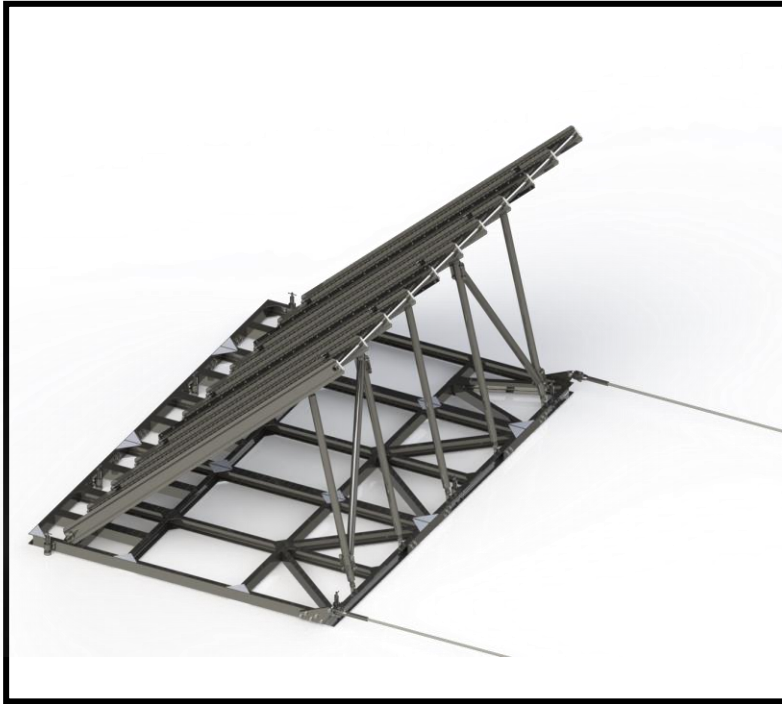


Universal Ground Run Blast Deflector

Part Number: NMD.GRD.01.00.00



TECHNICAL SPECIFICATION	
Maximum Operating load developed by the engine thrust	360 KN (36000 Kgf)
Space Covered by the blast Fence	Height: 3500±20 mm
	Width: 5500±30 mm
Blast fence tilt angle relative to the Horizon	43±1 deg.
Overall Packaging dimensions	Length: 4500+50 mm
	Width: 2300+30 mm
	Height: 1200+30 mm
Weight	3650±100 Kg (Approx.)
Wire Rope Details	Type-1:- 2 qty Wire Rope slings with socketed terminals; 32-mm dia Wire rope X 18-Mtrs. Long, Load tested to its proof load of 36 Ton
	Type 2:- 2 qty Wire Rope slings with socketed terminals; 24-mm dia Wire rope X 20-Mtrs. Long, Load tested to its proof load of 14 Ton

A Universal Ground Run blast deflector (UGRBD) is a safety device that redirects the high energy exhaust from a jet engine to prevent damage and injury. The structure must be strong enough to withstand heat and high-speed air streams as well as dust and debris carried by the turbulent air.

Universal Ground Run Blast Deflector can be combined with sound-deadening walls to form a ground run-up enclosure within which a jet aircraft engine can safely and more quietly be tested at full thrust

Facilities equipped with Universal Ground Run Blast Deflector may be used for the objects featuring the following characteristics:

Characteristic	Specification
Number of engines	1 or 2 engines
Maximum height from the ground to the engine axis	2200 mm
Maximum spacing between the engines as viewed in the plan view	2600 mm
Distance between the attachment fittings on the landing gear	1200 to 4400 mm
Height of the attachment fitting from the ground to its location on the landing gear strut	Up to 1000 mm
Distance from the main landing gear to the exhaust nozzle exit of the engines	4200 to 7700 mm
Tilt angle of the engines relative to the horizon	1 to 3.5°

