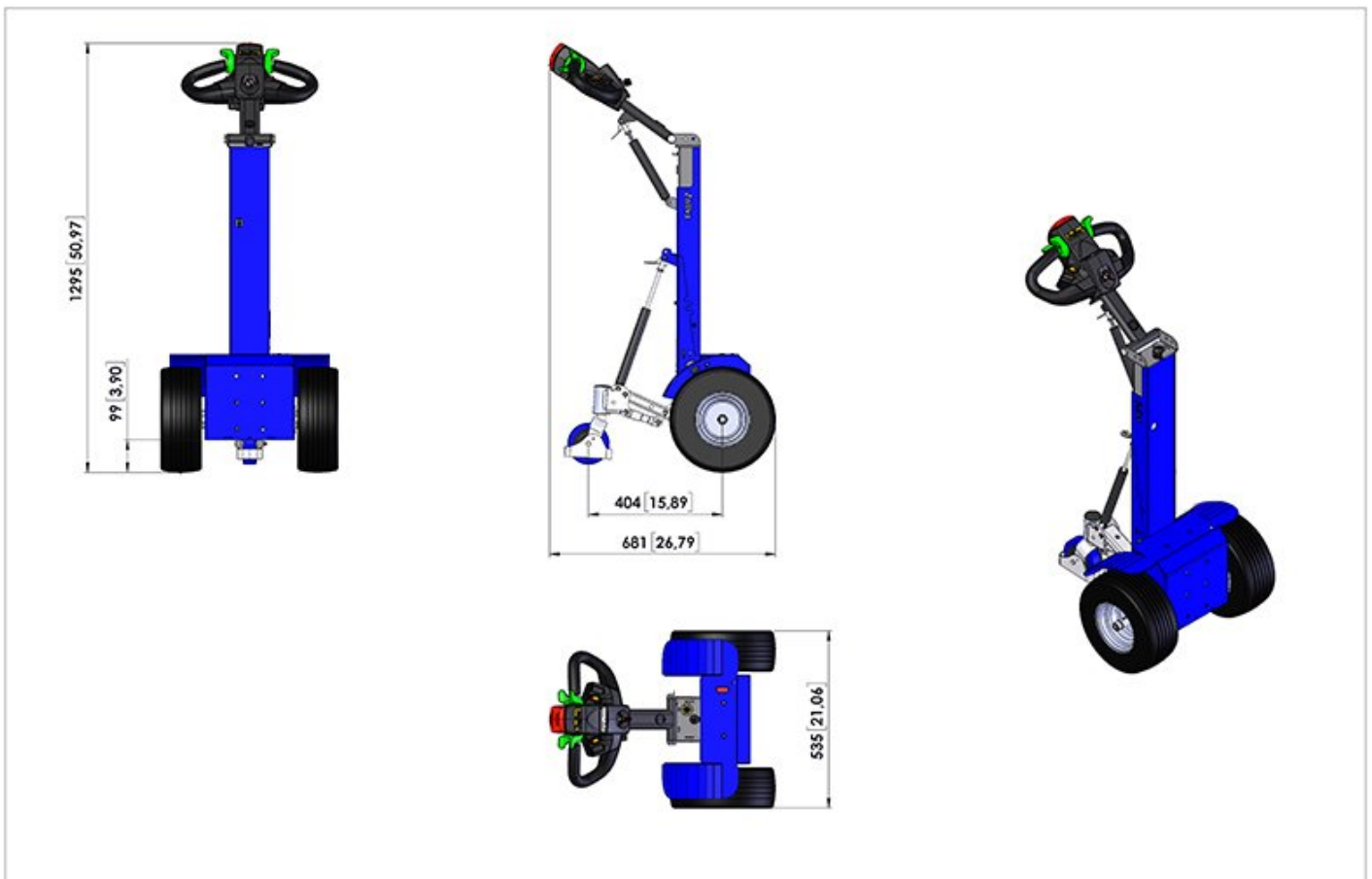


Z178.720-2===

Technical drawing



Zallys	TABLE: Z178.720	M12	mm / [inch]	1:10
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Technical data

1. Characteristics

Réf.no.	Description	U.M.	Valeur
1.01	Model number		Z178.720-2===
1.02	Model name		M12
1.03	Manufacturer		Zallys
1.04	Operator		Pedestrian
1.05	Power unit		Electric
1.07	CE certification		
1.08	Plant tension		24
1.09	Nominal power		0,4

1. Frame characteristics

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

2. Safety data

Réf.no.	Description	U.M.	Valeur
2.02	Emergency reverse button		On tiller head
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		<2,5
2.22	Noise level at operator's ears		<70

3. Performances

Réf.no.	Description	U.M.	Valeur
3.01	Max. forward speed		5
3.02	Max. backward speed		5

Réf.no.	Description	U.M.	Valeur
3.11	Max. towing capacity on flat ground **		1500
3.15	Max.slope with load *		15
3.23	Max towing force at hook **		900
3.25	Stopping distance in deceleration (without load)		1,3
3.38	* Load capacity is subject to kind of slope , kind of floor and operating time		
3.40	** 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		12
5.04	Nominal Capacity 5 h		28
5.05	Nominal Capacity 20 h		36
5.06	Weight of each battery		10
5.10	Weight of battery pack		23

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		35
5.15	Nominal Capacity 20/h		45
5.16	Weight of each battery		14
5.20	Weight of battery pack		37

5. Optional battery specifications

Réf.no.	Description	U.M.	Valeur
5.21	Batteries		1
5.22	Batteries type		Traction - Lithium
5.23	Battery voltage		24
5.24	Nominal Capacity k5		40
5.26	Weight of each battery		12
5.30	Weight of battery pack		13

6. Available chargers

Réf.no.	Description	U.M.	Valeur
6.40	Standard voltage		220/240
6.41	Multitension		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		230
6.03	Input Frequency		50-60
6.05	Battery charger capacity		4
6.06	Power consumption during complete charge cycle		1
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

7. Drive motor

Réf.no.	Description	U.M.	Valeur
7.02	Motor code no.		M055.701V
7.03	Engine		Electric
7.04	Electricity		Direct current

Réf.no.	Description	U.M.	Valeur
7.05	Engine voltage		24
7.06	Rating (S2 - 5')		0,4
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
8.06	Service brake		Electronic
8.08	Parking brake		Electro-Mechanical

9. Weight

Réf.no.	Description	U.M.	Valeur
9.01	Weight without batteries		50
9.04	Weight incl. 24/30A AGM batteries		80
9.05	Weight incl. 37/45A AGM batteries		87
9.06	Weight incl. 70/85A AGM batteries		115

10. Dimensions

Réf.no.	Description	U.M.	Valeur
10.01	Length		700
10.02	Width		535
10.03	Height of start control		1256
10.14	Wheelbase		341
10.15	Turning circle		900
10.50	**For further details please click on technical draws		

11. Standard wheels

Réf.no.	Description	U.M.	Valeur
11.01	Drive wheels		2
11.03	Pivoting wheels no.		1
11.05	Tyres		Pneumatic
11.07	Drive wheels type		Turf tires
11.11	Pivoting wheel type		Smooth non-marking
11.13	Drive tyres size		13-5.00-6"

Réf.no.	Description	U.M.	Valeur
11.17	Pivoting wheel size		Ø 125 X 40
11.25	Inflation pressure		1.2

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"