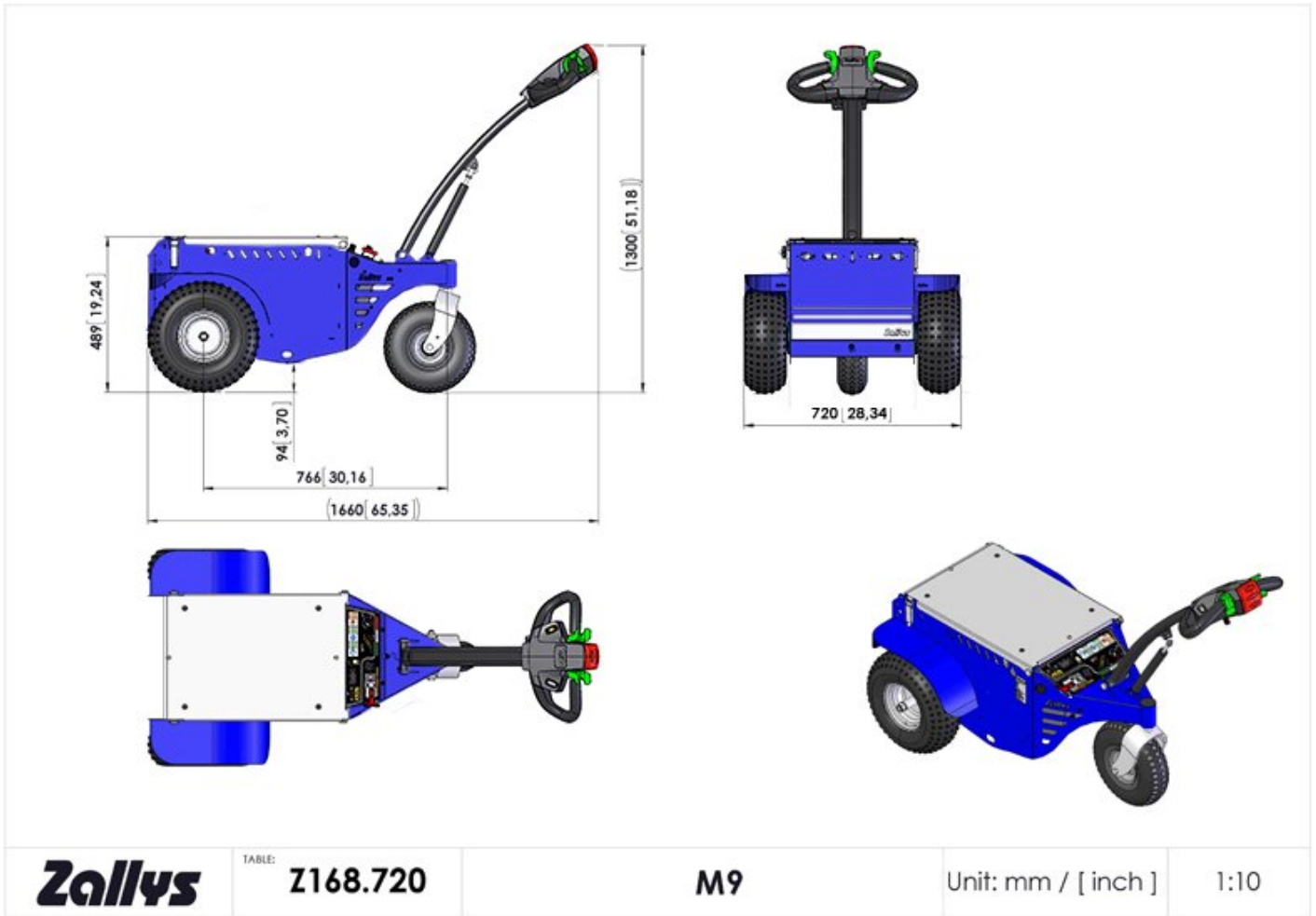


Z168.720-8===

Technical drawing



Technical data

1. Characteristics

Réf.no.	Description	U.M.	Valeur
1.01	Model number		Z168.720-8===
1.02	Model name		M9
1.03	Manufacturer		Zallys
1.04	Operator		Pedestrian
1.05	Power unit		Electric
1.07	CE certification		
1.08	Plant tension		24
1.09	Nominal power		0,6

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
2.06	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		<2,5
2.22	Noise level at operator's ears		<70

3. Performances

Réf.no.	Description	U.M.	Valeur
3.01	Max. forward speed		4,5

Réf.no.	Description	U.M.	Valeur
3.02	Max. backward speed		4,5
3.06	Max.load capacity on flat ground		300
3.11	Max. towing capacity on flat ground **		3000
3.15	Max.slope with load *		15
3.23	Max towing force at hook **		1600
3.25	Stopping distance in deceleration (without load)		1
3.38	* Load capacity is subject to kind of slope , kind of floor and operating time		
3.40	** 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. Stress test and resistance of the continuous cycle machine performed on industrial flooring

Réf.no.	Description	U.M.	Valeur
3.50	Total distance traveled		8500
3.51	Full load route without towing		80
3.52	Full load path with maximum towing		80
3.54	Weight loaded on the machine		300
3.56	Test duration time		2.30
3.57	Weight towed on trailer with pneumatic wheels		3100
3.58	Type of batteries		96
3.59	External temperature		12
3.60	Maximum engine temperature peak		37.7

4. Drive controls

Réf.no.	Description	U.M.	Valeur
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 (optional)

5. Standard battery specifications

Réf.no.	Description	U.M.	Valeur
5.01	Batteries		2
5.02	Batteries type		Traction lead acid batteries

Réf.no.	Description	U.M.	Valeur
5.03	Battery voltage		12
5.04	Nominal Capacity 5 h		72
5.05	Nominal Capacity 20 h		96
5.06	Weight of each battery		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		12
5.14	Nominal Capacity 5/h		50
5.15	Nominal Capacity 20/h		70
5.16	Weight of each battery		22

6. Available chargers

Réf.no.	Description	U.M.	Valeur
6.40	Standard voltage		220/240
6.41	Multitension		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
6.02.1	Input voltage max		230
6.03	Input Frequency		50-60
6.05	Battery charger capacity		12
6.06	Power consumption during complete charge cycle		2
6.07	Operating temperature		-20 / +40
6.08	Operation display		Led
6.09	Input fuse		5
6.10	Cooling system		Ventilation cooling
6.11	IP degrees of protection		IP20
6.12.1	Width		95
6.12.2	Length		185
6.12.3	Height		55

6. Optional charger specifications

Réf.no.	Description	U.M.	Valeur
6.14	Charger suitable for AGM batteries of		50/70
6.15	Battery Charger Capacity		8
6.18	Power consumption during complete charge cycle		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.		M051.701V
7.03	Engine		Electric
7.04	Electricity		Direct current
7.05	Engine voltage		24
7.06	Rating (S2 - 5')		0,6
7.15	Maximum peak power		1,6

8. 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
8.06	Service brake		Electronic
8.08	Parking brake		Electro-Mechanical

9. Weight

Réf.no.	Description	U.M.	Valeur
9.01	Weight without batteries		66
9.08	Weight incl. 72/96A lead acid batteries		116
9.09	Weight incl. 50/70A AGM batteries		110

10. Dimensions

Réf.no.	Description	U.M.	Valeur
10.01	Length		1660
10.02	Width		720
10.03	Height of start control		1300

Réf.no.	Description	U.M.	Valeur
10.08	Loading platform height		489
10.14	Wheelbase		766
10.15	Turning circle		1600
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
11.03	Pivoting wheels no.		1
11.05	Tyres		Pneumatic
11.06	Type of tyres		Turf tires
11.13	Drive tyres size		15-6.00-6"
11.17	Pivoting wheel size		4.00-4"
11.25	Inflation pressure		1.2 / 1.6

11. Optional wheels

Réf.no.	Description	U.M.	Valeur
11.42	Tyres		Super-elastic non-marking wheel
11.43	Kind of tyres		Turf tyres
11.44	Drive tyres size		4.00-4"
11.47	Pivoting wheel size		3.00-4"