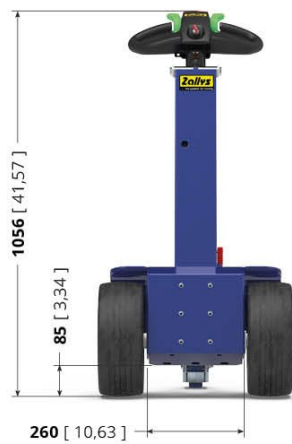




M12 Electric Pedestrian Tow Tug



Technical data

1. Frame characteristics

Réf.no.	Description	
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		
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		
3.01	Max. forward speed	km/h	5,0
3.04	Max. backward speed	km/h	5,0
3.17	Max. towing capacity on wheels **	kg	1.500
3.28	Max.slope with load *	%	15
3.36	Max towing force at hook **	N	900
3.39	Stopping distance in deceleration (without load)	m	1,3
3.42	* Load capacity is subject to kind of slope , kind of floor and operating time		
	** While the force expressed in N at the hook remains unchanged, the		
	following circumstances may affect the towing capacity expressed in KG :		
3.44	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		
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		
5.01	Batteries		2
5.02	Batteries type		Traction AGM batteries
5.03	Battery voltage	V	12
5.04	Nominal Capacity 5 h	Ah	28
5.05	Nominal Capacity 20 h	Ah	36
5.06	Weight of each battery	kg	10
5.10	Weight of battery pack	kg	23

5. Optional battery specifications

Réf.no.	Description		
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	35
5.15	Nominal Capacity 20/h	Ah	45
5.16	Weight of each battery	kg	14
5.20	Weight of battery pack	kg	37

5. Optional battery specifications

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		
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		
6.01	Battery charger		External - high frequency
6.02	Input voltage	V	230
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		
7.02	Motor code no.		M055.701V
7.03	Engine		Electric
7.04	Electricity		Direct current
7.05	Engine voltage	V	24
7.06	Rating (S2 - 5')	kW	0,4
7.15	Maximum peak power	kW	1,60

8. Generic technical data

Réf.no.	Description	
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		
9.01	Weight without batteries	kg	50
9.04	Weight incl. 28/36A AGM batteries	kg	73
9.05	Weight incl. 37/45A AGM batteries	kg	87
9.16	Weight incl. 40A Lithium battery	kg	80

10. Dimensions

Réf.no.	Description		
10.01	Length	mm	700
10.02	Width	mm	535
10.03	Height of start control	mm	1.256
10.14	Wheelbase	mm	341
10.15	Turning circle	m	0,90
10.50	**For further details please click on technical draws		

11. Standard wheels

Réf.no.	Description		
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"
11.17	Pivoting wheel size		Ø 125 X 40
11.25	Inflation pressure	bar	1.2

11. Optional wheels

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