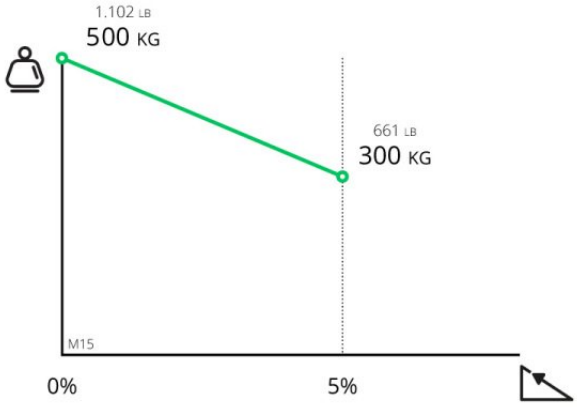
Zallys
the passion for moving

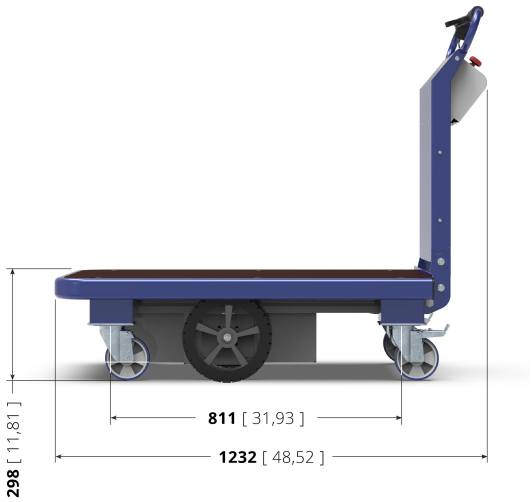
M15

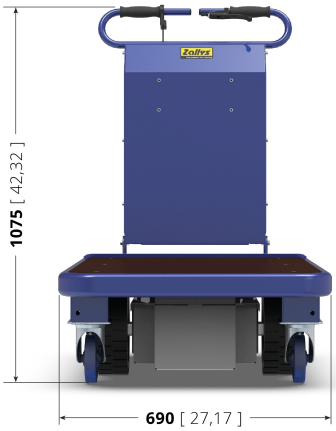


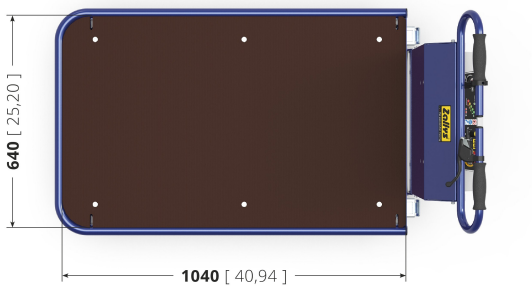


Z175.721-2===

Technical drawing









Zallys	TABLE: Z175.721	M15	Unit: **mm** [inch]

Technical data

1. Characteristics

Réf.no.	Description	U.M.	Valeur
1.01	Model number		Z175.700
1.02	Model name		M15
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	0,25

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		Safety lever
2.02	Emergency reverse button		Dashboard safety microswitch
2.03	Emergency stop device		Emergency stop button
2.06	Power supply disconnection device / Emergency stop		Detachable power connector
2.11	Drive controls		Maintained action switch
2.20	Handarm vibration	m/s²	<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	5,5
3.04	Max. backward speed	km/h	5,5

Réf.no.	Description	U.M.	Valeur
3.11	Max.load capacity on flat ground	kg	500
3.28	Max.slope with load *	%	5
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		

4. Drive controls

Réf.no.	Description	U.M.	Valeur
4.01	Type of control		Tillers
4.02	Type of start control		Push-button
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 AGM batteries
5.03	Battery voltage	V	12
5.04	Nominal Capacity 5 h	Ah	37
5.05	Nominal Capacity 20 h	Ah	45
5.06	Weight of each battery	kg	14

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
6.04	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

Réf.no.	Description	U.M.	Valeur
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.		M048.000
7.03	Engine		Electric
7.04	Electricity		Direct current
7.05	Engine voltage	V	24
7.09	Rating (S2 - 40')	kW	0,25
7.15	Maximum peak power	kW	0,96

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		1:26
8.04	Kind of oil		80W-90
8.05	Traction		Front-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	kg	78
9.05	Weight incl. 37/45A AGM batteries	kg	106

10. Dimensions

Réf.no.	Description	U.M.	Valeur
10.01	Length	mm	1.232
10.02	Width	mm	690
10.03	Height of start control	mm	1.075

Réf.no.	Description	U.M.	Valeur
10.14	Wheelbase	mm	811
10.15	Turning circle	mm	1.176
10.20.1	Length of load platform	mm	1.073
10.20.2	Width of load platform	mm	640
10.20.3	Height of load platform	mm	15
10.21	Load platform made of		Marine plywood
10.50	**For further details please click on technical draws		

11. Standard wheels

Réf.no.	Description	U.M.	Valeur
11.00	Castor wheels		4
11.01	Drive wheels		2
11.05	Tyres		Polyurethane
11.13	Drive tyres size		Ø 254
11.19	Castor wheels dimensions		Ø 125