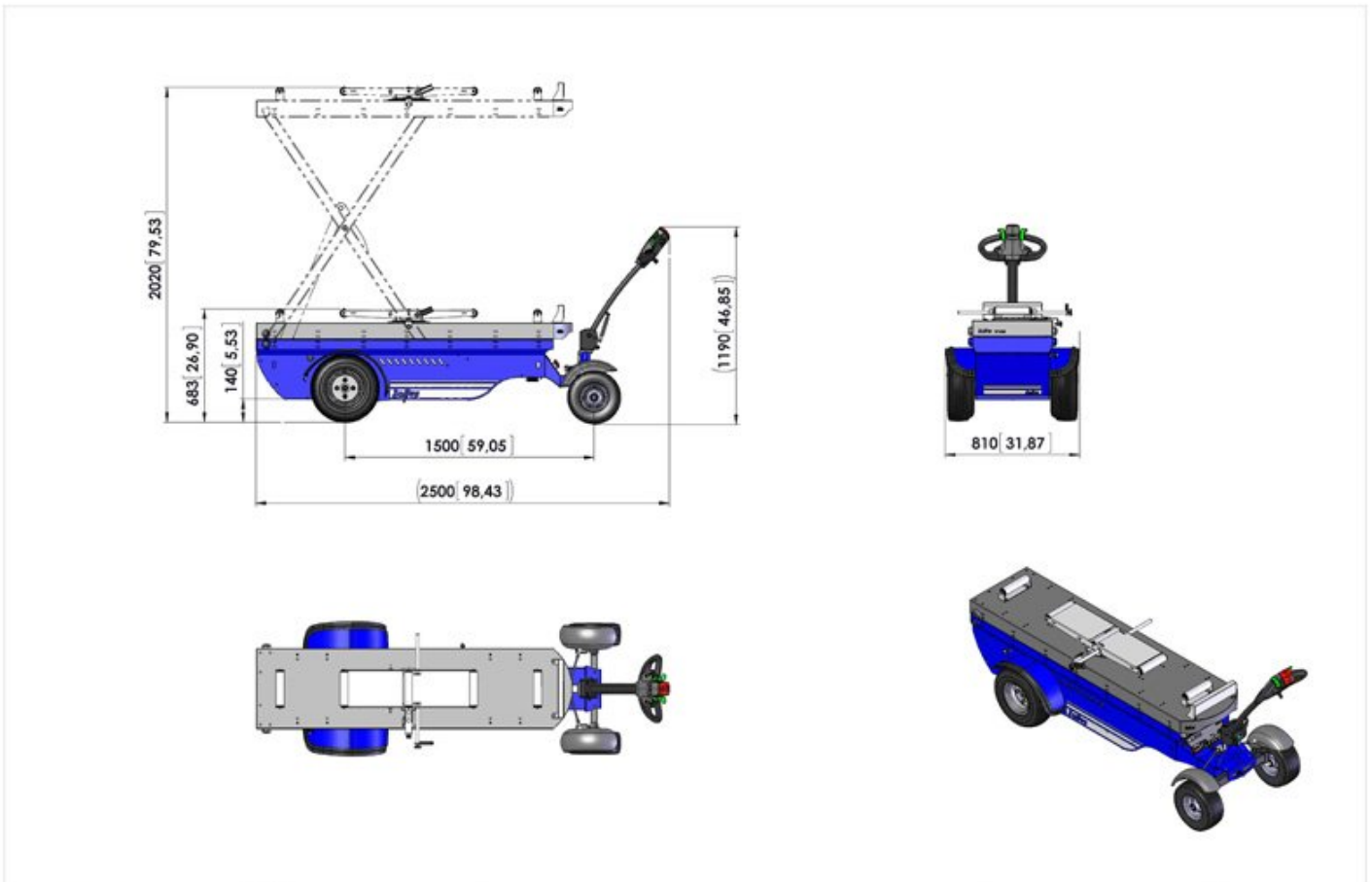




**Z140.720-3===**

**Technical drawing**



<p><b>Zollys</b></p>	<p>TABLE: <b>Z140.780</b></p>	<p><b>XT 505</b></p>	<p>Unit: mm / [ inch ]</p>	<p>1:20</p>
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## Technical data

### 1. Characteristics

Réf.no.	Description	U.M.	Valeur
1.01	Model number		Z140.720-3===
1.02	Model name		XT 505
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	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
2.18	Devices for securing cargo		Safety straps with ratchet
2.20	Handarm vibration	m/s <sup>2</sup>	<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	5,0
3.04	Max. backward speed	km/h	5,0
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

### 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

## 5. Optional battery specifications

Réf.no.	Description	U.M.	Valeur
5.21	Batteries		2
5.22	Batteries type		Traction lead acid batteries
5.23	Battery voltage	V	12
5.24	Nominal Capacity k5	Ah	126
5.25	Nominal Capacity k20	Ah	167
5.26	Weight of each battery	kg	40

## 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

Réf.no.	Description	U.M.	Valeur
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
8.03	Gear reduction		1:32
8.06	Service brake		Electronic
8.08	Parking brake		Electro-Mechanical
8.11	Platform lifting system		Electro-hydraulic
8.21	Standard equipment		Rotating platform with rollers

## 9. Weight

Réf.no.	Description	U.M.	Valeur
9.01	Weight without batteries	kg	291
9.08	Weight incl. 72/96A lead acid batteries	kg	341
9.09	Weight incl. 50/70A AGM batteries	kg	335
9.13	Weight incl. 126/167A lead acid batteries	kg	371

## 10. Dimensions

Réf.no.	Description	U.M.	Valeur
10.01	Length	mm	2.500
10.02	Width	mm	810
10.03	Height of start control	mm	1.190
10.11.1	lifting height max	mm	2.020
10.11.2	lifting height min	mm	682
10.14	Wheelbase	mm	1.500
10.15	Turning circle	mm	5.200
10.16	* with tiller in vertical position		
10.50	**For further details please click on technical draws		

## 11. Standard wheels

<b>Réf.no.</b>	<b>Description</b>	<b>U.M.</b>	<b>Valeur</b>
11.01	Drive wheels		2
11.02	Steering wheels		2
11.05	Tyres		Polyurethane
11.06	Type of tyres		Grooved tyres
11.13	Drive tyres size		16-6.50-8"
11.14	Steering wheels size		13-5.00-6"