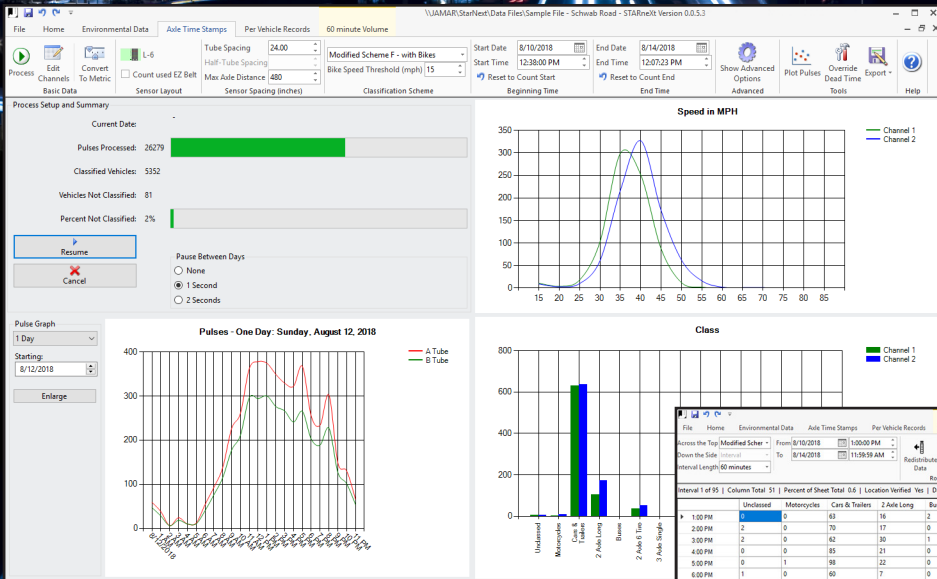


STARneXt



JAMAR Software for Traffic Data Analysis & Reporting



JAMAR
Technologies, Inc.

Making Data Collection Easier

STARnext

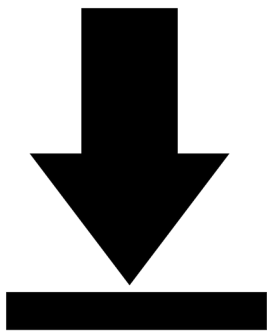
A traffic data recorder is only as good as the software used to process and analyze its data.

STARnext is the next generation of software from JAMAR for traffic analysis and reporting. This program is the culmination of years of research into the needs of people like yourself who want to be able to analyze traffic data in an easy manner, without sacrificing powerful capabilities.

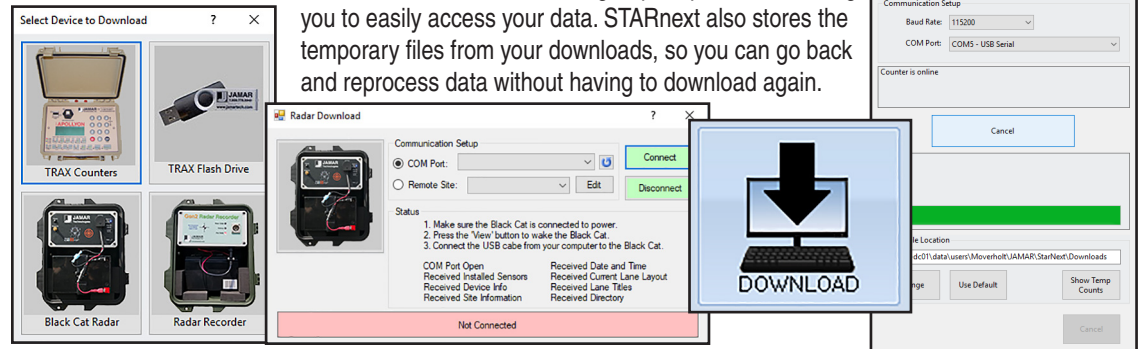
STARnext provides the many options and features our customers demand, while retaining the user friendliness for which JAMAR has come to be known. Features in STARnext include data integrity verification, data accuracy verification, count location verification, file mapping interface, multiple wizard interfaces, multiple automatic processing routines, and more.

From fast downloading of your equipment, to processing and analyzing data, to producing reports and graphs, STARnext will save you time and money by making your job easier.

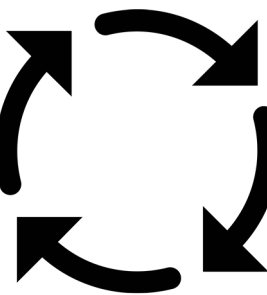
Download



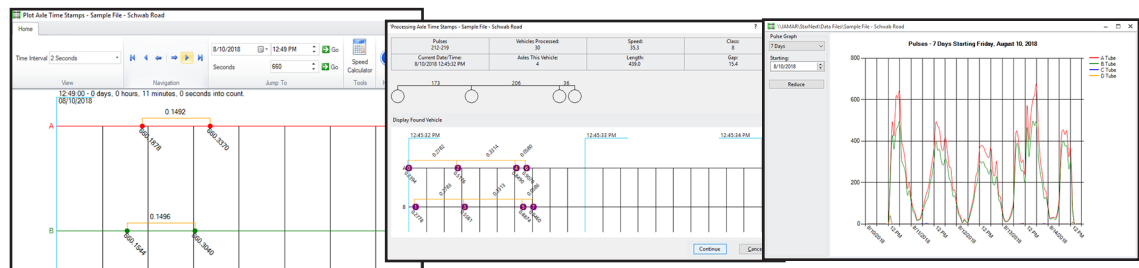
STARnext will download data from the TRAX line of road tube counters as well as JAMAR's radar data recorders. STARnext makes downloading a quick process, allowing you to easily access your data. STARnext also stores the temporary files from your downloads, so you can go back and reprocess data without having to download again.



Process



TRAX data recorders will time stamp every axle that was recorded during a traffic study. Data that has been collected in this style can be formatted in a multitude of ways providing unparalleled flexibility in data analysis. With time stamped data, you can process your data with different layouts, or correct any settings that may have been used incorrectly in the field. You can also check the integrity of your data collection with several different views.



Analyze



Once the time stamps of the basic data have been processed into actual vehicles, a vehicle table for the study is created. This table contains detailed information on every vehicle that was recorded, including time, lane, speed, classification, gap & following distance from previous vehicle, and axle spacing. When working with the Per Vehicle table, STARnext allows you to select specific parameters for deciding how to process the data, including what schemes to use. You also have the ability to filter out vehicles based on specific characteristics.

Class Averages

?

×

Class	Volume	Avg. Speed	Avg. Wheelbase	Avg. Gap
Unprocessed	120	6.1	42.0	35.0
1 - Motorcycles	27	43.4	40.3	62.0
2 - Cars & Trailers	6373	40.3	40.3	260.3
3 - 2 Axle Long	1636	41.0		
4 - Buses	49	36.3		
5 - 2 Axle 6 Time	616	41.0		
6 - 3 Axle Single	139	34.8		
7 - 4 Axle Single	2	31.1		
8 - 5 Axle Double	54	36.3		
9 - 5 Axle Double	33	33.8		
10 - 6 Axle Double	1	29.4		
11 - 6 Axle Multi	0			
12 - 6 Axle Multi	0			
13 - 6 Axle Multi	1	31.3		
14 - Bicycles	70	16.8	45.5	59.2

Show

1000

vehicles starting with vehicle

1

#	Time	Channel	Speed (MPH)	Class	Class Spec	Gap	Headway	Follow Dist. (Inches)	Length (Inches)
1	8/10/2018 12:40:22 PM	1	36.0	3		4	142.6	142.6	90314.7
2	8/10/2018 12:40:37 PM	1	41.0	2		3	14.8	15.1	10663.2
	8/10/2018 12:43:45 PM						24.2	24.4	13957.0
							210.5	210.5	164010.0
							5.0	5.2	3828.5
							38.5	38.8	0.0
							1.3	1.3	0.0
							16.2	16.4	11888.3
							6.6	6.8	4752.0
							17.3	17.6	10353.1
							2.7	2.9	1810.7
							35.5	35.7	23096.6
							22.6	22.8	13796.1
							3	3.9	4.2
							3	6.8	7.0

Calculate Peaks

Combined

Channel 1, A to B

Channel 2, B to A

Date (MM/DD/YYYY)

AM Peak Time

AM Volume

Largest 15 Minute Interval Time

Largest 15 Minute Interval Volume

AM Peak Hour Factor

PM Peak Time

PM Volume

Largest 15 Minute Interval Time

Largest 15 Minute Interval Volume

PM Peak Hour Factor

8/10/2018

No AM data...

1051 - 1150

148

1108 - 1122

40

0.825

1208 - 01:07

205

1223 - 1237

 61 | 0.840 || 8/10/2018 | 1051 - 1150 | 145 | 1133 - 1147 | 43 | 0.843 | 01:14 - 03:13 | 152 | 01:19 - 01:53 | 44 | 0.864 |
8/13/2018	07:28 - 08:19	191	07:48 - 08:02	61	0.783	04:28 - 05:27	250	04:33 - 04:46	73	0.856
8/14/2018	07:11 - 08:10	201	07:40 - 07:54	61	0.824	12:00 - 12:59	32	12:00 - 12:14	32	0.239
	06:0	12.0								
	1	313								
14 - Bicycles	70	16.8	49.5	59.2						

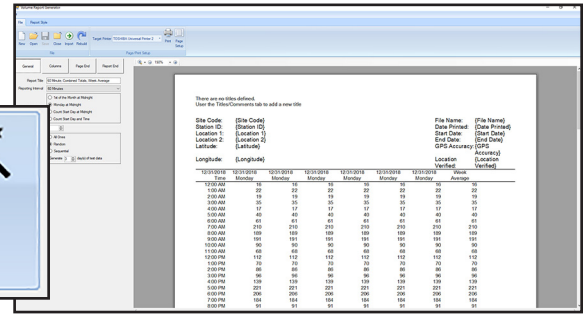
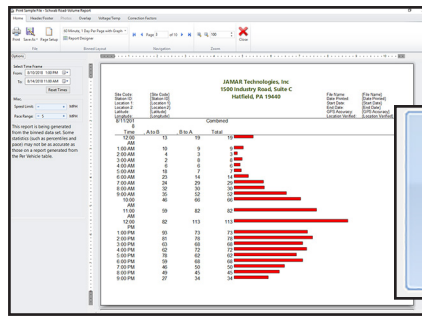
14

8/10/2018 12:43:22 PM 2 | 38.8 | 2 | | 3 | 3.9 | 4.2 | 2663.3 || 15 | 8/10/2018 12:43:29 PM | 2 | 40.1 | 2 | | 3 | 6.8 | 7.0 | 4768.9 |

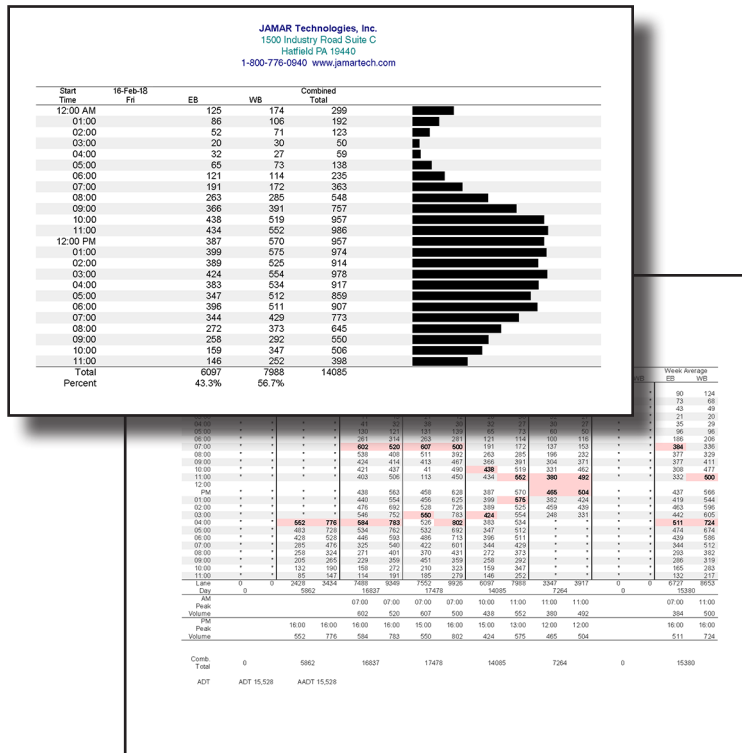
Report



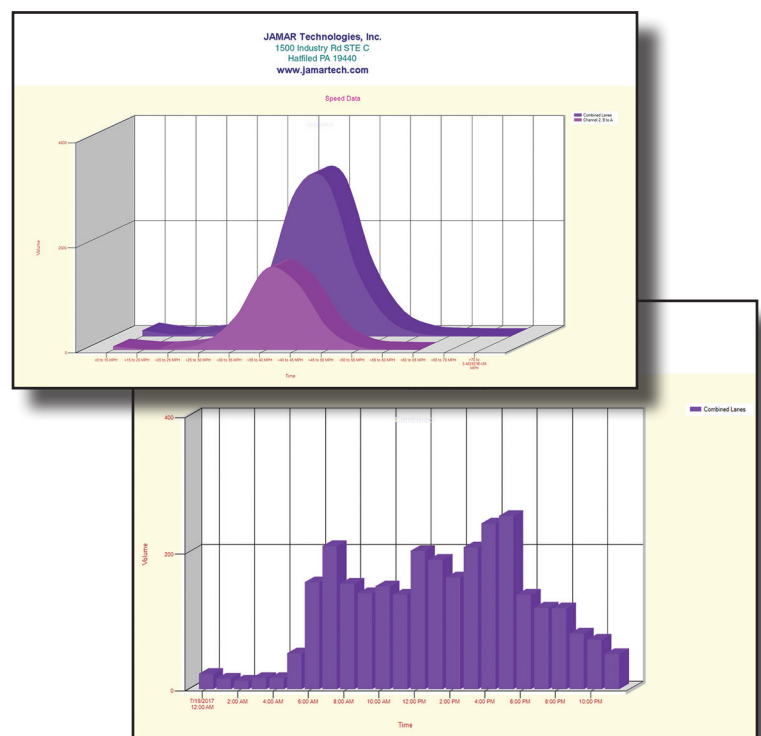
Once you have fully processed and analyzed your data, you are ready to produce reports and graphs. STARnext comes preloaded with a wide variety of report options, and the Report Designer feature lets you do even more customizing. You can pick specific dates and times for the report, decide what location information to include, select from a variety of report titles and more.



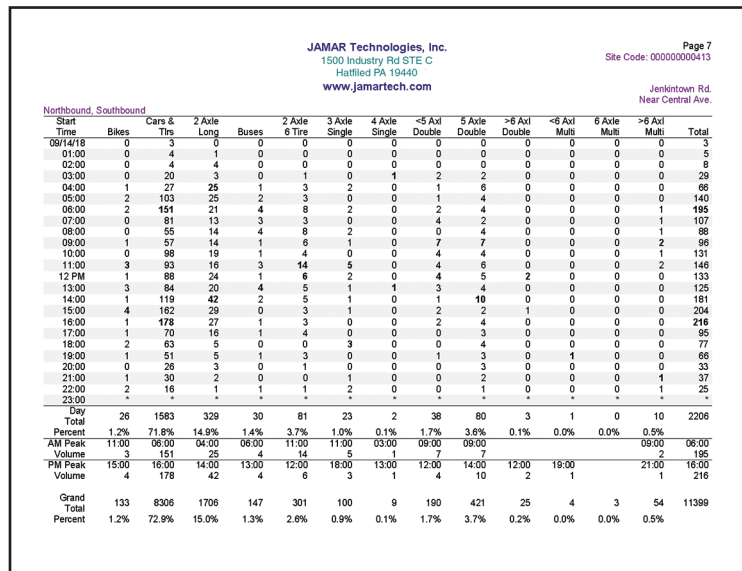
• Volume Reports



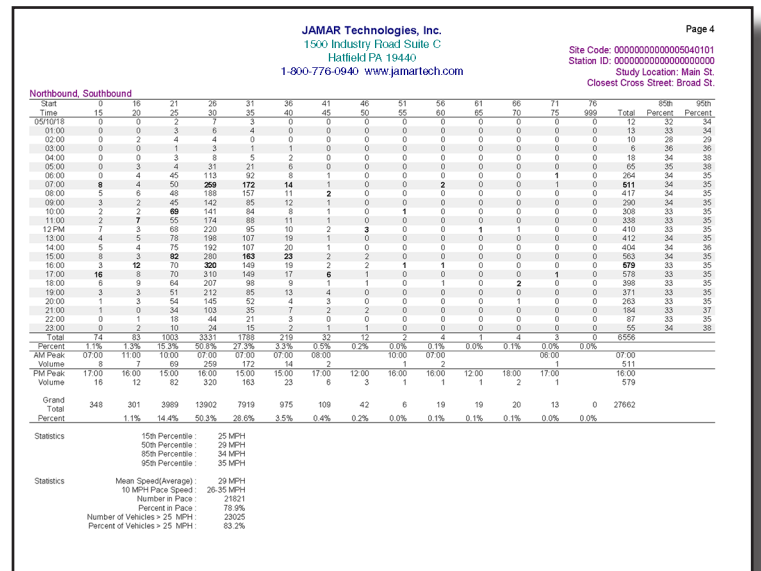
• Graphs



• Class Reports



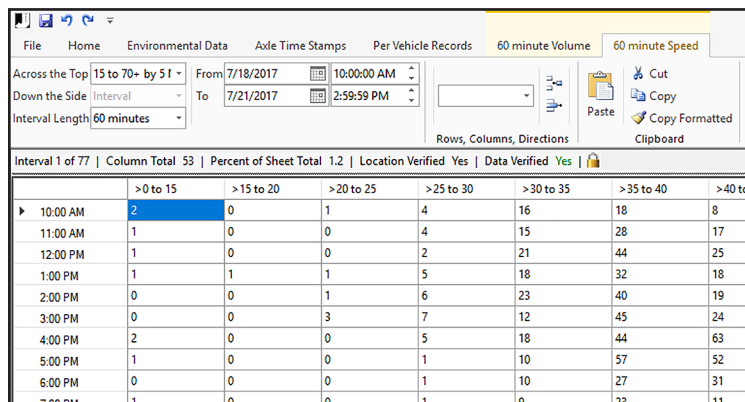
• Speed Reports



What's New in STARnext

• All Data Formats Contained in One File

STARnext brings all the possible data formats of tube and radar counters under one file, which means one file can contain your axle time stamp data, your per vehicle records, and all the binned data you would like, including class, speed, gap and volume.

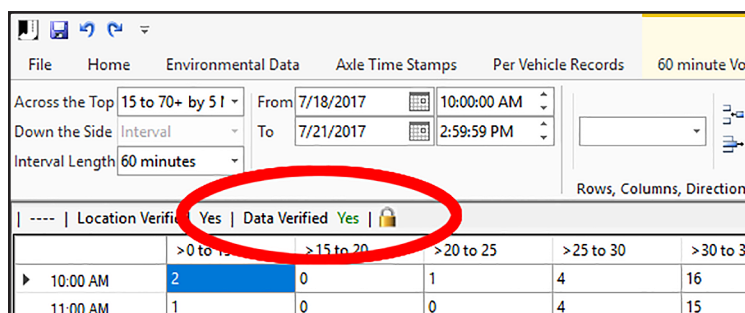


The screenshot shows the STARnext software interface with various tabs: File, Home, Environmental Data, Axle Time Stamps, Per Vehicle Records, 60 minute Volume, and 60 minute Speed. The '60 minute Volume' tab is active, displaying a data table with columns for time intervals and counts. The table shows data for intervals from 10:00 AM to 7:00 PM, with counts ranging from 0 to 45. The 'Data Verified' status is shown as 'Yes' with a lock icon.

	>0 to 15	>15 to 20	>20 to 25	>25 to 30	>30 to 35	>35 to 40	>40 to 45
10:00 AM	2	0	1	4	16	18	8
11:00 AM	1	0	0	4	15	28	17
12:00 PM	1	0	0	2	21	44	25
1:00 PM	1	1	1	5	18	32	18
2:00 PM	0	0	1	6	23	40	19
3:00 PM	0	0	3	7	12	45	24
4:00 PM	2	0	0	5	18	44	63
5:00 PM	1	0	0	1	10	57	52
6:00 PM	0	0	0	1	10	27	31
7:00 PM	1	0	0	1	9	23	11

• Data Verification

Data Verification allows you to be sure that the data you are seeing is a true representation of the data that was collected and has not been substantially altered. The data verified lock is applied to any data that has been directly processed from axle time stamps or the per vehicle table. Data that has been manually modified will be shown as unlocked and unverified.

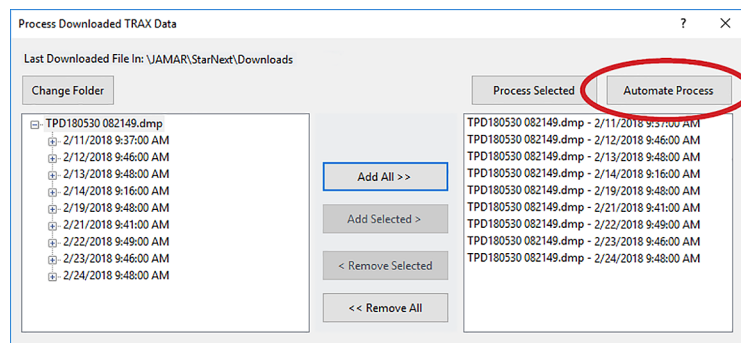


The screenshot shows the STARnext software interface with the 'Data Verified' status highlighted in red. The status is 'Yes' with a lock icon. The data table below shows counts for intervals from 10:00 AM to 11:00 AM, with counts ranging from 0 to 16.

	>0 to 15	>15 to 20	>20 to 25	>25 to 30	>30 to 35
10:00 AM	2	0	1	4	16
11:00 AM	1	0	0	4	15

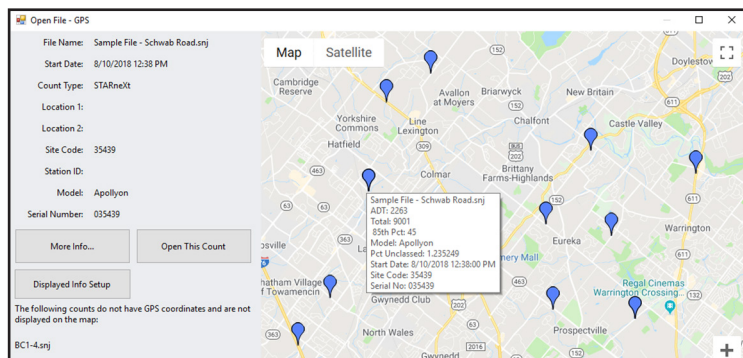
• Automated File Processing after Download

A new feature in STARnext is the ability to automate the data processing of files once they have been downloaded. In the past, processing data has required numerous mouse clicks and selections to get the final results you want. Now, the Automate Process function will automatically apply Preference setting you have selected and take you directly to the output you want.



• Map Interface for Opening Data Files

Data Files that have GPS coordinates (like those collected with the TRAX Pinnacle), can be accessed through a Google Maps interface. This provides a great way to visually organize your traffic counts.



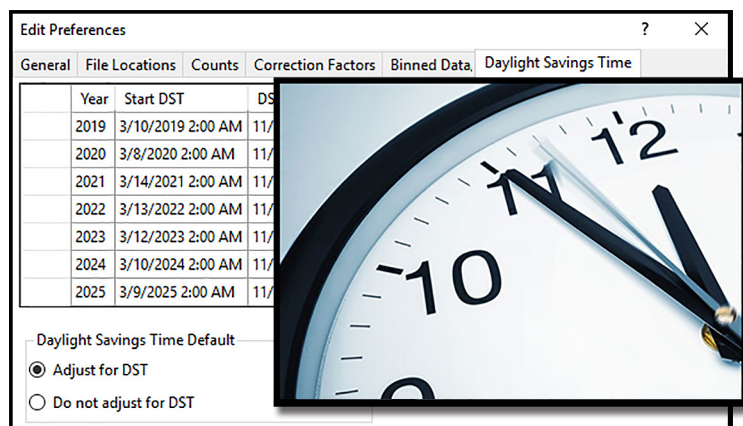
• Location Verification

Location Verification allows you to be sure that the data you are seeing was, in fact, collected where you thought it was. When using a TRAX counter equipped with a GPS receiver (like the TRAX Pinnacle) GPS coordinates are downloaded and stored throughout the duration of the count. This allows you to be sure the data was collected at the right spot and the counter was not moved during the count.



• Built-in Daylight Savings Adjustment

STARnext has the ability to automatically adjust data for daylight savings. Using a built-in database of daylight savings dates and times, processed data can automatically adjust for springing forward or falling back.



JAMAR
Technologies, Inc.

sales@jamartech.com • www.jamartech.com
1-800-776-0940 • 1-215-361-2244
1500 Industry Road, Suite C
Hatfield, PA, USA 19440