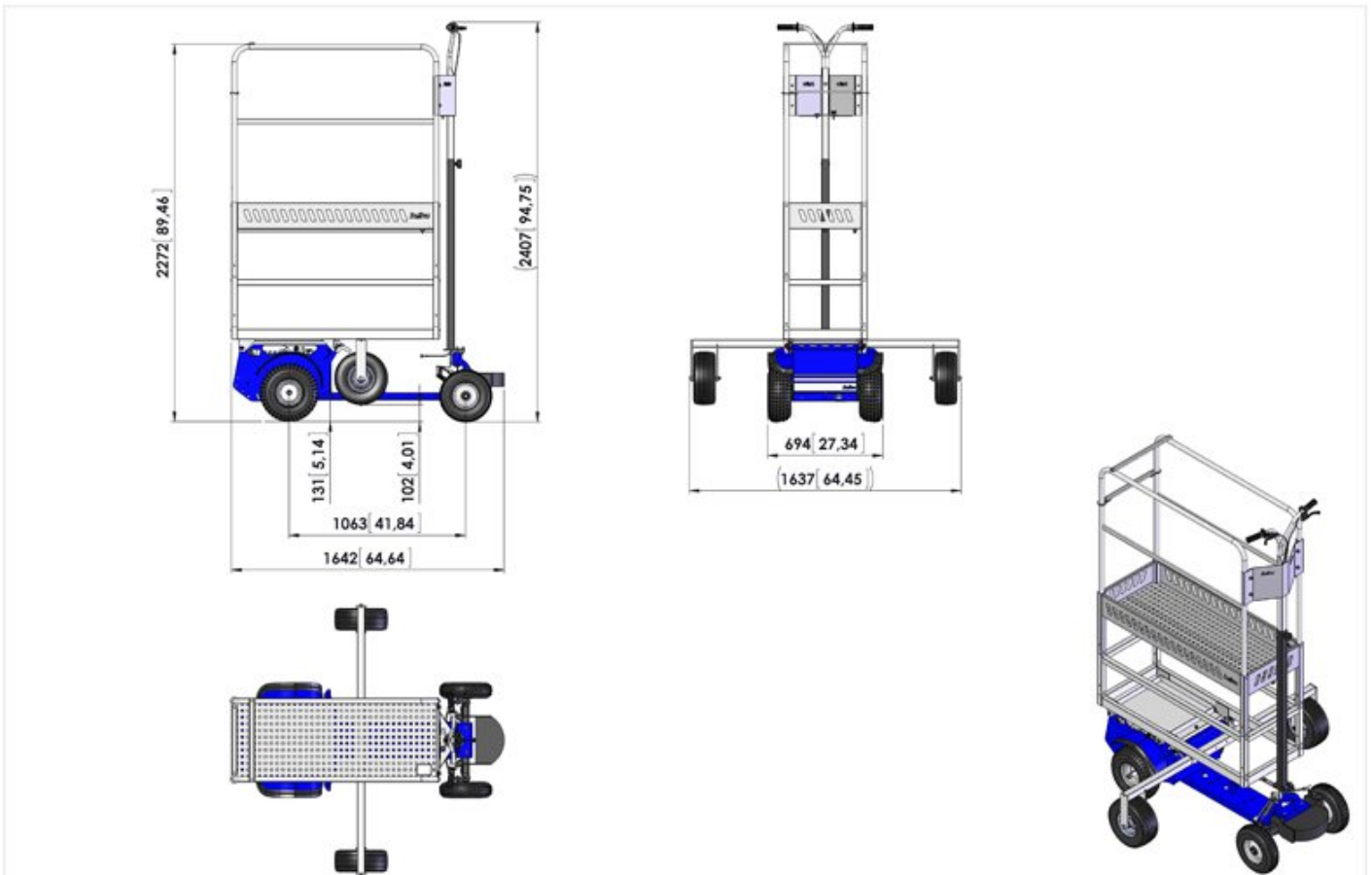




**Z108.732-3**

**Technical drawing**



<b>Zallys</b>	TABLE: <b>Z108.720</b>	<b>FLYER</b>	Unit: mm / [ inch ]	1: 20
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## Technical data

### 1. Characteristics

Réf.no.	Description	U.M.	Valeur
1.01	Model number		Z108.732-3
1.02	Model name		FLYER
1.03	Manufacturer		Zallys
1.04	Operator		Standing
1.05	Power unit		Electric
1.07	CE certification		
1.08	Plant tension		24
1.09	Nominal power		0,6

### 1. Frame characteristics

Réf.no.	Description	U.M.	Valeur
1.80	Frame made of		Steel
1.82	Anti-Corrosion Treatment (on customer demand only)		Cataphoresis
1.83	Frame treatment		Polyester powder coating

### 2. Safety data

Réf.no.	Description	U.M.	Valeur
2.01	Dead man safety system		Dead man safety pedal
2.05	Operator safety features		safety guard rails
2.06	Power supply disconnection device / Emergency stop		Detachable power connector
2.11	Drive controls		Maintained action switch
2.15	Wheels		Puncture proof tires
2.16	Roll over protection system		2 terrain stabilizer arms
2.17	Stabilizer system		28 kilos ballast
2.20	Handarm vibration		<2,5
2.22	Noise level at operator's ears		<70

### 3. Performances

Réf.no.	Description	U.M.	Valeur
3.01	Max. forward speed		4
3.02	Max. backward speed		4
3.06	Max.load capacity on flat ground		70
3.18	N ° Operators		1
3.25	Stopping distance in deceleration (without load)		1
3.39	in addition to the weight of the operator *		

## 4. Drive controls

Réf.no.	Description	U.M.	Valeur
4.01	Type of control		Handle Bars
4.02	Type of start control		Levers
4.04	Speed control		Throttle control

## 5. Standard battery specifications

Réf.no.	Description	U.M.	Valeur
5.01	Batteries		2
5.02	Batteries type		Traction lead acid batteries
5.03	Battery voltage		12
5.04	Nominal Capacity 5 h		72
5.05	Nominal Capacity 20 h		96
5.06	Weight of each battery		25

## 5. Optional battery specifications

Réf.no.	Description	U.M.	Valeur
5.11	Batteries pcs		2
5.12	Batteries type		Traction AGM batteries
5.13	Battery voltage		12
5.14	Nominal Capacity 5/h		50
5.15	Nominal Capacity 20/h		70
5.16	Weight of each battery		22

## 6. Available chargers

Réf.no.	Description	U.M.	Valeur
6.40	Standard voltage		220/240
6.41	Multitension		110/240

Réf.no.	Description	U.M.	Valeur
6.42	Plug		In use in the country of destination

## 6. Technical data of standard charger

Réf.no.	Description	U.M.	Valeur
6.01	Battery charger		External - high frequency
6.02	Input voltage		230
6.03	Input Frequency		50-60
6.05	Battery charger capacity		12
6.06	Power consumption during complete charge cycle		2
6.07	Operating temperature		-20 / +40
6.08	Operation display		Led
6.09	Input fuse		5
6.10	Cooling system		Ventilation cooling
6.11	IP degrees of protection		IP20
6.12.1	Width		95
6.12.2	Length		185
6.12.3	Height		55

## 6. Optional charger specifications

Réf.no.	Description	U.M.	Valeur
6.14	Charger suitable for AGM batteries of		50/70
6.15	Battery Charger Capacity		8
6.18	Power consumption during complete charge cycle		2
6.19	**for all other details please refer to standard charger specifications		

## 7. Drive motor

Réf.no.	Description	U.M.	Valeur
7.02	Motor code no.		M051.701V
7.03	Engine		Electric
7.04	Electricity		Direct current
7.05	Engine voltage		24
7.06	Rating (S2 - 5')		0,6
7.15	Maximum peak power		1,6

## 8. Technical data

Réf.no.	Description	U.M.	Valeur
8.01	Transmission system		Mechanical
8.02	Transmission lubrication		In oil bath
8.03	Gear reduction		1:26
8.04	Kind of oil		80W-90
8.05	Traction		Rear-wheel drive
8.06	Service brake		Electronic
8.08	Parking brake		Electro-Mechanical

## 9. Weight

Réf.no.	Description	U.M.	Valeur
9.01	Weight without batteries		216
9.08	Weight incl. 72/96A lead acid batteries		266
9.09	Weight incl. 50/70A AGM batteries		260

## 10. Dimensions

Réf.no.	Description	U.M.	Valeur
10.01	Length		1641
10.02.1	Width max		1637
10.02.2	Width miin		694
10.03	Height of start control		2407
10.04	driver's platform height		1162
10.14	Wheelbase		1063
10.15	Turning circle		4200
10.50	**For further details please click on technical draws		

## 11. Standard wheels

Réf.no.	Description	U.M.	Valeur
11.01	Drive wheels		2
11.02	Steering wheels		2
11.05	Tyres		Polyurethane
11.06	Type of tyres		Turf tires
11.13	Drive tyres size		145-70-6"
11.14	Steering wheels size		4.10-3.50-6"