ST-9S+
Arc Fusion Splicer

Innovative Products & Solutions

IoT

*World's 1st GPS-GNSS-IoT enabled Arc Fusion Splicer with Geo-Tracking, Remote Security, Power Monitoring and Control

500

Long life Li-ion battery for 500 splice and heat cycles, Longest power autonomy in contemporary

Accurate
Reliable
Innovative
Secured
Economic

5 inch WVGA

Metal-built, Sensor & Gear-less design, Long Life, Dust, Water & Shock resistant, IP52 Certified

High resolution display with touch screen & stand-alone keypad based user interface

Accurate Core to Core Alignment Arc Fusion Splicer

*Patent filed, Make in India, Made for India, Contact 98114-86186, 97114-86186 for more information

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Arc Fusion Splicer

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Features

* 6-Motors Accurate Core to Core Alignment System
* GPS-GNSS & IoT enabled Geo-Tracking & Power Control
* 5” High Resolution Display with Touch Panel
* Largest Battery, 500 Splice & Heat cycles
* Best Optical System, 400X Magnification & 750X Zoom
* Auto Fiber Types Identification & High Accuracy
* Fastest, 6 Seconds Splice & 18 Seconds Heat Time
* Touch Panel & Direct Keypad, Dual Operation
* Dust, Water, Shock/Vibration Resistant, IP52 Certified
* Light Weight, Compact & User Friendly
* Industrial Quad-Core CPU with 30% Power Saving
* Automatic & Real-time ARC Calibration
* Sensor & Gear-Less Design for Long Life
* Strongest Built Quality, Metallic Core Assembly

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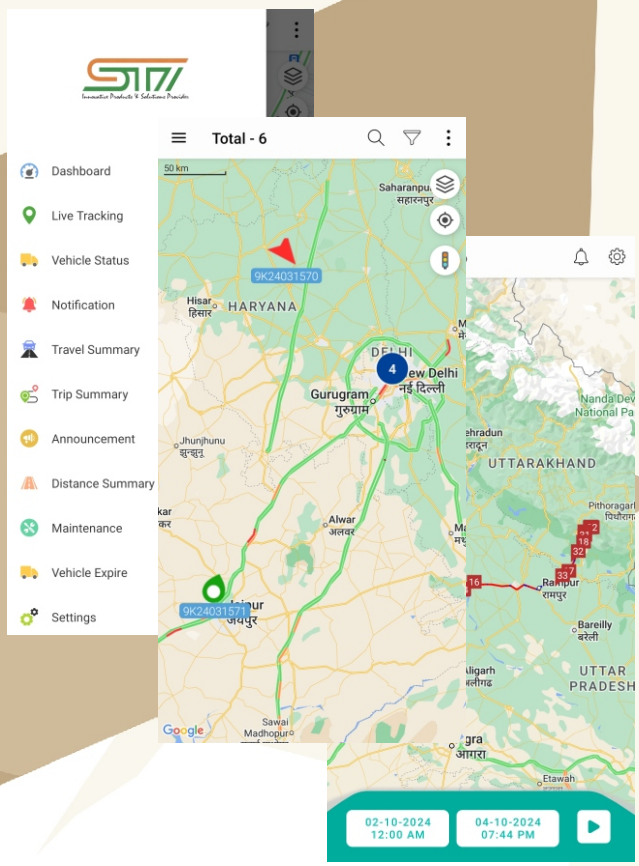

World’s 1st GPS-GNSS and IOT Enabled Arc Fusion Splicer with Geo-Tracking, Remote Security, Power Monitoring and Control

Accurate Core to Core Alignment Arc Fusion Splicer

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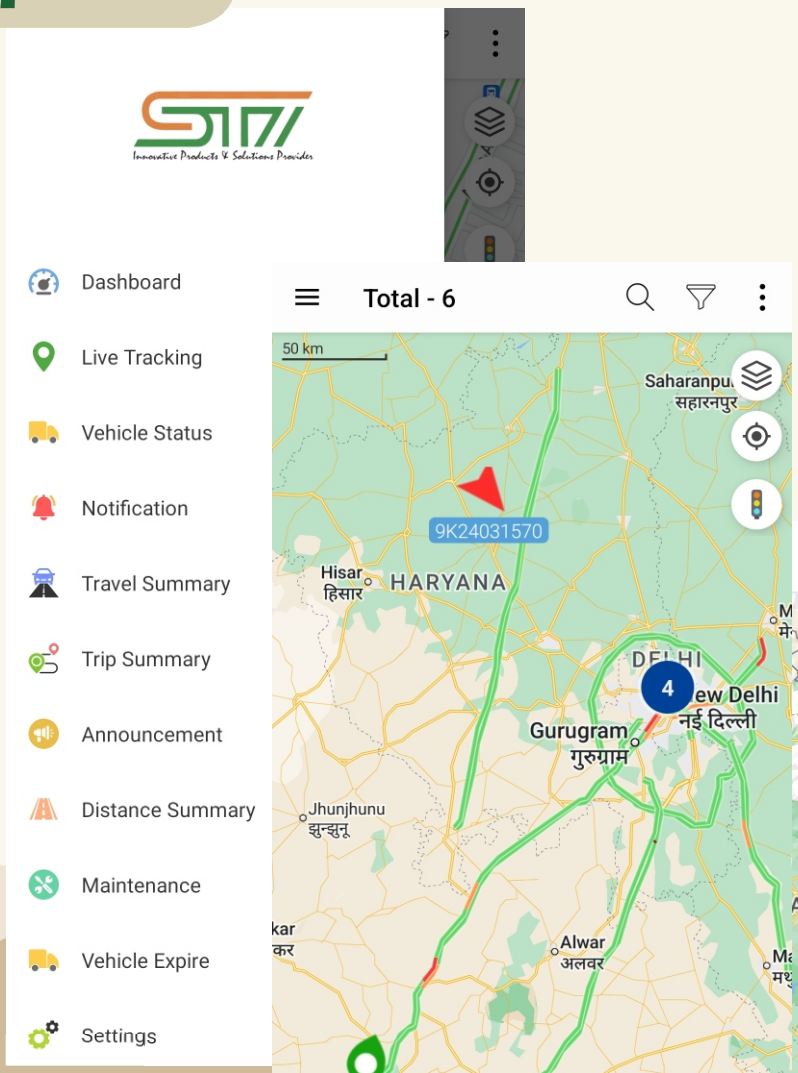
GPS-GNSS-IOT & Remote Features

* Live-Tracking
* Static-Tracking
* Movement Tracker
* Productivity Tracker
* Maintenance Tracker
* Power Status
* Power Monitoring
* Power Control
* Access Control



Accurate Core to Core Alignment Arc Fusion Splicer

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Accurate Core to Core Alignment Arc Fusion Splicer

Specifications	
Alignment Method	6-Motors Core to Core Alignment (PAS)
GPS-GNSS & IoT	Static & Live Geo-Tracking, Power Status Update & Power Control
Applicable Fiber	SMF(G.652/G.657), MMF(G.651), DSF(G.653), NZDSF(G.655)
Cladding Diameter	80~150um
Coating Diameter	160~3000um
Cleaved Length	5~16mm (Coating diameter<250um), 16mm(Coating diameter>250um)
Typical Splice Loss	SMF: 0.02dB, MMF: 0.01dB, DSF: 0.04dB, NZDSF: 0.04dB
Return Loss	>>60dB
Splice Mode	40 Modes
Operation Mode	Manual / Auto
Auto Heating	Available
Splicing Time	6~12 Seconds
Heating Time	18~26 Seconds for 60mm & 40mm Splice Protection Sleeves
Fiber Magnification	400X (X or Y View), 200X (X and Y View), 750X Splice Zoom
Viewing Display	Dual High Sensitivity Camera, 5” HD Color LCD Touch Screen
Data Storage	20000 Fusion Records, 100 Fusion Images
Loss Evaluation	Accurate Loss Estimation using Fiber Core Image & Data Evaluation
Tension Test	1.8~2.25N
Operation Interface	GUI Menu for Easy Operation with Direct Keys or Touch Screen
Battery Capacity	6800mAh, 500 Cycles Splicing & Heating, Charging Time: 3~4 Hours
Power Supply	Adapter, Input: AC100~240V(50/60Hz), Output: DC11~13.5V
Electrodes Life	5000 ARC Discharges, Easy to Replace
External Interface	USB 2.0 Port for Software Upgrading & Splice Results Transfer
Operating Conditions	Temperature: -10’C ~ +50’C, Humidity: 0 ~ 95%
	Altitude: 0 ~ 5000m, Wind: Max. 15m/s
Weight / Size	2.37kg(With battery) / 155mm(L) * 144mm(W) * 155mm(H)

*Specifications are subject to change without prior notice

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