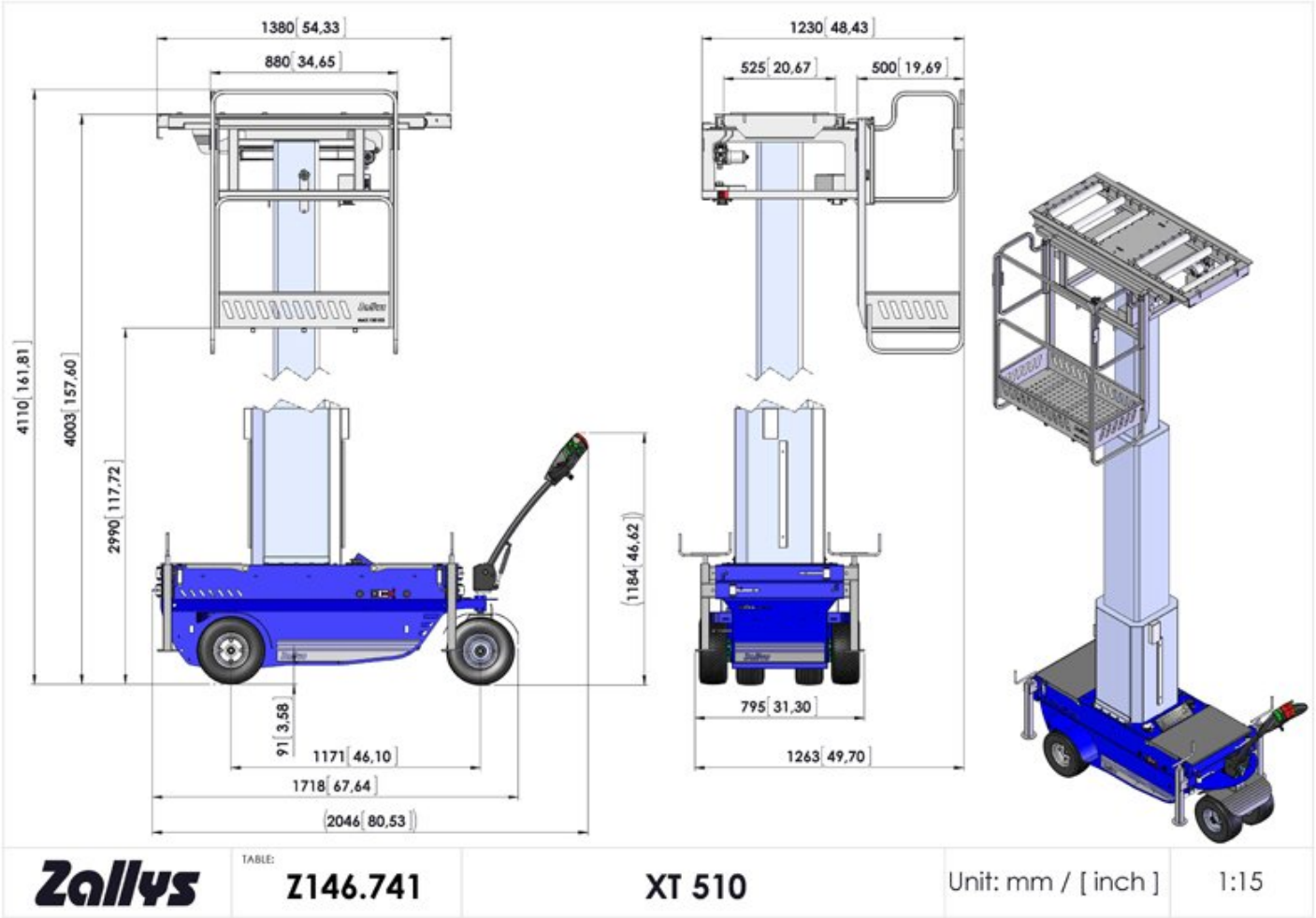
XT 510 Full optional

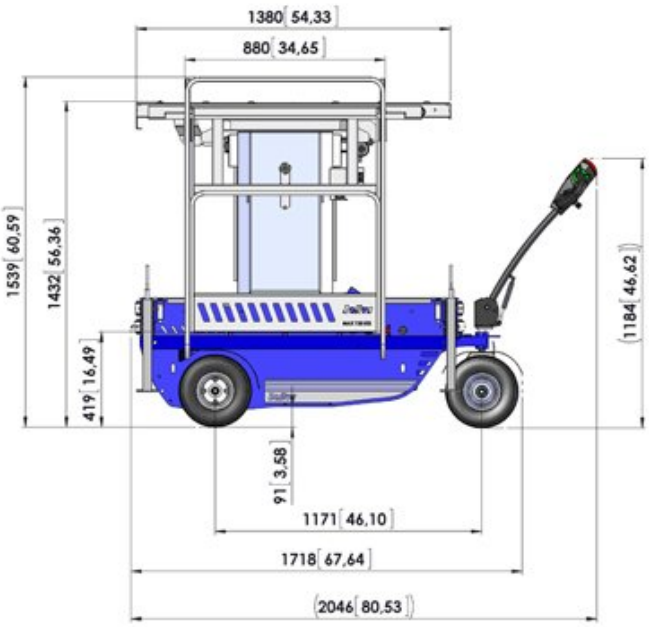


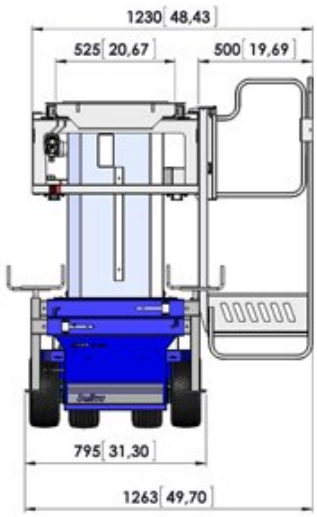
Z146.730-2===

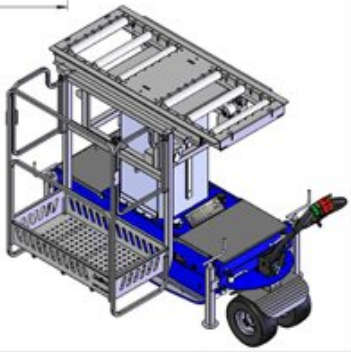
Technical drawing



XT 510 Full optional







Zallys	TABLE: Z146.741	XT 510	Unit: mm / [inch]	1:15

XT 510 Full optional

Technical data

1. Characteristics

Réf.no.	Description	U.M.	Valeur
1.01	Model number		Z146.730-2===
1.02	Model name		XT 510 Full optional
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	0,80

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		Sensor on tiller head
2.02	Emergency reverse button		On tiller head
2.03	Emergency stop device		Emergency stop button
2.04	Creep speed device		Button on tillerhead
2.06	Power supply disconnection device / Emergency stop		Detachable power connector
2.10	Acoustic signaling		Electric horn
2.11	Drive controls		Maintained action switch
2.12	Ground drive controls not in use when platform is raised		Disabled
2.14	Emergency descent/ascent manual device		Manual
2.15	Wheels		Puncture proof tires
2.16	Roll over protection system		4 terrain stabilizer arms
2.20	Handarm vibration	m/s^2	<2,5
2.22	Noise level at operator’s ears	dB	<70

3. Performances

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XT 510 Full optional

Réf.no.	Description	U.M.	Valeur
3.01	Max. forward speed	km/h	4,0
3.04	Max. backward speed	km/h	4,0
3.11	Max.load capacity on flat ground	kg	350
3.27	Max.slope without load	%	20
3.39	Stopping distance in deceleration (without load)	m	1,1

3. Technical data of hydraulic tilting system

Réf.no.	Description	U.M.	Valeur
3.80	System voltage	V	24
3.82	Oil type		ISO VG 46
3.83	Oil quantity	l	2,50

4. Drive controls

Réf.no.	Description	U.M.	Valeur
4.01	Type of control		Tillerhead
4.02	Type of start control		Butterfly lever

5. Standard battery specifications

Réf.no.	Description	U.M.	Valeur
5.01	Batteries		2
5.02	Batteries type		Traction lead acid batteries
5.03	Battery voltage	V	12
5.04	Nominal Capacity 5 h	Ah	72
5.05	Nominal Capacity 20 h	Ah	96
5.06	Weight of each battery	kg	25

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	50
5.15	Nominal Capacity 20/h	Ah	70
5.16	Weight of each battery	kg	22

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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	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

6. Optional charger specifications

Réf.no.	Description	U.M.	Valeur
6.14	Charger suitable for AGM batteries of	A	50/70
6.15	Battery Charger Capacity	Ah	8
6.18	Power consumption during complete charge cycle	kWh	2
6.19	**for all other details please refer to standard charger specifications		

7. Drive motor

Réf.no.	Description	U.M.	Valeur
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	U.M.	Valeur
8.01	Transmission system		Mechanical
8.02	Transmission lubrication		In oil bath

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XT 510 Full optional

Réf.no.	Description	U.M.	Valeur
8.04	Kind of oil		80W-90
8.06	Service brake		Electronic
8.08	Parking brake		Electro-Mechanical*
8.11	Platform lifting system		Electro-hydraulic
8.22	Lifting system operated by		Pendant station
8.40	* with lever for brake release		

9. Weight

Réf.no.	Description	U.M.	Valeur
9.01	Weight without batteries	kg	597
9.08	Weight incl. 72/96A lead acid batteries	kg	647

10. Dimensions

Réf.no.	Description	U.M.	Valeur
10.01	Length	mm	2.046
10.02	Width	mm	1.263
10.03	Height of start control	mm	1.184
10.08	Loading platform height	mm	1.432
10.11	Lifting standard platform max. height	mm	4.003
10.12	Lifting platform max. height equipped with rotating system	mm	4.103
10.13	Lifting cage max.height	mm	2.990
10.14	Wheelbase	mm	1.171
10.15	Turning circle	m	4,00
10.16	* with tiller in vertical position		
10.50	**For further details please click on technical draws		

11. Standard wheels

Réf.no.	Description	U.M.	Valeur
11.01	Drive wheels		2
11.02	Steering wheels		2
11.05	Tyres		Polyurethane
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"