

### Specifications of TAARAN Patient Transfer System (Motolance-S)

Item Code	TN-PTS (Moto-S)
Name of item	Taaran Patient Transfer System (Motolance – Stretcher Type)
Category	Emergency Medical Care at Point of Care & Evacuation
Device	Stretcher enabled Patient Convener System on Motor Bike
Range of Cubic Capacity of 2/3 Wheeler	300 -650 CC
Multi-Terrain Capable Vehicle Platform	Yes
Stretcher Size & Specification	Standard, Aluminium Alloy, Foldable, compatible for Auto-loading & Foam encapsulated Leatherite bed
Auto-Loaded Enabled System	Yes
System provisioned for Driver to monitor vital signs of patient while driving (Third Eye)	Yes, Third Eye Compliant Technology
DRDO's Ultraswachh- Tapas Aasan enabled Stretcher Overlay	Yes
DRDO's Ultraswachh Tech- Anti-Microbial Coating (sustainable for 90 days)	Yes
Taaran Enabled Patient Isolation System (DRDO's Ultraswachh Technology)	Yes, Contaminated Environment Compatible
Material for Base Platform	MS Powder Coated
Material for Structure(s)	Aluminum Alloy or Equivalent
Patient Convener System- Type	Wing-styled boat shaped Patient Convener Systems
Climate Shield Technology enabled PCS	Yes
DRDO's Ultraswachh Tech- Vayu Swachh enabled PCS	Yes (optional)
Minimum Weight of Portable Oxygen Support with all accessories	5 Kg
DRDO's Ultraswachh Tech-Ucchvasita Oxygen Concentrator enabled PCS for Continuous Oxygen Support	Yes (optional)
Telemedicine compatibility with Real-Time Monitoring & Emergency Care	Yes
Minimum Vital Signs Monitoring	5- channel

Ease of Operation	Single attendant can transport the patient, able to auto-load the patient.
Immobilization Safety Belt / Harness for Safe Patient Transfer	Yes
Number of Medical Box with trauma care devices	01 piece per Motolance
Public Announcement and Emergency Siren System	Yes
Person Carrying Capacity	01 (morbid state/ old not able to walk on their own)
Resuscitation Mask	01 Piece provided with unit.
Global Positioning System (Track and Trace) Enabled Motolance	Yes
Number of DRDO's Multi-Use Personal Protective Equipment (Protecton) for Paramedical & Assistance (with minimum 30 wash compatibility for infectious environment)	Yes, 02 in number (optional)
Power Back (Inventory Battery with DC-AC convertor)	1.5 KVA re-chargeable unit for Emergency Care System Support
Production Facility Certification	ISO 9001: 2015; ISO 13485: 2016; WHO: GMP and QCI Approved Manufacturing Facility
Warranty Period	01 year applicable from Date of Delivery (T&C applied as per Manufacturing Warranty Agreement)
Applications	Emergency Care at Site, Transfer of Patient from site of incidence to definitive health care (in normal as well as contaminated scenario), Fast evacuation with capable to maneuver from remote, inaccessible & crowded locations; Trauma & other emergency care for saving lives within golden hour.