

### Galaxy Plus - system & concept

ideal system solution to personalize oversized and ISO CR80 cards. Featuring cards in formats e.g. FOB, 2Up and CR80 to be personalised with individual card holder information. Easy to handle and personalise other oversized cards.



### Galaxy Plus - functions & features

operating, CR80, FOB's cut, 2 up cards. Card personalization as mag. Stripe, optical printing in thermal transfer, laser engraving and or inkjet. Other technologies are also available. Optional front and rear side can be personalized in line with the a flip over module.



# oversized card system

## Galaxy Plus - modules

- **full automatic card feeding module**

every card will be separated and feed in a full automatic process into the personalization modules. This will allow a scratch free card transport combined to perform an automatic operation with out assistance during the personalization process.



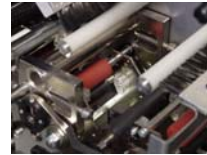
- **magnetic Stripe encoding module**

a high precision 3 track mag. Stripe encoder module will encode the card with all individual card holder information. For error free encoding, an automatic verification function is obligatory at each card operation.



- **printing / personalisation modules**

thermal transfer, Laser engraver or inkjet modules can be equipped on the system. This module will print any requested individual information, in high resolution, professional quality scratch resistant onto the card.



- **automatic card stacker module or conveyor**

after card personalization the card will be sorted and stacked to the output hopper module. Either a tray stacker or conveyor belt module is available.



## cards



this system has been designed to personalize oversized cards e.g. FOB's, 2up layouts and extended length.

It can be as well customized to other card format, like 3up's or special key fob's.



## Physical Characteristics

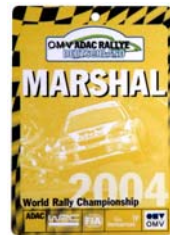
Standard Frame	760 x 500 x 550 mm
Extended Frame	1100 x 500 x 550 mm
Open Frame unit	according integrated modules and type of system
Options	Floor model and Workstation model



## Printing and Speed Characteristics

Printing Resolution	TTF	300 DPI
	Laser Engraver	NDYAG
	INKJET	70, 55, 42ym nozzle (DOD on request)

Printing area	TTF	1012 x 628 pixel
	Laser Engraver	120mm x 120mm
	INKJET	10mm x 86mm per head



Speed performance	printing processing
	<ul style="list-style-type: none"> <li>▪ TTF up to 1000 cph</li> <li>▪ Laser up to 1600 cph</li> <li>▪ INKJET up to 1800 cph</li> </ul>
	Mag. encoding processing
	<ul style="list-style-type: none"> <li>▪ 3 track up to 850 cph</li> </ul>

Stacker capacity	Single:	250 cards
	Extended hopper:	500 cards



## Data Interface

Communication	LAN link
	RS 232 (serial interface)
	File management (security level selection)
	Direct console input (security level selection)

## Printing Media

Card Size	2up, FOB, Quattro size (3up and fob size on request)
Non standard Card Size	54 mm x 136,5 mm up to request and specification
Card Thickness	0,4 mm up to 1,2 mm and request to specification
Material	PVC, ABS, PET, PETG, PC, Bio-material, many more.



## Power Supplies and Operating Conditions

Power Supply Mechanic	via the internal Galaxy Power supply
Power Supply Hardware	via the internal Galaxy Power supply
Main Power Supplies	110 / 240 V AC 60 / 50 Hz 500 - 1800 W
Operating conditions	+10 to +35°C
	Relative humidity max. 80% non condensing

# Galaxy Plus - Oversized-Card Personalisation System

## Facts Features & Highlights



- Designed to personalize oversized and std CR80 cards
- High end printing resolution for high contrast and durability
- Edge dot printing technology
- High speed printing performance up to 1700 cph
- Consumable optimisation technology build inside each module
- High precision, reliable, robust mechanic construction for industrial use
- In Line and full integration module concept solution
- Featuring optical electronic card personalization technologies
- Nearly maintenance free and reliable operation due to long life components
- Dot 2 Dot and Line 2 Line Performance optimisation
- Easy cascading and multi module combination due to compact module size
- Wide range on state of the art system modules for any card application
- Outstanding MTBF and UP Time

