etc.

PART N.	DESCRIPTION	WATT	LENGTH
F4T5BLB	Lamp T5	4W	6"- 15cm
F6T5BLB	Lamp T5	6W	9"- 23cm
F8T5BLB	Lamp T5	8W	12"- 30cm
F36T8BLB	Lamp T8	36W	48"- 120cm

Only Sold per box of 20 pieces!



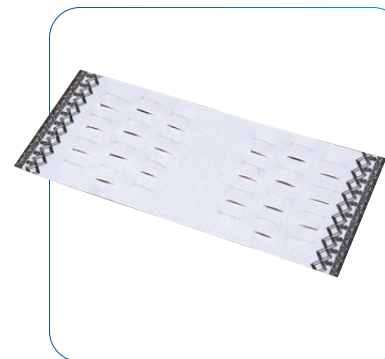


## Aerosols / Ambersil

A dry graphite lubricant for long lasting, smooth lock operation. The microscopic grains of graphite ensure good penetration and effective anti-seize lubrication.

- ▶ Long lasting lubrication
- ▶ Dry film does not attract dirt and grime
- ▶ Excellent water resistance
- ▶ Wide operating temperature range
- ▶ Works even when lock has mild corrosion

Many More Ambersil Products Available



## Note Acceptor Cleaning Cards

PART N.  
29-0329-20

- ▶ Sold in box of 15 pieces

## Card Reading Cleaning Cards

PART N.  
29-0329-10

- ▶ Sold in box of 40 pieces



## Thermal Printer Cleaning Cards

PART N.  
29-0005-00

- ▶ Sold per piece





# Hand Trucks

## GEMINI JR. and SR.

PART N.

21-2200 GEMINI JR.

21-2201 GEMINI SR.

- ▶ Strong, light weight multi-purpose handtruck
- ▶ 2-in-1 truck converts from 2-4 wheels in seconds
- ▶ Large ø 25cm pneumatic tires for smooth and easy handling
- ▶ Load capacity as hand truck: JR. 225kg - SR. 225kg
- ▶ Load capacity as platform truck: JR. 295kg - SR. 360kg

**Note:** All Magliner Handtrucks are shipped partially assembled to reduce damages and freightcosts.

GEMINI JR.  
21-2200



GEMINI SR.  
21-2201



## 132cm Hand Truck with 4<sup>th</sup> Wheel Attachment

PART N.

H33-1257-00

- ▶ Great for slot machines, small equipment, supplies, etc
- ▶ Large type H nose plate - cast magnesium, 36cm wide, 30cm deep, recessed heel
- ▶ Retractable 4<sup>th</sup> Wheel - Retractable 12.5cm caster wheels support load in incline position. Folds flush against frame when not in use
- ▶ Extra high 132cm straight back frame
- ▶ Vertical loop handle
- ▶ 25x9cm pneumatic tires
- ▶ Load capacity 225kg





# Coin Doors



## Mini Door

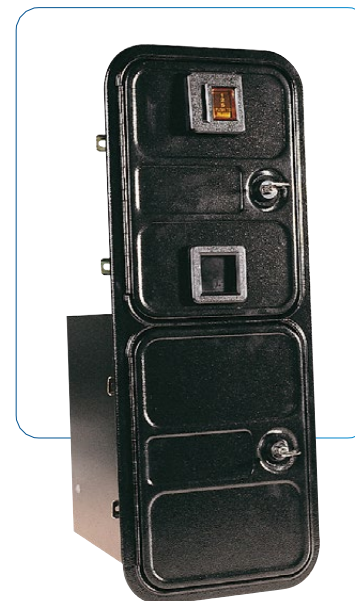
### PART N.

- 65-0100-000 *Blanc Door (no holes)*
- 65-0100-090\* *One Entry Mechanical Acceptors*
- 65-0100-990\* *Two Entries Mechanical Acceptors*
- 65-0100-010 *Cut-Out CC Validator*
- 65-0100-040 *Cut-Out Mars Validator*
- 65-0100-070 *Cut-Out NRI / S.E.C.I Validator*

\* Specify coinage for label and entry button size

- ▶ Sturdy one piece diecast metal frame
- ▶ Heavy duty 16 gauge drawn steel door
- ▶ Standard industry mounting dimensions
- ▶ Including mounting hardware
- ▶ Black finish
- ▶ With coin insert, return cup and snap-in mech holder for small 3-1/2" mechanical coin mechs
- ▶ Fitted with plastic cash box in metal enclosure (optional)

**Without coin mech**



## Double Mini Door

### PART N.

- 65-0200-090\* *One Entry Mechanical*
- 65-0200-909\* *Two Entries Mechanical*
- 65-0200-010 *Cut-Out CC Validator*
- 65-0200-040 *Cut-Out Mars Validator*
- 65-0200-070 *Cut-Out NRI / S.E.C.I. Validator*

\* Specify coinage for label and entry button size

- ▶ Sturdy one piece diecast metal frame
- ▶ Heavy duty 16 gauge drawn steel door
- ▶ Standard industry mounting dimensions
- ▶ Including mounting hardware
- ▶ Black finish
- ▶ With coin insert, return cup and snap-in mech holder for small 3-1/2" mechanical coin mechs
- ▶ Fitted with plastic cash box in metal enclosure (optional)

**Without coin mech**

## Coloured Coin Bags

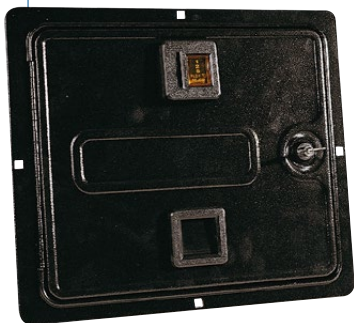
### PART N.

- 185-0800-02 *Red*
- 185-0800-05 *Green*
- 185-0800-09 *White*
- 185-0800-04 *Yellow*
- 185-0800-06 *Blue*

- ▶ 5 different colours for easy identification
- ▶ Size: 35x25mm



# Coin Doors



## Multi Pinball Door

PART N.

65-0600-010 *Cut-Out CC Validator*  
 65-0600-040 *Cut-Out Mars Validator*  
 65-0600-070 *Cut-out NRI / S.E.C.I Validator*  
 65-0600-090 *Pinball Door 1 Entry*

- ▶ Sturdy one piece diecast metal frame
- ▶ Heavy 16 gauge steel door
- ▶ Including mounting hardware
- ▶ Black finish



## Rectangular Mini Door

PART N.

65-0800-090\* *Rectangular Door + Entry*  
 65-0800-XXX *Specify Cut-Out Validator Type*

\* Specify coinage for label and entry button size

- ▶ Sturdy one piece diecast metal frame
- ▶ Mounts all 3-1/2" mechs and validators
- ▶ Exclusive "snap-in" mech holder design
- ▶ Illuminated coin denomination reject button
- ▶ Optional with separator for multi-coin validator, like NRI, CC and Mars

## Multi Standard Door

PART N.

65-0300-090\* *One Entry Mechanical Acceptors*  
 65-0300-909\* *Two Entries Mechanical Acceptors*  
 65-0300-999\* *Three Entries Mechanical Acceptors*  
 65-0300-010 *Cut-Out CC Validator*  
 65-0300-040 *Cut-Out Mars Validator*  
 65-0300-070 *Cut-Out NRI / S.E.C.I Validator*

\* Specify coinage for label and entry button size

Without coin mech



## Front Plate Assembly Direct or Indirect Reject

PART N.

62-0100 *Direct Reject*  
 62-0200 *Indirect Reject*  
 62-0300 *With Separator Direct Reject*  
 62-0400 *With Separator Vertical*

- ▶ Mounts all 3-1/2" mechs and validators
- ▶ Exclusive "snap-in" mech holder design
- ▶ Illuminated coin denomination reject button
- ▶ Optional with coin separator for multi-coin validator
- ▶ Also available for CashFlow with 5 way separator

Rejector not included



© 2021 SUZOHAPP

All rights reserved. Specifications subject to change.

Trademarks owned by their respective holders.

No part of this catalogue may be reproduced in any form by print, photoprint  
or any other means, without written permission from the publisher.

Technical data, text and pictures are subject to error and modifications.

The catalogue can be subject to further developments.





SUZOHAPP Netherlands B.V.  
Rijnzathe 12, 3454 PV De Meern,  
The Netherlands  
Phone: +31 (0)186 643333  
[sales.nl@suzohapp.com](mailto:sales.nl@suzohapp.com)

SUZOHAPP UK Ltd  
Unit D2 Longmead Business Park, Felstead Rd,  
Epsom, Surrey - KT19 9QG, United Kingdom  
Phone: (+44) 208 391 7700  
[sales.ch.uk@suzohapp.com](mailto:sales.ch.uk@suzohapp.com)

[suzohapp.com](https://suzohapp.com)