

Transtank Smart Fill Management System

Transtank Smart Fill will tell you -

- Which vehicle was fuelled from your bowser
- How many Litres were taken
- Which person fuelled the vehicle
- The odometer or hour-meter reading
- The time and date of the fuel issue
- It will give you a maintenance report for your fleet of vehicles
- It will get the information from your bowser into a your office computer very easily, in a standard spreadsheet format
- It will reduce theft and fuel losses

The unit is supplied with:

- 1 x Smart Fill console c/w PIN Pad
- 20 x I Button Electronic Tags
- Software
- Master Key for downloading of information

Transtank Smart Fill Fuel Management System Detailed Description

Transtank Smart Fill is an electronic fuel-recording system, which is installed onto your fuel bowser or service vehicle etc. It provides 24-hour security for your bowser, and records all fuel taken. Your fuel usage data is later downloaded to your computer. A Smart-Fill will substantially reduce the time taken to reconcile your fuel usage, reduce fuel theft, and help eliminate errors in your fuel recording... PLUS it will create basic maintenance reports for you.

Some of the many Smart-Fill features...

- It costs a lot less than any similar system to purchase and install
- Records fuel use for up to 1000 vehicles
- Records the past 1500 fuel issues in memory, and warns you when the memory is getting low

- It can manage up to 8 pumps simultaneously.
- Uses secure vehicle keys, and user pin numbers to control access to your fuel. The pin number system may be turned off if required.
- The manager may disable the vehicle keys and pin numbers at any time.
- Simple download of fuel data to your office computer using the special memory key system. This eliminates the need to carry a laptop or printer to the bowser, and removes the need to install underground data cables. This is a large cost saving.
- Options to download data to your pc by mobile phone modem, cable connection or telemetry (UHF data transfer).
- Includes a "Walktime" timer to prevent the pump from running for long periods with no fuel flow.
- The system can be used as a "preset" delivery system. This is ideal for lube trucks or workshop lube dispensing systems.
- No battery backup is required for data memory, plus data is stored onto 2 separate memory chips as an additional backup.
- A low memory warning system tells you when you need to download data.
- It may be installed to just about any fuel bowser or meter.
- Housed in a tough, weatherproof enclosure, with unpickable, high quality registered Abloy lock and stainless steel door hinges, for use in all weather conditions outdoors. Enclosure rating IP66.
- Proven reliability throughout Australia
- An ever-growing Australia wide network of support.
- Lower price, through lower manufacturing overheads.
- Smart-Fill records the following details for every fuel issue...
 - Vehicle, Person, Litres, Speedo / Hour meter, Time and date plus K's per Litre and trip K's. See over the page for a sample of the fuel data provided.

The screenshot shows a Microsoft Excel spreadsheet titled "Sample_issues.csv". The data is organized in columns A through I, representing various fuel issue details. The rows list individual fuel issues with columns for User ID, User Name, Vehicle, Reg No, Item, Litres, Odo / Hrs, Time, and Date. The spreadsheet is currently displaying rows 1 through 25, with the total number of rows being 213996.

	A	B	C	D	E	F	G	H	I
1	User ID	User Name	Vehicle	Reg No	Item	Litres	Odo / Hrs	Time	Date
2	9	S Smith	12	1AFH112	Nissan	32.7	249300	13:48	18/05/01
3	11	L Jones	3	1AFT500	Ford P/M	170	303707	13:11	18/05/01
4	11	L Jones	3	1AFT500	Ford P/M	330.3	303707	13:04	18/05/01
5	9	S Smith	11	1AJH422	Kato	91	5795	8:55	18/05/01
6	5	R Green	13	9FN623	Toyota Hilux	35	173220	8:53	18/05/01
7	8	G Black	8	1AW337	Mack P/M	272	27337	18:57	17/05/01
8	11	L Jones	3	1AFT500	Ford P/M	250	303353	18:24	17/05/01
9	9	S Smith	16	1ACY821	Toyota Hilux	117.4	258337	17:20	17/05/01
10	11	L Jones	19	9IL569	Nissan Hire	224	3320	16:29	17/05/01
11	7	I Brown	40	OffRoad	Komatsu	50.4	189168	16:26	17/05/01
12	1	T Woods	5	8ZE726	Mack P/M	366.2	40633	16:14	17/05/01
13	4	M Knight	4	9LO312	Mack P/M	64.8	3121	16:11	17/05/01
14	2	W Clarke	2	1AF0756	Mack P/M	484.2	310219	16:02	17/05/01
15	6	H Jones	6	1ABJ451	Mack P/M	270	328174	15:47	17/05/01
16	9	S Smith	54	911	Tanker	799.9	6054	15:33	17/05/01
17	10	P Roland	23	9FD563	Toyota Hilux	90.1	227676	15:22	17/05/01
18	3	G Archer	7	9FC630	Toyota Hilux	56.7	213996	15:19	17/05/01
19	15	K Mayne	20	8AD055	Kenworth	261.2	1	14:25	17/05/01
20	1	T Woods	1	1ACW045	Mack P/M	335	322482	14:05	17/05/01
21	16	K White	25	1AWE304	Nissan	88.6	76044	13:44	17/05/01
22	2	W Clarke	47	306	Tanker 2	221	11578	13:38	17/05/01
23	7	I Brown	7	1AS2824	Mack P/M	180	6945	13:20	17/05/01
24	11	L Jones	3	1AFT500	Ford P/M	500	302690	4:06	17/05/01
25	8	G Black	8	1AW337	Mack P/M	460	26671	18:13	16/05/01



How it Works

Fuelling a vehicle...

- The person fuelling the vehicle touches the vehicle key onto the sensors on the Smart-Fill unit. This key identifies the vehicle to the Smart-Fill. If the vehicle key is not authorized, the bowser won't start.
- The Smart-Fill then requests the persons pin number, and then the vehicle Speedo / hour meter reading. The user enters these into the Smart-Fill keypad.
- The Smart-Fill checks the pin number. (The pin number identifies the user). If the pin number is not valid, the fuel bowser won't start, if the pin number is valid then the bowser works normally.
- The person then fuels the vehicle. Once the fuel delivery has finished, the Smart-Fill stores the details in its memory.

Transferring fuel data into your office computer...

- At the end of each month or preferred time period, your fuel use data is transferred from the Smart-Fill unit to your office computer using a special memory key. This eliminates the need to run data cables or carry a laptop computer to your fuel bowser.
- You simply clip the memory key into a holder inside the Smart-Fill and wait until it beeps and tells you to remove the key. This operation copies all of your fuel use history into the memory key.
- You then take your memory key into your office, and clip it into a special cable, which connects to the serial or USB port on your computer.

- The special Smart-Fill software on your computer then downloads the data on your memory key directly into a spreadsheet format, which you can open in almost any spreadsheet program. i.e. Microsoft Excel or Microsoft Works etc. The format is a ".csv" (comma separated value) file.
- You then clear the memory at your Smart-Fill unit to start the next fuel recording period, usually monthly or fortnightly depending on the number of fuel issues taken per month from the bowser.

The Smart-Fill has many features not found in systems that cost twice the price. Please take the time to obtain a quotation to install a complete system. When comparing prices, remember that you don't have to run data cables etc to a Smart-Fill system. You can also fit a digital or CDMA mobile phone modem to a Smart-Fill system and simply dial into the unit from your office computer to download the data. (Requires the Smart-Fill to be in an area covered by the phone network).

The unit is supplied with:

1 x Smart-Fill console c/w PIN pad 20 x 1 button Electronic Tags Software Master Key for downloading of information