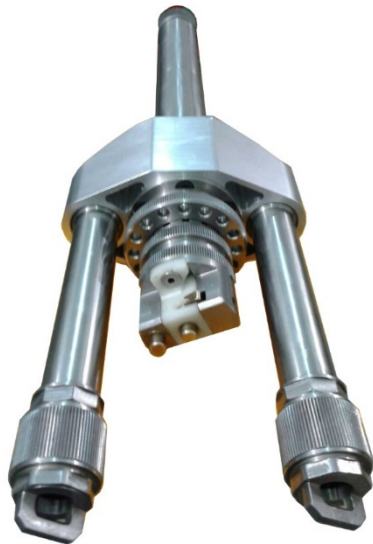


EAD-20S Recoilless De-Armour Disruptor



EAD-20S is a recoilless Disruptor designed for disrupting the IEDs with a high probability of avoiding detonation. It answers for requirement of a medium powered and accurate disruptor. The disruptor can be employed with a multitude of support arrangements like its stand or on a EOD robot mount. The disruptor design pays special attention to simplicity safety and speed. Recoilless operation is achieved by ejecting water load rearward at the same time as the forward load.

EAD-20S, can also be utilized to fire steel slugs/ forks. This provides IED technicians flexibility to attack IEDs areas which cannot be penetrated with water-jet. The equipment can also be utilized to work as EOD De-armor.



EAD-20S breacher has a safety pin to keep the terminals short and cartridge is connected just when it has been deployed. This enables a bomb technician to set up the disruptor at the incident control point and spending minimum time at IED

EAD-20S is ideally suited for installation on EOD Robots due its recoilless feature. An adapter can be provided for installation of the disruptor on the robot if the mounting details of the robot are provided.



| Item | Specifications | Item | Specifications |
|---------------------------------------|---|---|----------------|
| Length assembled | 525 mm | Width (with Recoil Body) | 150 mm |
| Water qty to be filled | 210 cc | Bore diameter | 20 mm |
| Danger area forward | 140 m | Danger area rear | 30 m |
| Minimum height with stand | 0.5 meters | Weight with stand | 8.5 kg |
| Cartridge types options | 0.5 inch or 20 mm | Weight | 4.9 kg |
| Maximum attack height | 1.3 meters (stand reaches height 1.1 meters) | Recoil system | 98% recoilless |
| Disruptor movement on stand (azimuth) | 360° | Disruptor movement on stand (elevation) | 180° |
| Standard accessories | Packing & carrying box, Tripod stand, Removable Cleaning Brush, Push rod, Spanner Tube, Dual pin wrench, Water bottle, Allen key, Recoil sleeve head, Recoil sleeve. | | |
| Optional Accessories | Tough polypropylene case, Laser aiming head, Laser camera, Robot Mount, Accessories to make De-armour- Thread protector, Steel Slug (A)/Steel chisel, Steel Slug (B)/ Steel blunt, Steel Slug (C) or Cutting Fork, Loading sleeve, Special slugs can be made on customer's requirement. | | |
| Ignition voltage | Works with commercial exploders/ blasting machines. | | |
| Composition | Specially treated Stainless Steel alloy and Aluminum alloy recoil body. | | |