



OXYGEN CHARGING AND DISTRIBUTION VEHICLE UGSSO2



UGSS-O₂ is used as Oxygen charger for charging the Oxygen bottles of the SU-30MKI aircraft. It consists of **TWO MAJOR UNITS** as follows:

1. Main Oxygen Charging Vehicle (Tata Truck with special Canopy housing the Oxygen Storage SKID, Oxygen Gas Boosters SKID with two Oxygen gas boosters & Oxygen Distribution Panel).
2. Engine Driven Towable Compressor Trolley to drive the Oxygen Boosters on the Main Oxygen Charging Vehicle.

Key Features: Internal Oxygen Boosting (Between Storage Oxygen Cylinders), Oxygen Purity Panel to automatically stop Oxygen Booster in case Oxygen gas is not pure.

S. No.	Specification	Parameter
1	Max Oxygen Pressure	up to 335 Kg/cm ² (~4500 PSI)
2	Outlet Pressure Available	1- 1 to 5.5Kg/cm ² , 2- 150 to 230Kg/cm ² . 3- 230 to 350Kg/cm ² , 4- 350Kg/cm ² .
3	No. of Oxygen Storage Cylinders	12 Nos. Water capacity of each cylinder- 40 Liters