



TIRE KILLER

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1. TECHNICAL SPECIFICATIONS

	Origin	National Production (Saudi Arabia)
	Top Plate	12 mm thick Anti-skid Checkered Plate
	Plate Width	600mm (60cm) for maximum roadway coverage
	Spikes (Knives)	170mm (17cm) length, 12 mm thickness, high-tensile steel
	Body Box Depth	300mm (30cm) heavy-duty steel housing
	Operation	Manual/Mechanical Spring-loaded
	Surface Finish	High-friction Traffic Yellow and Traffic Black (45°) diagonal stripes

2. PRODUCT IMAGES



3. TECHNICAL METHOD STATEMENT

3.1 DISMANTLING PHASE (REMOVAL OF OLD UNITS)



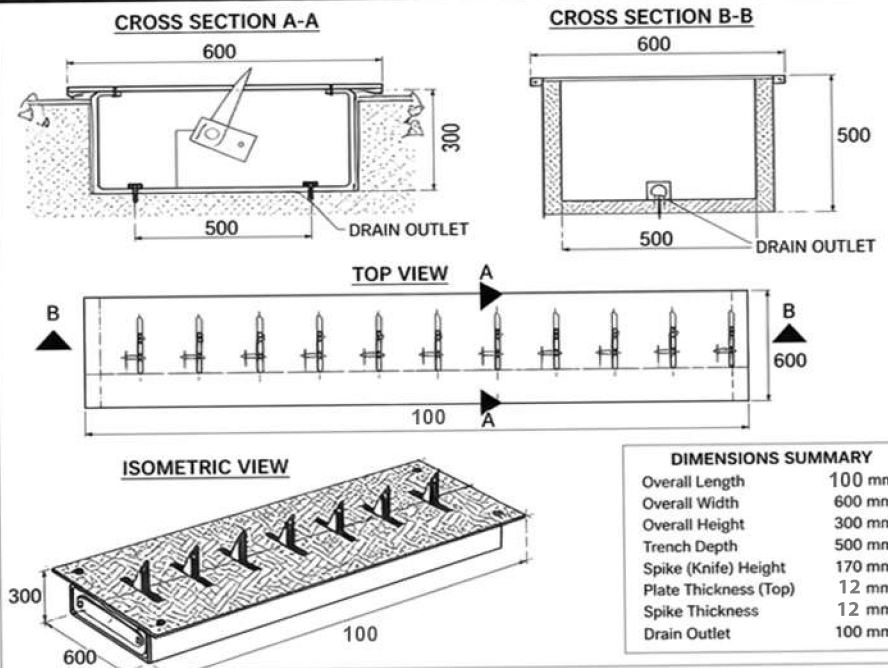
- Saw Cutting:** Use a hydraulic asphalt cutter to make straight, clean cuts around the old unit frames.
- Demolition:** Break the surrounding concrete using jackhammers, ensuring no damage to the adjacent roadway.
- Extraction:** Lift and remove the old structures and debris to an approved dumping site.

3.2 INSTALLATION & CIVIL WORKS



- Excavation & Leveling:** Deepen the trench to 500mm to accommodate the 300mm box plus the concrete base and drainage layer.
- Drainage System:** Connect the unit's drain outlet to a dedicated manhole to prevent water accumulation and rust of internal springs.
- Fixation:** Secure the unit using heavy-duty anchor bolts and cast R.C.C. Concrete.
- Flush Alignment:** Ensure the top checkered plate is perfectly flush (Zero Level) with the final asphalt surface.

4. ENGINEERING DRAWINGS & DIMENSIONS (MM)



5. COATING & FINISHING (AS PER IMAGE REQUIREMENTS)



Surface Preparation

Sandblast the steel surfaces to remove impurities before applying the protective layers.



Primer Coat

Apply a high-quality Zinc-Rich Epoxy primer for anti-corrosion protection.



Safety Stripes

Apply high-friction Traffic Yellow and Traffic Black diagonal stripes (45° angle) on the 60cm top plate.



Paint Quality

Use UV-resistant Polyurethane or heavy-duty Road Marking paint to withstand constant tire friction.

Color Specification



Traffic Yellow
(RAL 1023)



Traffic Black
(RAL 9017)