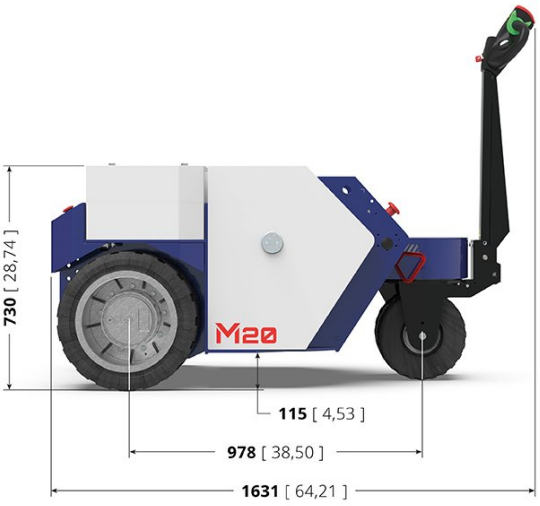
M20

M20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Zalivs
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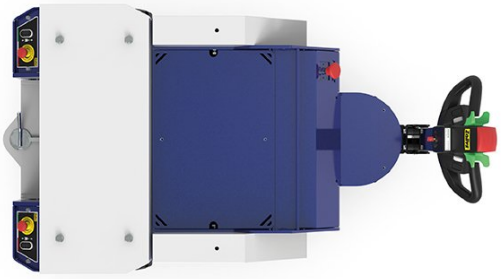

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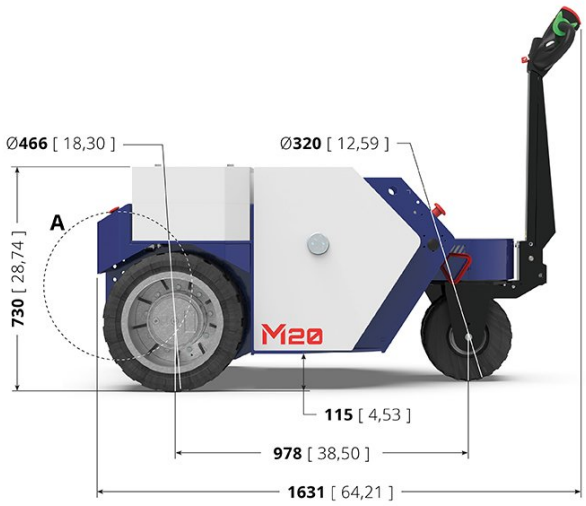
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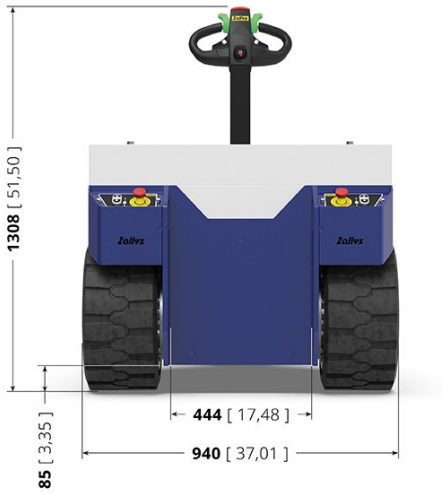
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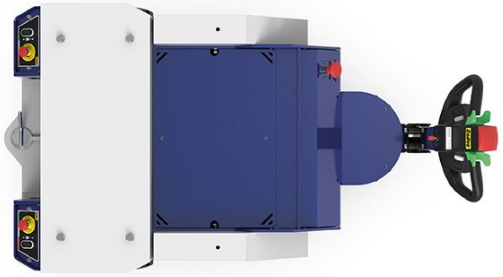

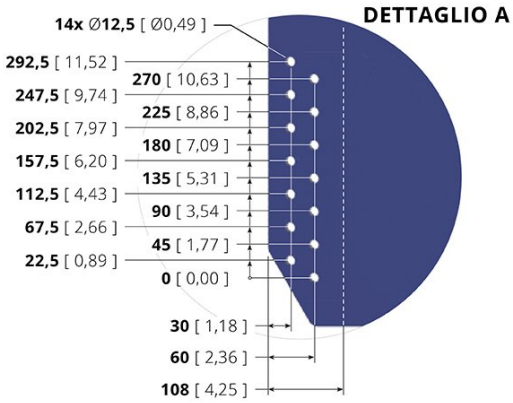
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22,5 [0,89]
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225 [8,86]
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135 [5,31]
90 [3,54]
45 [1,77]
0 [0,00]
30 [1,18]
60 [2,36]
108 [4,25]

Technical data

1. Characteristics

Réf.no.	Description		
1.01	Model number		Z244.720===
1.02	Model name		M20
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	10,60

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		Inductive sensor on tiller
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
2.09	Audible reverse beeper		beeper
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	4,5
3.04	Max. backward speed	km/h	4,5

Réf.no.	Description		
3.17	Max. towing capacity on wheels **	kg	30.000
3.22	Max. towing capacity on Rails **	kg	50.000
3.28	Max.slope with load *	%	15
3.36	Max towing force at hook **	N	14500
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		

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		4
5.02	Batteries type		Traction AGM batteries
5.03	Battery voltage	V	6
5.04	Nominal Capacity 5 h	Ah	290
5.05	Nominal Capacity 20 h	Ah	350
5.06	Weight of each battery	kg	46
5.10	Weight of battery pack	kg	184

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

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	30
6.06	Power consumption during complete charge cycle	kWh	7
6.07	Operating temperature	°C	-20 / +40
6.08	Operation display		Led
6.09	Input fuse	A	16
6.10	Cooling system		Ventilation cooling
6.11	IP degrees of protection		IP20
6.12.1	Width	mm	145
6.12.2	Length	mm	290
6.12.3	Height	mm	85

7. Drive motor

Réf.no.	Description		
7.01	Engine		2
7.02	Motor code no.		M133.710-1/53(345)
7.03	Engine		Electric
7.04	Electricity		Alternating current
7.05	Engine voltage	V	24
7.08	Rating (S2 - 60')	kW	5,30

8. Generic technical data

Réf.no.	Description		
8.01	Transmission system		Mechanical
8.02	Transmission lubrication		In oil bath
8.03	Gear reduction		1:53
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	1.300
9.14.1	Weight incl. 290/350A AGM batteries (standard)		1500

10. Dimensions

Réf.no.	Description		
10.01	Length	mm	1.631
10.02	Width	mm	940
10.03	Height of start control	mm	1.308
10.05	Height	mm	1.308
10.08	Loading platform height	mm	586
10.14	Wheelbase	mm	1.077
10.15	Turning circle	m	2,00
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	Super-elastic
11.13	Drive tyres size	ÃƒÆ'Ã†â€™Ãƒâ€¹Ã… â€œ454x229 mm
11.14	Steering wheels size	4.00-4"