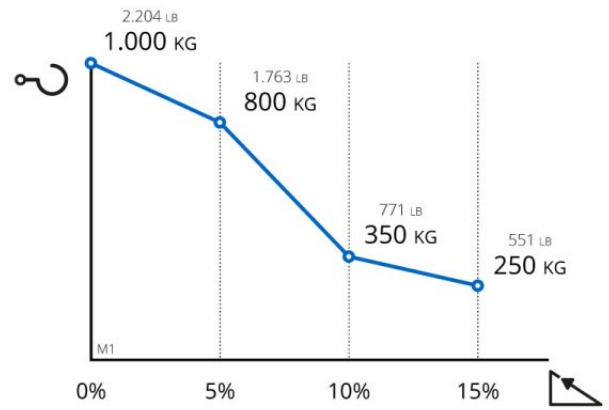




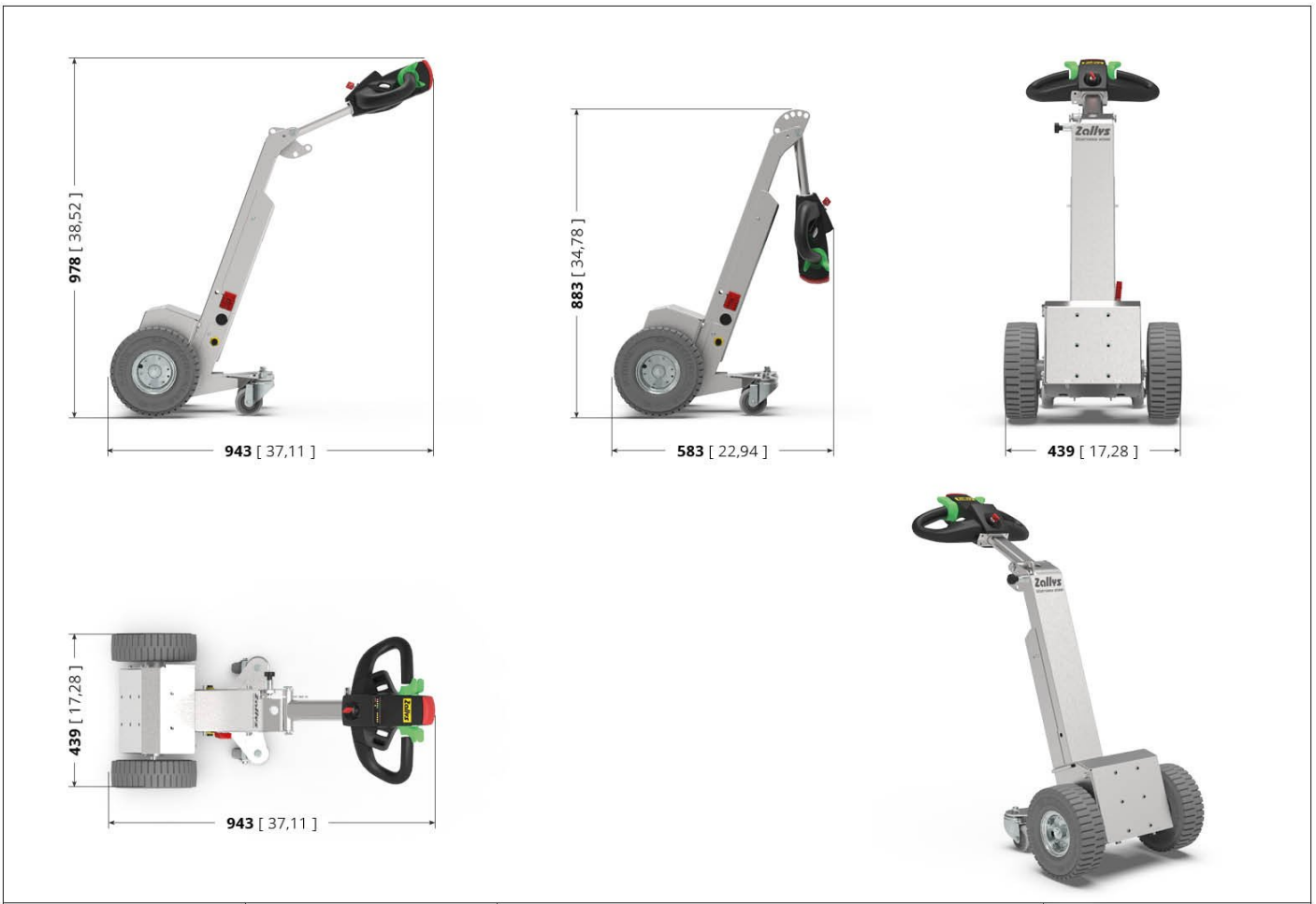
... the passion for moving

M1 Stainless Steel AISI 316



Z177.790===

Technical drawing



Zallys®	TABLE: Z177.790	M1 AISI316	Unit: mm [inch]
----------------	------------------------	------------	-----------------

Technical data

1. Characteristics

Réf.no.	Description	U.M.	Valeur
1.01	Model number		Z177.790===
1.02	Model name		M1 Stainless Steel AISI 316
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	0,30

1. Frame characteristics

Réf.no.	Description	U.M.	Valeur
1.80	Frame made of		Stainless steel AISI 316

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	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	4,0
3.04	Max. backward speed	km/h	4,0
3.20	Max.towing capacity on flat ground (without ballasts) **	kg	800
3.21	Max.towing capacity on flat ground (with ballasts) **	kg	1.000
3.22	Max. towing capacity on Rails **	kg	3.200
3.28	Max.slope with load *	%	15

Réf.no.	Description	U.M.	Valeur
3.36	Max towing force at hook **	N	600
3.39	Stopping distance in deceleration (without load)	m	0,9
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		Slow/fast switch assembled on the tillerhead (optional)

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	16
5.05	Nominal Capacity 20 h	Ah	22
5.06	Weight of each battery	kg	6
5.10	Weight of battery pack	kg	17

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	V	12
5.14	Nominal Capacity 5/h	Ah	28
5.15	Nominal Capacity 20/h	Ah	36
5.16	Weight of each battery	kg	10
5.20	Weight of battery pack	kg	23

5. Optional battery specifications

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

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	110 / 240
6.03	Input Frequency	Hz	50-60
6.04	battery charger voltage type		Monophase
6.05	Battery charger capacity	Ah	4
6.06	Power consumption during complete charge cycle	kWh	1
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
7.03	Engine		Electric
7.04	Electricity		Direct current
7.05	Engine voltage	V	24
7.10	Rating (S2 - 10')	kW	0,30

Réf.no.	Description	U.M.	Valeur
7.15	Maximum peak power	kW	1,60

8. Generic technical data

Réf.no.	Description	U.M.	Valeur
8.01	Transmission system		Mechanical
8.02	Transmission lubrication		In oil bath
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	40
9.15	Weight incl. 16/22A AGM batteries	kg	57

10. Dimensions

Réf.no.	Description	U.M.	Valeur
10.01	Length	mm	933
10.02	Width	mm	439
10.03	Height of start control	mm	978
10.14	Wheelbase	mm	308
10.15	Turning circle	mm	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.		2
11.05	Tyres		Super-elastic non-marking wheel
11.07	Drive wheels type		Turf tires
11.10	Pivoting wheels type		Slick non -marking
11.13	Drive tyres size		3.00-4"
11.16	Pivoting wheels diameter	mm	Ø 80 X 2