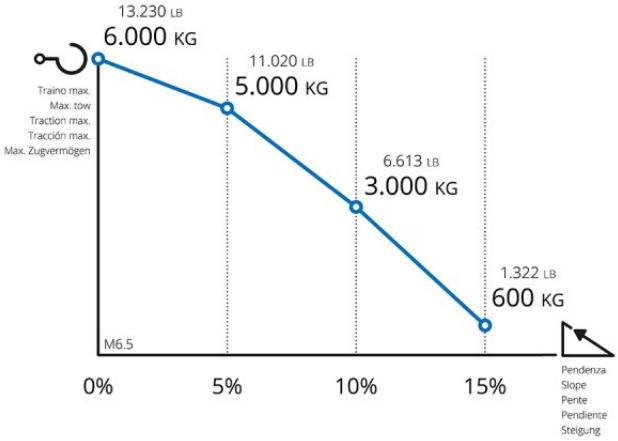
Zallys
the passion for moving

M6.5

ATEX / IECEx

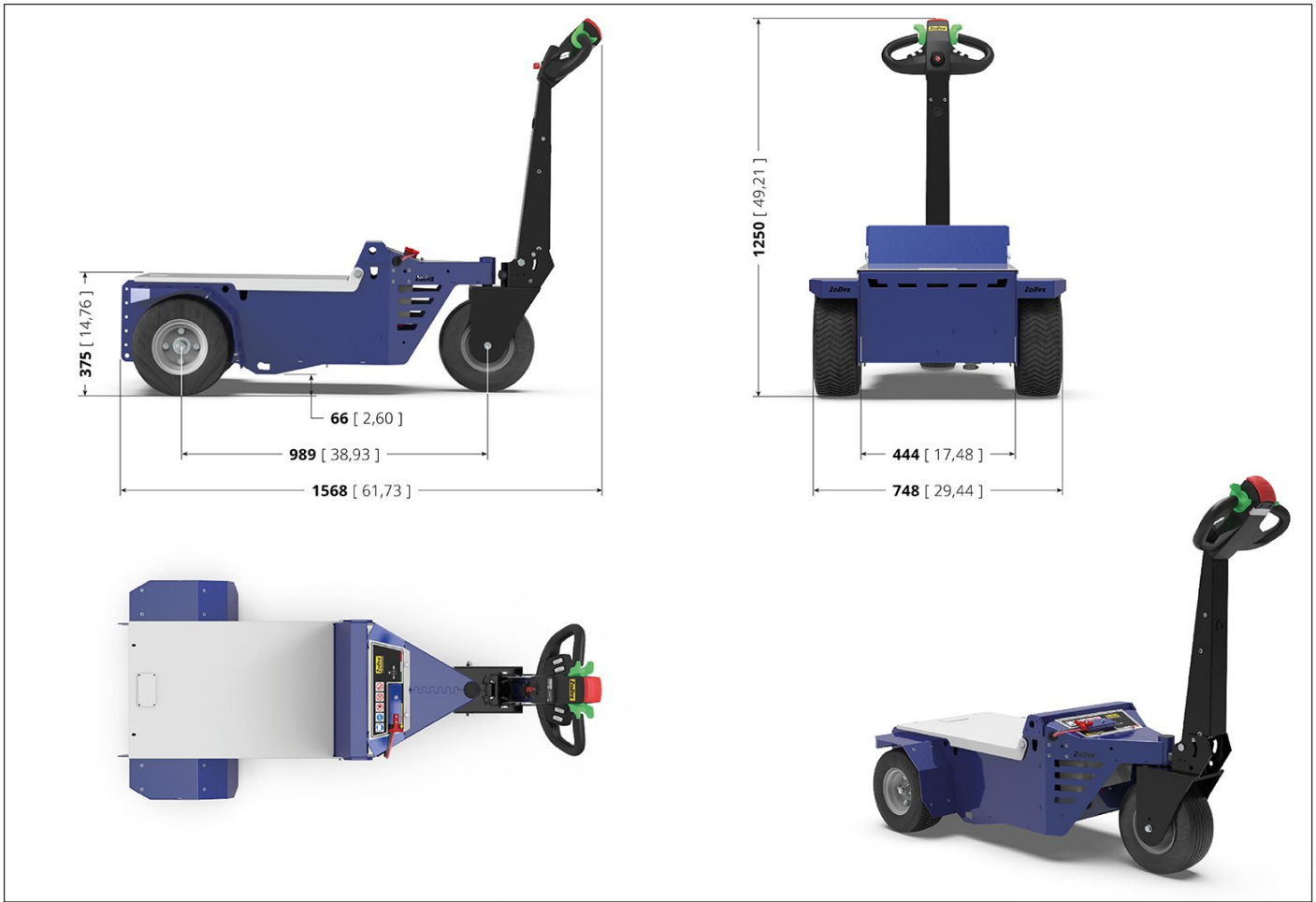
Optional lifting system





Z194.720-1===

Technical drawing



Zallys	TABLE: Z194.720	M6.5	Unit: **mm** [inch]

Technical data

1. Characteristics

Réf.no.	Description	U.M.	Valeur
1.01	Model number		Z194.720-1===
1.02	Model name		M6.5
1.03	Manufacturer		Zallys
1.04	Operator		Pedestrian
1.05	Power unit		Electric
1.07	CE certification		
1.08	Plant tension	V	24
1.09	Nominal power	kW	1,00

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		Sensor on tiller head
2.02	Emergency reverse button		On tiller head
2.04	Creep speed device		Button on tillerhead
2.06	Power supply disconnection device / Emergency stop		Detachable power connector
2.10	Acoustic signaling		Beeper
2.11	Drive controls		Maintained action switch
2.20	Handarm vibration	m/s^2	<2,5
2.22	Noise level at operator’s ears	dB	<70

3. Performances

Réf.no.	Description	U.M.	Valeur
3.01	Max. forward speed	km/h	4,5
3.04	Max. backward speed	km/h	4,5

Réf.no.	Description	U.M.	Valeur
3.11	Max.load capacity on flat ground	kg	500
3.16	Max. lifting capacity (optional kit)	kg	300
3.17	Max. towing capacity on wheels **	kg	6.000
3.22	Max. towing capacity on Rails **	kg	24.000
3.28	Max.slope with load *	%	15
3.36	Max towing force at hook **	N	2400
3.39	Stopping distance in deceleration (without load)	m	1,1
3.42	* Load capacity is subject to kind of slope , kind of floor and operating time		
3.44	** While the force expressed in N at the hook remains unchanged, the following circumstances may affect the towing capacity expressed in KG : type of ground on which the towing is performed, the use (or not) of ballasts and type of wheels mounted on the vehicle and on the trailer		

4. Drive controls

Réf.no.	Description	U.M.	Valeur
4.01	Type of control		Tillerhead
4.02	Type of start control		Butterfly lever
4.04	Speed control		5 speed button assembled on the tiller head

5. Standard battery specifications

Réf.no.	Description	U.M.	Valeur
5.01	Batteries		2
5.02	Batteries type		Traction AGM batteries
5.03	Battery voltage	V	12
5.04	Nominal Capacity 5 h	Ah	105
5.05	Nominal Capacity 20 h	Ah	130
5.06	Weight of each battery	kg	33

6. Available chargers

Réf.no.	Description	U.M.	Valeur
6.40	Standard voltage	V	220/240
6.41	Multitension	V	110/240
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	V	230
6.03	Input Frequency	Hz	50-60
6.05	Battery charger capacity	Ah	8
6.06	Power consumption during complete charge cycle	kWh	2
6.07	Operating temperature	°C	-20 / +40
6.08	Operation display		Led
6.09	Input fuse	A	5
6.10	Cooling system		Ventilation cooling
6.11	IP degrees of protection		IP20
6.12.1	Width	mm	95
6.12.2	Length	mm	185
6.12.3	Height	mm	55

7. Drive motor

Réf.no.	Description	U.M.	Valeur
7.02	Motor code no.		M512.054-UL-A
7.03	Engine		Electric
7.04	Electricity		Direct current
7.05	Engine voltage	V	24
7.06	Rating (S2 - 5')	kW	1
7.15	Maximum peak power	kW	2,20

8. Generic technical data

Réf.no.	Description	U.M.	Valeur
8.01	Transmission system		Mechanical
8.02	Transmission lubrication		In oil bath
8.03	Gear reduction		1:32
8.04	Kind of oil		80W-90
8.06	Service brake		Electronic
8.08	Parking brake		Electro-Mechanical

9. Weight

Réf.no.	Description	U.M.	Valeur
9.01	Weight without batteries	kg	94
9.09.5	Weight incl. 105/130A AGM batteries	kg	160

10. Dimensions

Réf.no.	Description	U.M.	Valeur
10.01	Length	mm	
10.02	Width	mm	
10.03	Height of start control	mm	
10.14	Wheelbase	mm	
10.15	Turning circle	mm	2.500
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		1
11.05	Tyres		Pneumatic
11.07	Drive wheels type		Turf tires
11.09	Steering wheel type		Grooved tire
11.13	Drive tyres size		13-5.00-6"
11.15	Steering wheel size		13-5.00-6"
11.25	Inflation pressure	bar	1.2 / 1.6

11. Optional wheels

Réf.no.	Description	U.M.	Valeur
11.42	Tyres		Super-elastic non-marking wheel
11.43	Kind of tyres		Turf tyres
11.44	Drive tyres size		4.00-4"
11.46	Steering wheel size		4.00-4"