



MATERIAL HANDLING TECHNOLOGY SINCE 1946

SGAE-E OMNI-D R 16/2

Datasheet



SELF-MOVED ELECTRONIC OMNIDIRECTIONAL TRAILER, series SGAE-E OMNI-D R 16/2, operator on ground, for factory material handling on concrete and asphalt flat and levelled floor

TECHNICAL DATA

▪ Working Load Limit:	16 t evenly distributed
▪ Dead weight:	5.400 Kg approx.
▪ Loading platform dimensions:	length 4.000 mm approx. width 2.400 mm approx.
▪ Loading platform height:	min. 650 mm approx. from ground max. 820 mm approx. from ground
▪ Lifting stroke:	170 mm
▪ Ground clearance:	min. 50 mm
▪ Loading platform covering:	steel sheet
▪ N° axle lines:	2
▪ N° steering axle lines:	2
▪ Kind of wheels:	solid rubber
▪ N° wheels:	8
▪ N° driven wheels:	8 (all wheels driven!)
▪ Motors:	AC brushless electric motors
▪ Kind of steering:	omnidirectional – full electric
▪ Speed:	20 m/min with full load
▪ Climbing ability:	2% with full load
▪ Command:	remote controller
▪ Power supply:	lead acid battery
▪ Battery autonomy:	4 km of real operation ca. (50% with full load + 50% without load)
▪ Battery charger supply voltage:	400 V – 50 Hz – 3 f (different on customer request)
▪ Certifications:	2006/42/CE
▪ Documents language:	English

SEE HERE THE TROLLEY'S VIDEO: [OMNIDIRECTIONAL BATTERY TROLLEY WITH LIFTABLE DECK – 16 t](#)

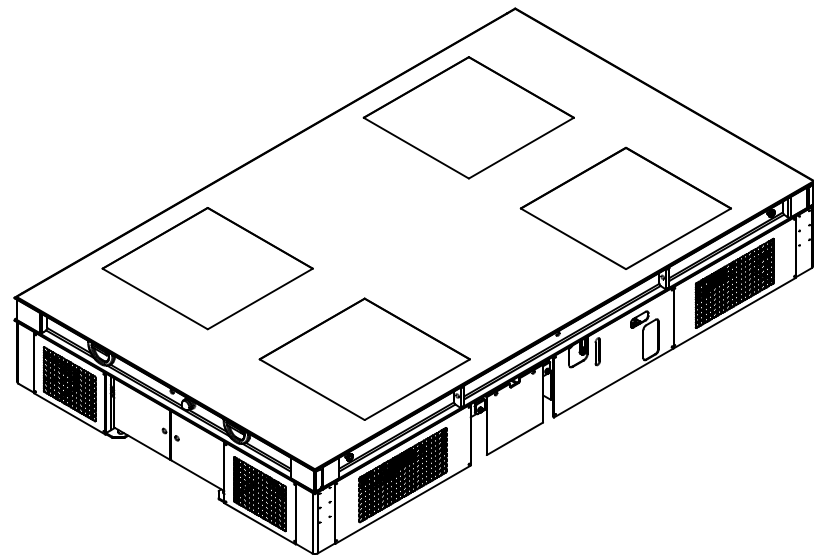
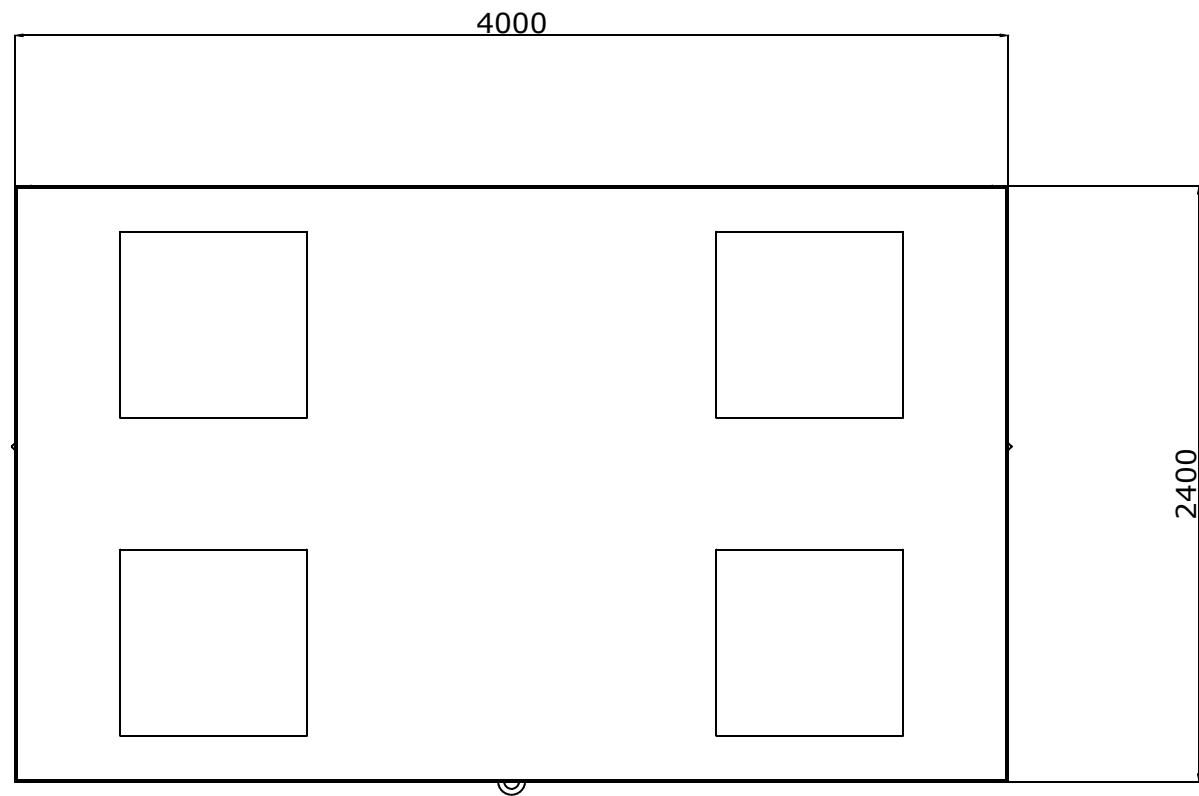
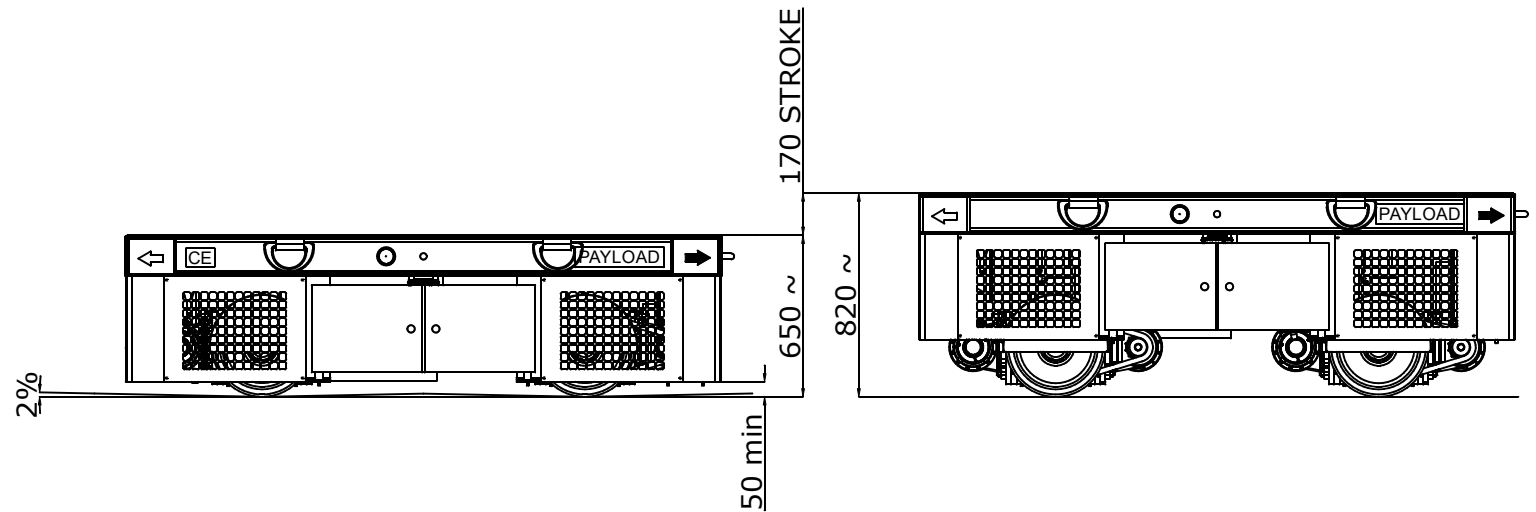
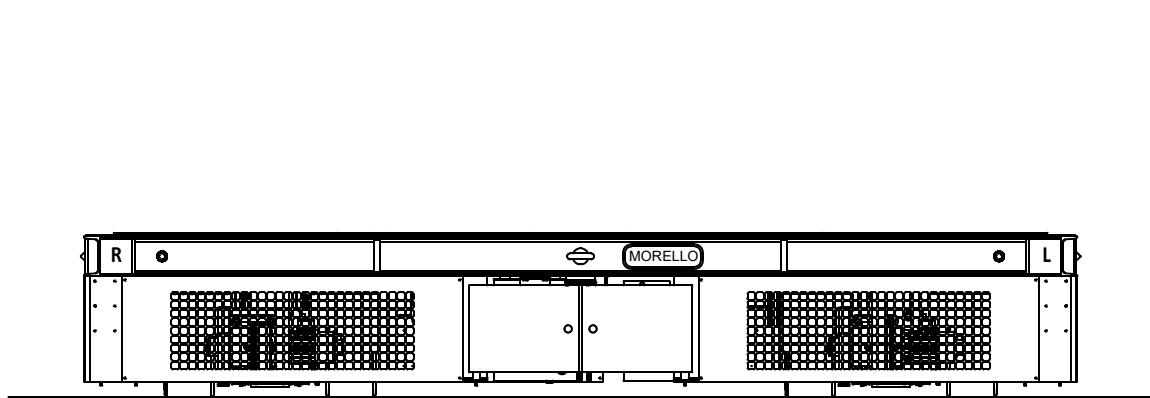
Notes:

All pictures/drawings in this document are for illustrative purpose only

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PROJECT:

SGAE-E OMNI D R 16/2

Payload 16 t

DESCRIPTION:

GENERAL ASSEMBLY DRAWING

CUSTOMER:		ORDER:	OFFER REFERENCE:
REV BY:	DATE:		
CHK BY:	SCALE:		