

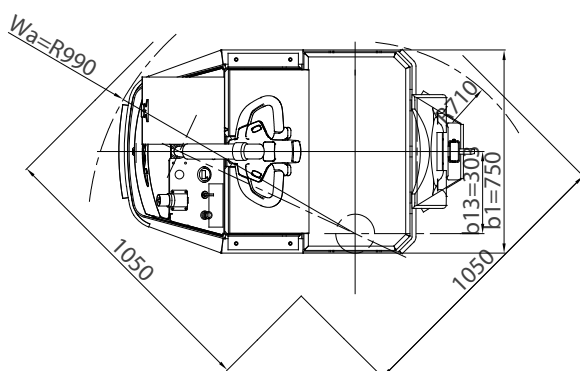
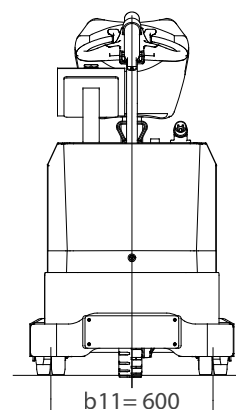
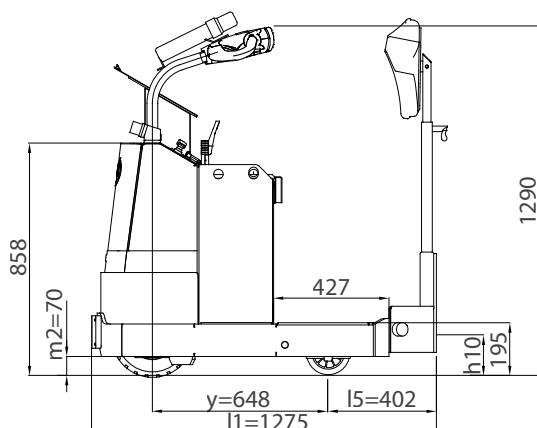
TTE15

A Simulab 3D printer, which is a compact, white and orange machine with a black base and a large, adjustable black print head. The brand name "Simulab" is visible in orange on the side of the white upper body.

- **Supporting chassis** ensures maximum exploitation of induction motor torque.
- Preset electrical **braking**, operating automatically when accelerator handgrip is released and on reversing direction.
- Mechanical drawbar **steering**.
- **1 operator on board**, driving while standing. Low step-on platform with suspension system for maximum driving comfort.
- **“Man on board” device** with sensor floor mat. Driver back support available upon request. Blue and flashing lights available upon request.
- **Multifunction digital dashboard** with battery charge indicator, fault detection, speedometer and hour meter.

- **Induction motor based wheel-drive system.**
- **Electronic speed control of AC motor** with energy recovery during deceleration and braking. Several towing hitches available.
- **Battery** 24 V 375Ah
- Single phase **HF battery charging** on board.
Standard paint finish: chassis dark grey RAL 7021/body light grey RAL 7035. Other colours available upon request.

All parts are easy to access for fast and effective maintenance.
Lower costs due to AC technology and modular design.



FEATURES	1.1	Manufacturer			SIMAI S.p.A.
	1.2	Model			TTE15
	1.3	Drive			electric
	1.4	Operator Type			standing driver
	1.5	Load Capacity	Q	t	-
	1.5.1	Towing Capacity	Q	t	1,5
	1.7	Rated Drawbar pull	F	N	750
	1.9	Wheelbase	Y	mm	648
WEIGHT	2.1	Service weight (w/battery)		kg	526
	2.2	Axle loading laden front/rear (with operator 80 kg. each)		kg	292 / 314
	2.3	Axle loading unladen front/rear		kg	292 / 234
TIRES, CHASSIS	3.1	Tyres:Cushion(Cu),Superelastic(SE), Pneus(Pn) Poliurethane (PE)			SE
	3.2	Tyre size front			300x85
	3.3	Tyre size rear			160x50
	3.5	Wheels nr. Front/Rear (X=motive)			1X / 4
	3.6	Tread front	b ₁₀	mm	-
	3.7	Tread rear	b ₁₁	mm	600
	3.8	Wheel diameter	b ₁₂	mm	300
DIMENSIONS	4.7	Height of roof/cabin	h ₆	mm	-
	4.8	Seat height	h ₇	mm	-
	4.8.1	Step on platform height		mm	195
	4.12	Coupling height	h ₁₀	mm	125 -180 - 235 - 345
	4.13	Loading height (min / MAX)	h ₁₁	mm	-
	4.16	Platform length	l ₃	mm	-
	4.17	Rear overhang	l ₅	mm	402
	4.18	Platform width	b ₉	mm	-
	4.19	Overall length	l ₁	mm	1275
	4.21	Overall width	b ₁	mm	750
	4.32	Ground clearance - centre of wheelbase	m ₂	mm	70
	4.35	Turning radius front	Wa	mm	990
	4.35.1	Turning radius rear		mm	710
	4.36	Turning radius inner	b ₁₃	mm	303
	4.36.1	Aisle width when turning 90°		mm	1050
PERFORMANCES	5.1	Travel speed laden/unladen		km/h	9
	5.5	Drawbar pull laden		N	-
	5.5.1	Drawbar pull unladen		N	750
	5.6	Max. Drawbar pull laden/unladen		N	- / 1600
	5.7	Gradeability laden/unladen		%	3 / 15
	5.8	Max. Gradeability laden/unladen		%	3 / 15
	5.10	Service / Parking brake (I=Hydraulic E=Electromagn. M=Mechanical)			E / E
	5.10.1	Type of service brake front/rear			electromagnetic/-
MOTOR	6.1	Drive motor rating S260 min		kW	2,3
	6.1.1	Hydrauling steering motor rating S260 min		kW	-
	6.3	Battery according to DIN 43531 / 35 / 36 A, B, C, no			no
	6.4	Battery voltage	U	V	24
	6.4.1	Battery rated capacity	K ₅	Ah	375
	6.5	Battery weight		kg	310
	6.6	Energy consumption (EN 16796)		kWh/h	0,66
OTHER DATA	8.1	Drive Control			inverter AC
	8.4	Sound level at driver's ear according to DIN 12053		dB(A)	69
	8.5	Towing coupling, type DIN			-

As per VDI guidelines 2198, this datasheet applies to standard electric tractor / platform truck only. Dimensions are not binding and can be changed in any moment. The performances must be intended for brand new machines, after having completed the running-in tested in San Donato Milanese Factory in normal climatic conditions. Performances and weight are to be intended with standard motors and battery (reported in bold) and with extra-elastic tires. Some data can vary according to different equipments.



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