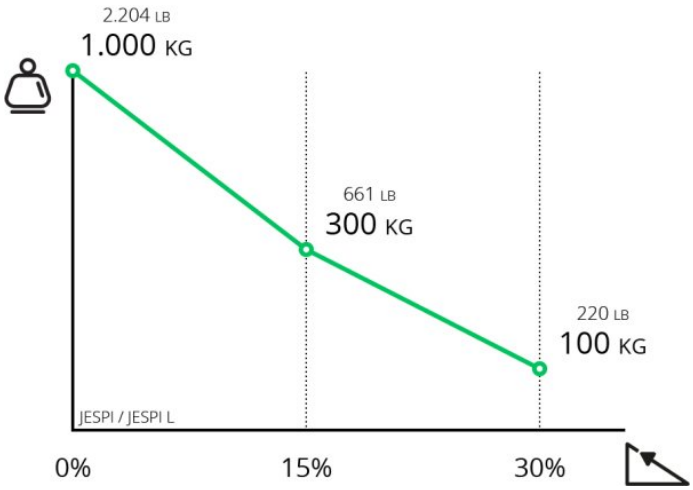
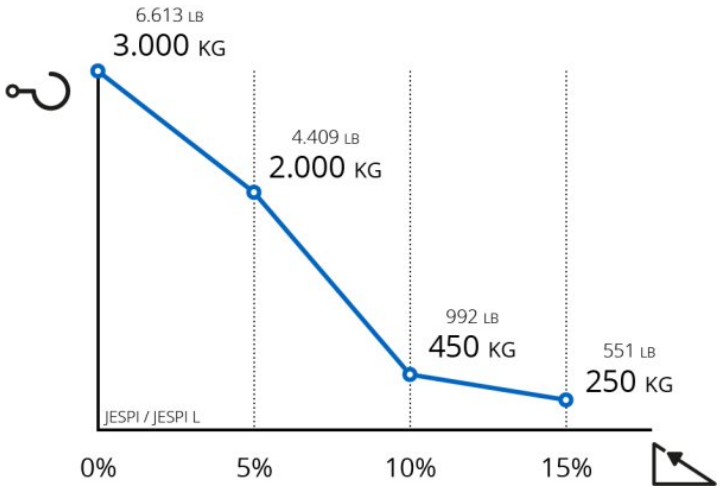
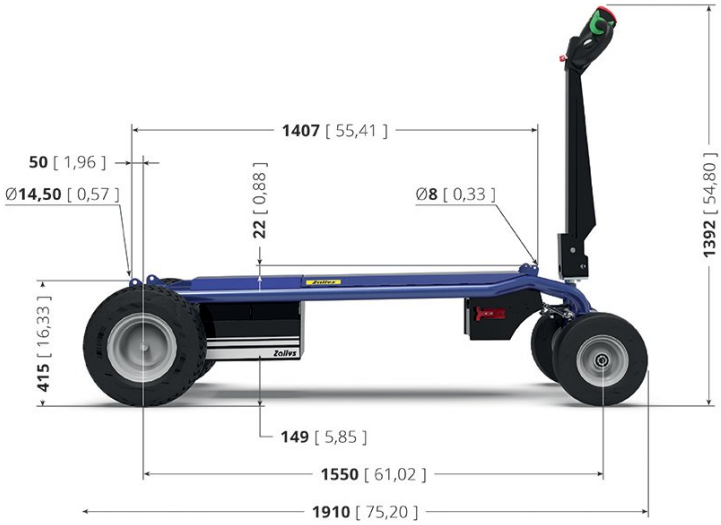
EP 800

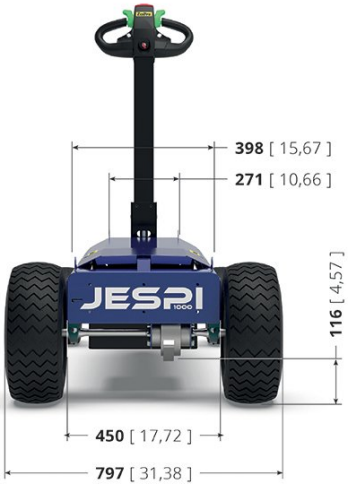


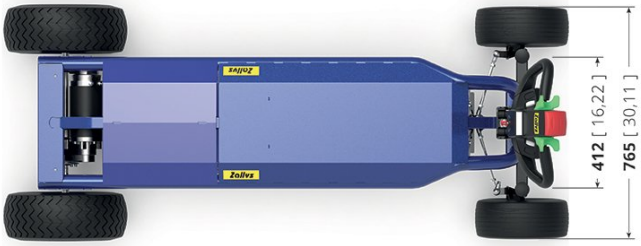

2.204 LB
1.000 KG
661 LB
300 KG
220 LB
100 KG
JESPI / JESPI L
0%
15%
30%


6.613 LB
3.000 KG
4.409 LB
2.000 KG
992 LB
450 KG
551 LB
250 KG
JESPI / JESPI L
0%
5%
10%
15%

JESPI L


1407 [55,41]
50 [1,96]
Ø14,50 [0,57]
22 [0,88]
Ø8 [0,33]
1392 [54,80]
415 [16,33]
149 [5,85]
1550 [61,02]
1910 [75,20]

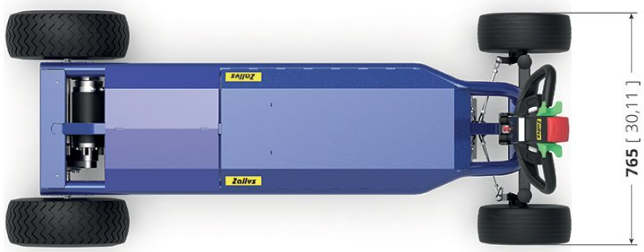

398 [15,67]
271 [10,66]
116 [4,57]
450 [17,72]
797 [31,38]


412 [16,22]
765 [30,11]




1392 [54,80]
415 [16,33]
149 [5,85]
1550 [61,02]
1910 [75,20]


797 [31,38]


765 [30,11]



Technical data

1. Characteristics

Réf.no.	Description		
1.01	Model number		Z120.720-20===
1.02	Model name		JESPI L
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		
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		
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		
3.01	Max. forward speed	km/h	5,5
3.04	Max. backward speed	km/h	5,5
3.11	Max.load capacity on flat ground	kg	1.000

Réf.no.	Description		
3.12.1	Max. load capacity on flat ground (With narrow track wheels)	kg	500
3.17	Max. towing capacity on wheels **	kg	3.000
3.28	Max.slope with load *	%	30
3.36	Max towing force at hook **	N	1600
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		
3.46	The towing capacity values indicated in the graph are for non-continuous use and may vary depending on the type of work and the external temperature.		
3.47	The data shown in the Transport and Towing graphs refer to different uses and therefore cannot be added together.		

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	105
5.05	Nominal Capacity 20 h	Ah	130
5.06	Weight of each battery	kg	32

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	12
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		
7.02	Motor code no.		M512.013
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	
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		
9.01	Weight without batteries	kg	86
9.09.5	Weight incl. 105/130A AGM batteries	kg	152

10. Dimensions

Réf.no.	Description		
10.01	Length	mm	1.910
10.02	Width	mm	797
10.03	Height of start control	mm	1.392
10.08	Loading platform height	mm	415
10.14	Wheelbase	mm	1.550
10.15	Turning circle	m	5,20
10.50	**For further details please click on technical draws		

11. Standard wheels

Réf.no.	Description		
11.01	Drive wheels		2
11.02	Steering wheels		2
11.05	Tyres		Pneumatic
11.07	Drive wheels type		Turf tires
11.08	Steering wheels type		Grooved tire
11.13	Drive tyres size		16-6.50-8"
11.14	Steering wheels size		13-5.00-6"
11.25	Inflation pressure	bar	1.5 / 2.2

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	4.00-8"
11.45	Steering wheels size	4.00-4"