

CRASH RATED TYRE KILLER – D100

Swaraj Secutech's tyre killer is a Third Generation tyre killer whose unique design combines a Fail-Safe Puncture tool and a metallurgy of hardened carbon steel which deflates even third generation run flat tyres (tube-less) effortlessly.

The Spikes have been designed to ensure that tyres of intruding vehicles are punctured irrespective of the direction of approach. It has been crash tested at Horiba, MIRA, U.K. wherein all 6 tyres of a 7.2-ton truck were deflated instantaneously.

Special care is taken to ensure that the design encompasses the provision of drainage so that accumulated dirt and water can drain out instead of blocking the tyre killer mechanism. Inbuilt hydraulic hand pump gives the flexibility to use the device manually incase of power failure and secure the entrance.

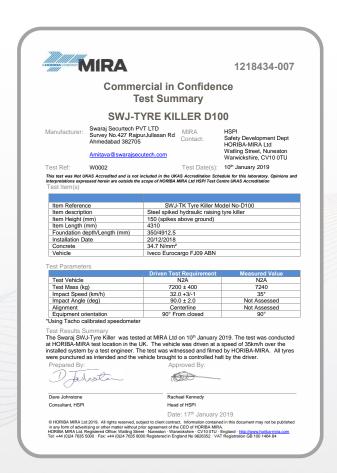
Crash test pictures at MIRA, UK



PRE-TEST



POST-TEST
All tyres deflated immediately





SPECIFICATION

MODEL NAME/NUMBER	D100H (HYDRAULIC)/D100M (ELECTRO-MECHANICAL)
SYSTEM TYPE	ACTIVE 2-WAY SPIKES
MECHANISM	ELECTRO-HYDRAULIC/ELECTRO-MECHANICAL
SPEED	3 SECOND (CUSTOMIZABLE)
HEIGHT OF SPIKE ABOVE GROUND	150 MM – 200 MM (CUSTOMIZABLE)
DISTANCE BETWEEN SPIKES	100 MM
BLOCKING ANGLE	90 DEGREE OR 60 DEGREE (CUSTOMIZABLE)
HOUSING	GALVANIZED MILD STEEL BODY WITH RAL COATING
SPIKE MATERIAL	HIGH TENSILE CARBON STEEL
VEHICLE LOAD	50 TON
SAFETY DEVICES	SAFETY AGAINST VEHICLE: LOOP DETECTOR SAFETY AGAINST HUMAN: PHOTO SENSOR
IP RATING	IP 66 (CUSTOMIZABLE)
MTBF	10 MILLION OPERATIONS
POWER SUPPLY	230 VAC, 50 Hz/415 VAC 50 Hz
DUTY CYCLE	100%
OPRATIVE MODES	PUSH BUTTON, ACCESS CONTROL, REMOTE CONTROL
OPERATING TEMPERATURE	-20 DEG CELSIUS TO +70 DEG CELSIUS
POWER FAILURE MODE	MANUAL OPRATION AVAILABLE
CERTIFICATIONS	CRASH REPORT FROM HORIBA MIRA, UK; ISO 9001 : 2015 ; CE

"PROUDLY MADE IN INDIA"