

RACK-MAMMUT® GUARD RAIL DOUBLE



Questa barriera è stata progettata per un uso interno ed esterno. Grazie al suo design modulare, è espandibile a piacere. Le doppie assi della barriera antiurto proteggono gli edifici, i macchinari e le attrezzature da un intenso traffico veicolare. Questa barriera flessibile e resistente fornisce indicazioni ai conducenti di veicoli e protegge le strutture più importanti assorbendo un alto impatto energetico

PRODUCT SPECIFICATIONS		
Product features	High-performance durable special plastic absorbs any impact energy and returns to its original shape. Extremely low maintenance and repair cost savings on barriers, racking systems and industrial trucks.	
Material	Polyolefin, UV-resistant, fire class HB, non-conductive, impermeable to most chemical products	
Colour	yellow / black	
Base plate	Steel black lacquered	INOX (RVS 304) No lacquer/coating

IMPACT TEST PARAMETERS & VALUES PER PAS 13:2017, Sec. 7.5		
Test conditions	Length:	2000 mm
	Pendulum Mass (kg):	886 kg
	Pendulum Arm Length (m):	2,2 m
	Pendulum Angel (Radius°):	67°
	Pendulum Speed (m/s):	4,9 m/s
	Kinetic Energy	
	90° impact (Joule):	11050 J
45° impact (Joule):	22100 J	
	Deflection (mm):	200 mm

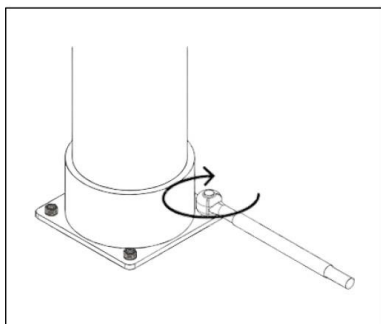
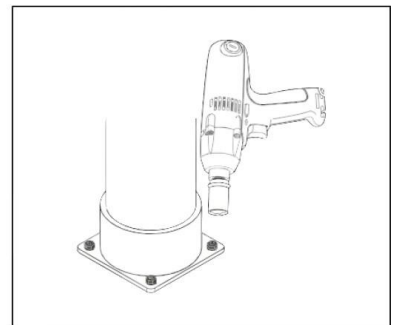
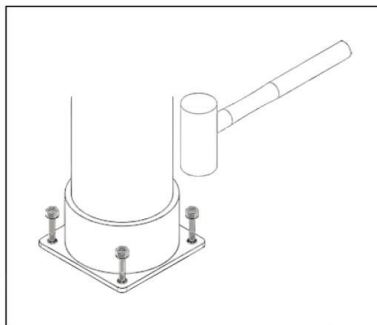
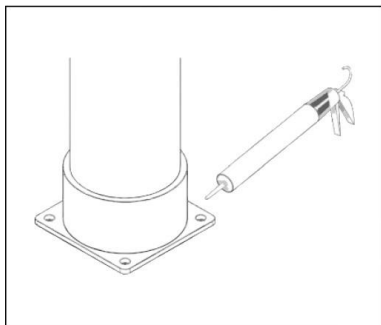
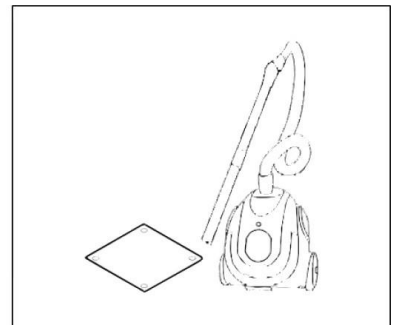
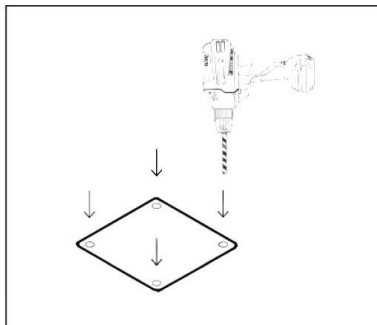
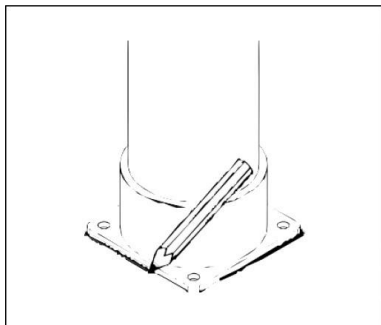
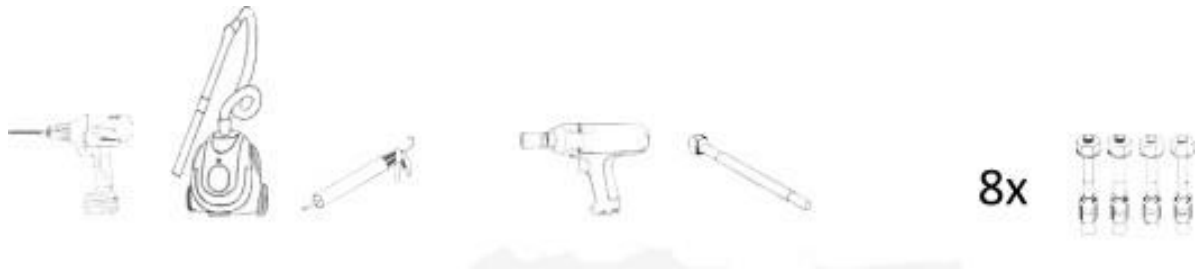
SIZE	
Length / Height	2000 mm / 690 mm
Ø	Ø 140 mm base / Ø 200 mm connecting tube
Base plate (WxLxH)	180 mm x 180 mm x 12 mm

SPEED / KG SAMPLE CALCULATION		
Reference speed	7,5 km/h	For a vehicle with a gross weight of 10200 kg with an impact angle of 45°
Calculation:	$\frac{1}{2} \text{ Mass (kg)} \times \text{Speed}^2 \text{ (m/s)} = \text{Joules}$ (Formula applies for an impact angle of 45°)	

FIXING	
Heavy-duty concrete anchor	L = 110 mm ; Ø = 12 mm ; M12 45 Nm max. tightening torque 19,7 kN min. pull-out force



ISTRUZIONI DI MONTAGGIO GUARD RAIL DOUBLE



DISEGNI TECNICI GUARD RAIL DOUBLE

ESEMPIO ALTEZZA 2000 MM

