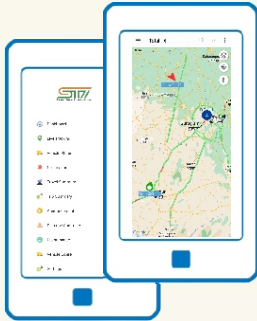


ST-12R+

Arc Fusion Splicer

STI
Innovative Products & Solutions



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



Long life Li-ion battery for 250 splice and heat cycles, Longest power autonomy in contemporary



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



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

**Accurate
Reliable
Innovative
Secured
Economic**

Advanced & Accurate Ribbon Fiber Arc Fusion Splicer

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

ST-12R+

Arc Fusion Splicer

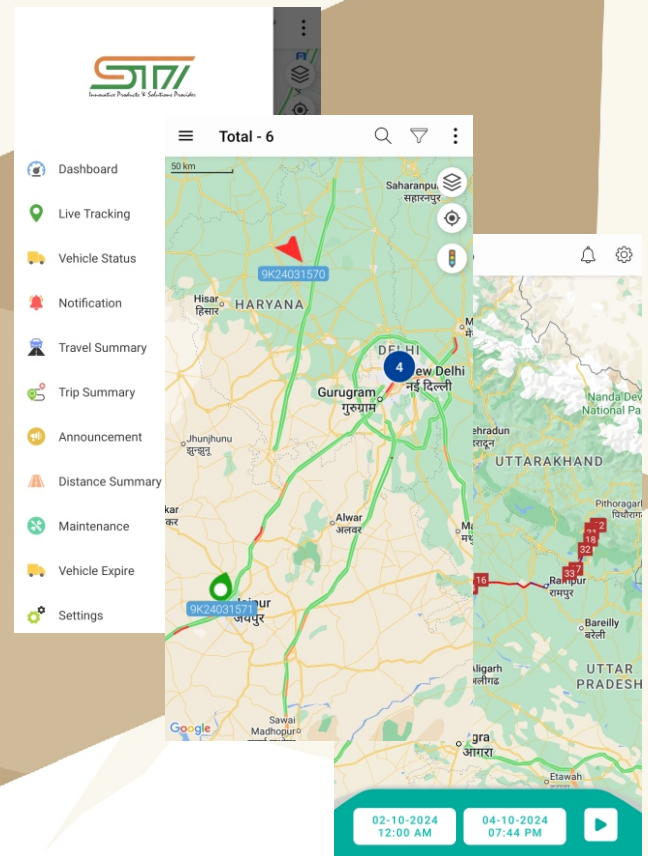


Features

- * Applicable up to 12 fiber ribbon splicing
- * GPS-GNSS & IoT enabled Geo-Tracking & Power Control
- * 5" High Resolution Display with Touch Panel
- * Largest Battery, 250 Splice & Heat cycles
- * High Performance & Quality X-18 Thermal Fiber Stripper
- * Single Action Automatic Fast & Reliable Fiber Cleaver
- * Fast, 20 Seconds Splice & 26 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
- * Strongest Built Quality, Metallic Core Assembly



**Accurate
Reliable
Innovative
Secured
Economic**



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

Advanced & Accurate Ribbon Fiber Arc Fusion Splicer

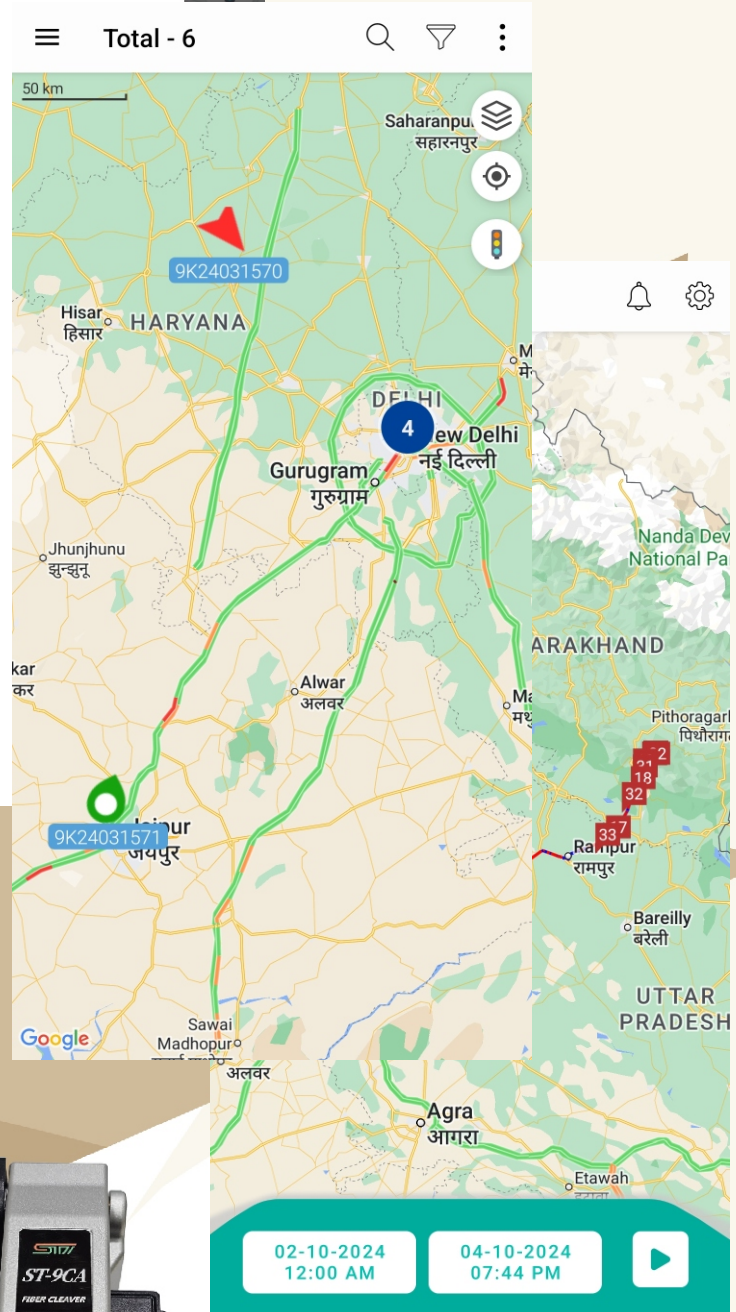
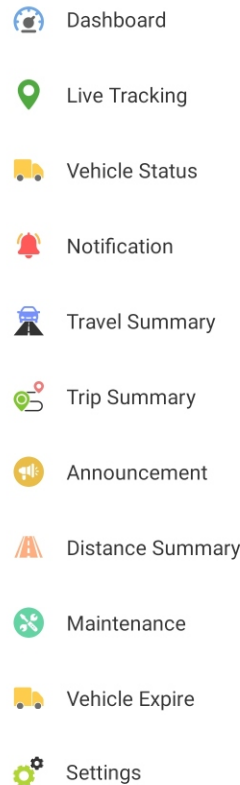
ST-12R+

Arc Fusion Splicer

ST77
Innovative Products & Solutions

GPS-GNSS-IOT & Remote Features

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



Advanced & Accurate Ribbon Fiber Arc Fusion Splicer

ST-12R+

Arc Fusion Splicer

Swaminarayan Technologies India

Office: 603, Ansal Chamber-II, 6, Bhikaji Cama Place, New Delhi-110066

Phone: +91-11-40563575, E-mail: stechnologies.in@gmail.com

Mobile: +91-9811486186, +91-9711486186, +91-8595134439

Web: www.swaminarayantechnologies.com

Service Centre: R-5 & 6, Ansal Chamber-II, 6, Bhikaji Cama Place
New Delhi - 110066

Advanced & Accurate Ribbon Fiber Arc Fusion Splicer

Specifications	
Alignment Method	Fixed V-Groove & Motorized Clamp based Clad Alignment
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	125μm
Coating Diameter	Ribbon: 250~400μm / Single: 250~900μm
Cleaved Length	10~16mm
Typical Splice Loss	SMF: 0.05dB, MMF: 0.02dB, DSF: 0.08dB, NZDSF: 0.08dB
Fiber Count	1, 2, 4, 6, 8, 10, 12
Splice Mode	40 Modes
Operation Mode	Manual / Auto
Auto Heating	Available
Splicing Time	Typical 20 Seconds
Heating Time	Typical 26 Seconds
Fiber Magnification	25X
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, 250 Cycles Splicing & Heating, Charging Time: 3~4 Hours
Power Supply	Adapter, Input: AC100~240V(50/60Hz), Output: DC11~13.5V
Electrodes Life	3000 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)

Package



Fusion Splicer



Fiber Cleaver



Thermal Stripper



Fiber Holder R-12



Power Plug



Power Adapter



Strap



Spare Electrodes



User Manual



Cooling Tray



Cleaning Brush



Carrying Case