

in check digit calculation. Alphabetical characters are converted to numerical, according to TABLE A values.

TABLE B

EXAMPLE:

ABC Trailers, Inc. builds a flat bed standard series trailer with a 16 foot bed length on two axles at a plant in Cleveland, Ohio. What is the VIN coding for this trailer?

01-22-N11B-3920

B 10/10/94

Since ABC manufactures less than 500 units per year, SAE assigned ABC a six digit number as follows: 1A9/347. (1A9 goes in columns 1-3 and 347 goes in columns 12-14). ABC has elected to code body type in column 4, series in column 5, length in columns 6 and 7 and number of axles in column 8. (The characters utilized and their placement are determined by the manufacturer, but must include all required attributes for vehicle type). ABC's coding for vehicle attributes are: Type—F=flatbed, U=utility; Series/body type—S=standard, P=special; Length—actual overall bed length in feet (08, 12, 16, etc.) and number of axles—1=single, 2=tandem, etc. The letter F designates the 1985 model year and ABC uses the letter C for the location of their only plant, in Cleveland.

Recycling Trailer 16'

ORIGINAL

CHECK DIGIT

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ACTUAL VIN	4	B	E	U	5	1	6	1	0	L	V	W	J	H	0	0	1
CONVERTED VALUES, from TABLE A	4	2	5	4	2	1	6	1	0	3	5	6	1	8	0	0	1
MULTIPLIER (X)	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
PRODUCT (Value x multiplier)	32	14	30	20	8	3	12	10	0	27	40	42	6	40	0	0	2

7 pp  
2-sided

SUM OF PRODUCTS = 286

WHOLE NUMBER = 26

DECIMAL = 00

SUM OF PRODUCTS

Since the check digit calculation for ABC Trailers resulted in a decimal value of .45, Table B shows that the check digit is 5. The value 5, placed in position 9 of the actual VIN, completes the 17 digit VIN requirements.

Recycling Trailer 20'

RECEIVED  
OCT 25 11:05  
HNTSA DOCKET

CHECK DIGIT

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ACTUAL VIN	4	B	E	U	5	2	0	2	1	L	V	W	J	H	0	0	1
CONVERTED VALUES, from TABLE A	4	2	5	4	2	2	0	2	0	3	5	6	1	8	0	0	1
MULTIPLIER (X)	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
PRODUCT (Value x multiplier)	32	14	30	20	8	6	0	20	0	27	40	42	6	40	0	0	2

SUM OF PRODUCTS = 287

WHOLE NUMBER = 26

DECIMAL = 09

SUM OF PRODUCTS

Since the check digit calculation for ABC Trailers resulted in a decimal value of .45, Table B shows that the check digit is 5. The value 5, placed in position 9 of the actual VIN, completes the 17 digit VIN requirements.

# **GENEVA** PRODUCTS

*presents*

## ***A Unique Recycling Option with No New Truck Purchase***

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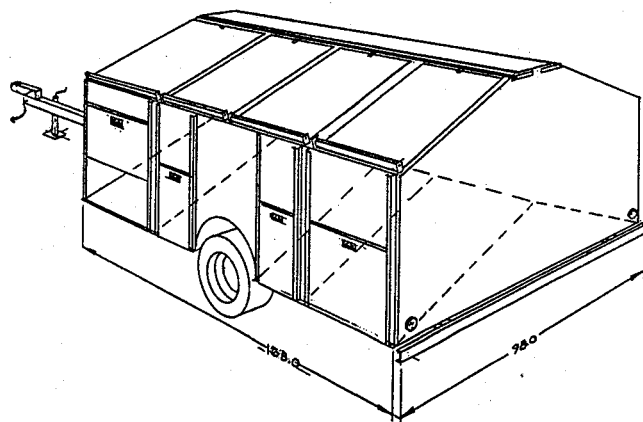
675 12th Ave. S.E.  
Valley City, ND 58072

**BULK RATE**  
U.S. Postage  
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Permit No. 87  
Valley City, ND 58072

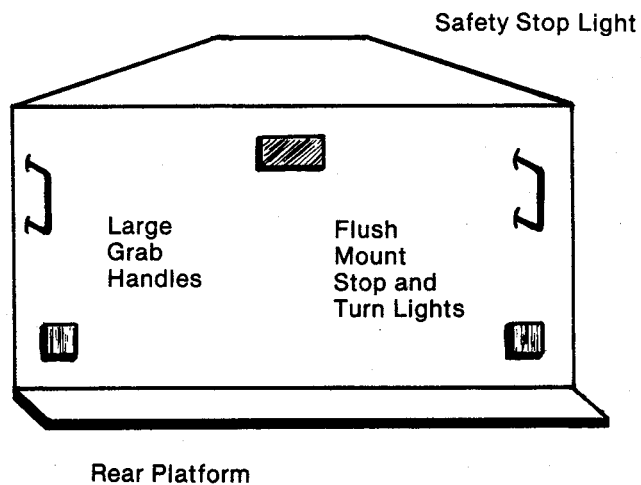


This is printed on recycled paper

***Recycling Unit Diagram***

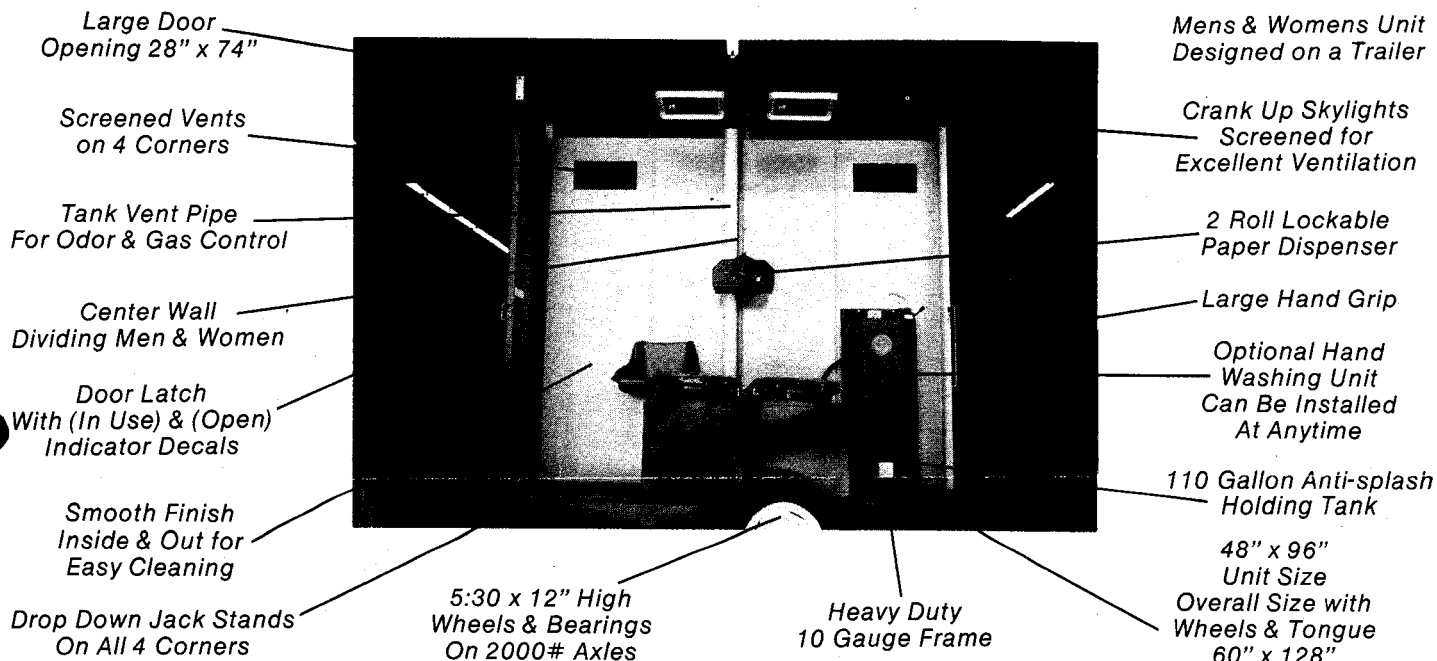


***Rear View***



# TOW-A-TOILET

## Features



- Steps and hand hold on both entrances for safety
- Turn and stop signals included for safe road travel
- Easy removal of hitch and tongue with one quick clip bolt for security
- Unit equipped with camper-style drain or also available without drain
- Unit is finished inside and out for durability and customer comfort.

### Single Ground Unit

- Size 41" x 41"
- Size with skids 43" x 47"
- Height with skids 89"

- Holding tank 60 gallons
- Unit finished inside and out for durability and comfort

### Geneva Retractable Trailer

- Excellent for mounting portable toilets.
- Bed of trailer lowers to ground—no steps needed
- High speed highway 5:30 x 12" tires and wheels for safe travel
- Stop and turn signals for safety
- Tongue and wheel assemblies remove for easy storage and security.
- Trailer bed size 48" x 96", 60" x 96", 72" x 96"

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- Building and Road Contractors • Parties •
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- And Wherever People Gather !!! •

**IDEAL BECAUSE OF HANDLING EASE!!**

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1-800-328-7024**

**GENEVA**

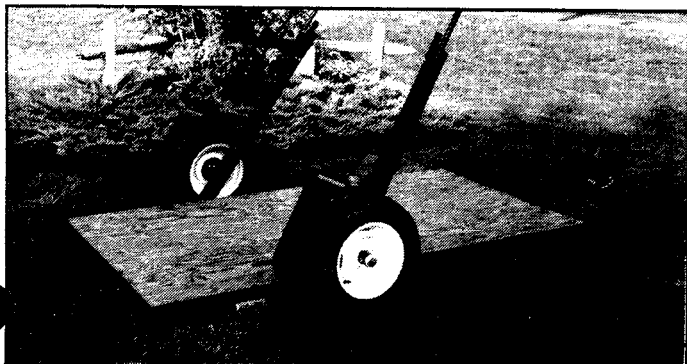
NATIONAL MANUFACTURING

(701) 845-1017

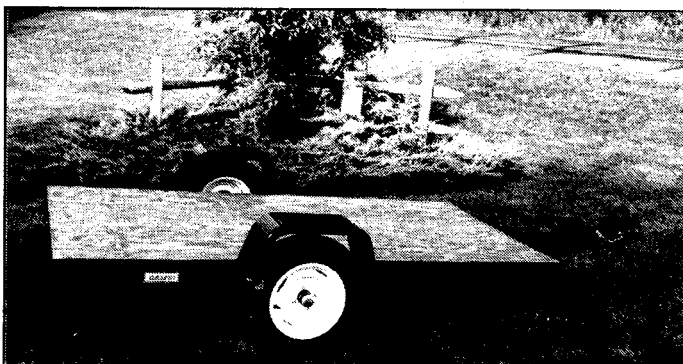
675 12th AVENUE S.E., VALLEY CITY, ND 58072

# **GENEVA** RETRACTABLE TRAILER

## Unique Features and Benefits



Shows the safety and easy entry on to the trailer.



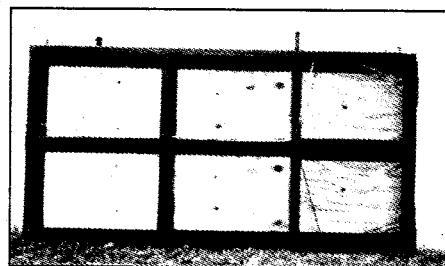
Illustrates the raised position for quick and safe road travel



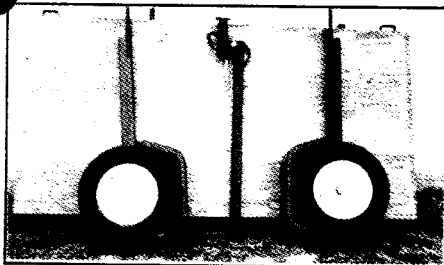
Removal of tongue for security and safety.



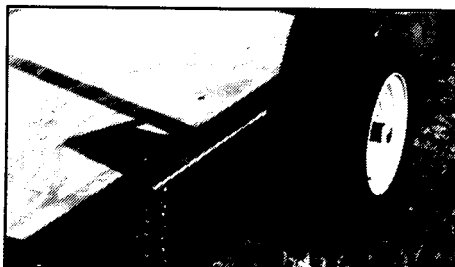
Heavy duty electrical hook-up for safety.



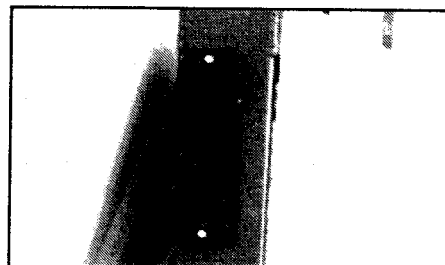
Completely welded under-carriage for durability and strength.



Removeable wheel assembly and tongue for easy storage.



Sides available for more carrying capacity & safety.



Flush mount stop and turn signals for safety.

The trailer can be used for:  
**CONSUMER AND COMMERCIAL**

For more information, call ...

**GENEVA** PRODUCTS

1-800-328-7024  
National Mfg.  
675 12th Ave. S.E.  
Valey City, ND 58072

### 3 DIFFERENT BED SIZES AVAILABLE

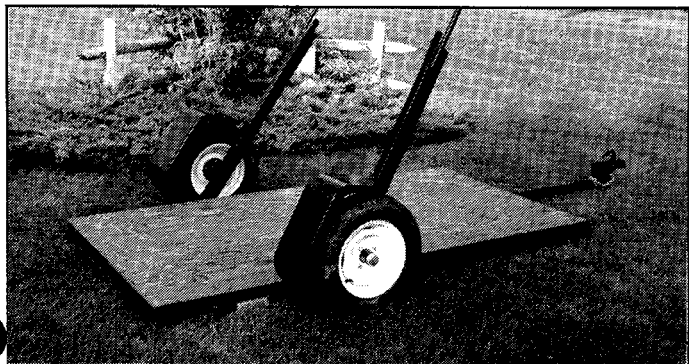
Size of Bed #1: 48" wide x 96" long  
#2: 60" wide x 96" long  
#3: 72" wide x 96" long

Recommended Rating: 1,500 lbs.  
Wheels and Tires High Speed: 5:30 x 12"  
Construction: Steel-enamel paint comes with treated plywood bed.  
Completely assembled.  
Solid welded.

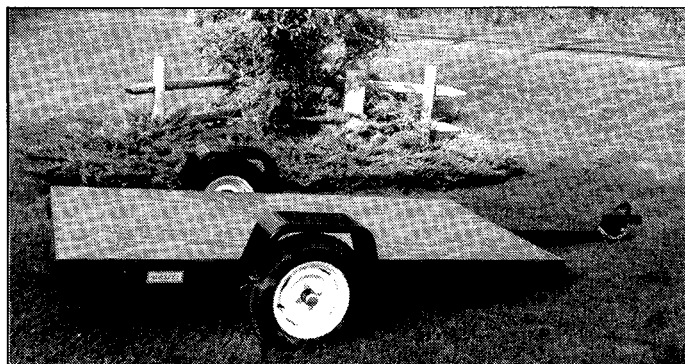
**MADE IN THE U.S.A.**

# **GENEVA** RETRACTABLE TRAILER

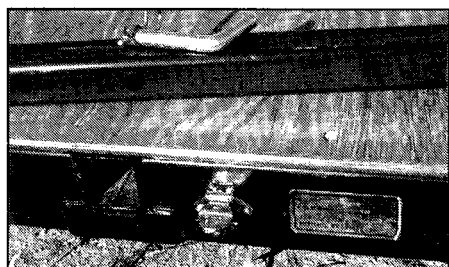
## Unique Features and Benefits



Shows the safety and easy entry on to the trailer.



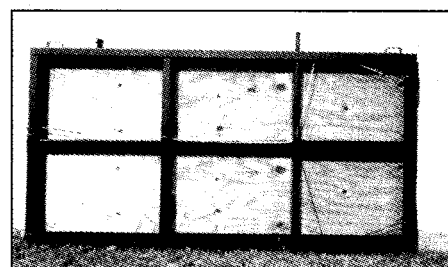
Illustrates the raised position for quick and safe road travel



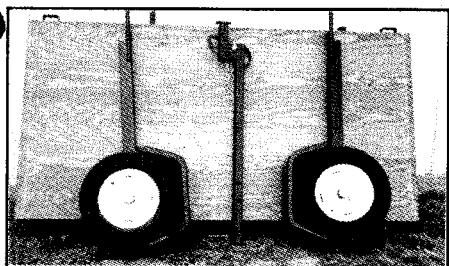
Removal of tongue for security and safety.



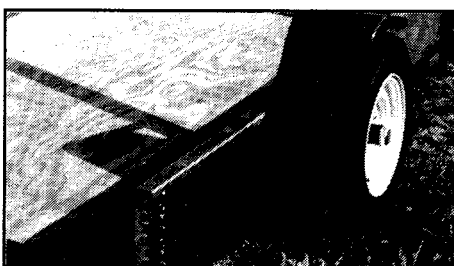
Heavy duty electrical hook-up for safety.



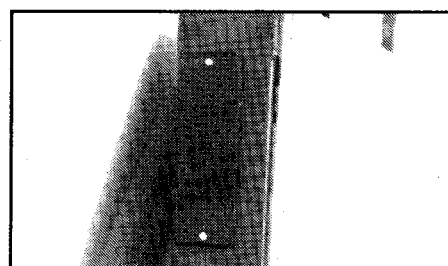
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# **GENEVA**

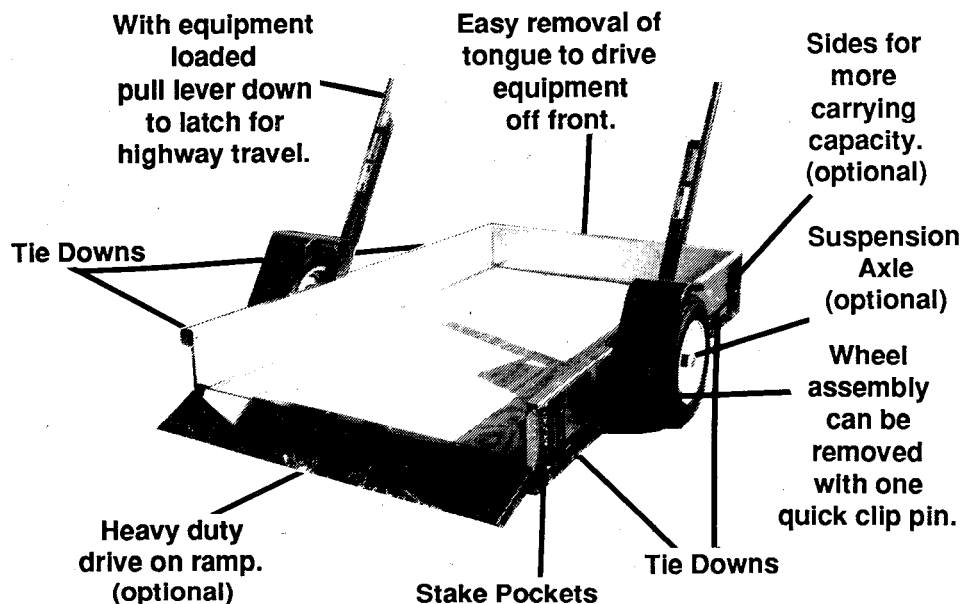
## **RETRACTABLE Trailer**

*A Revolutionary  
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**DESIGNED FOR  
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OR AROUND  
THE YARD!**



## **The RETRACTABLE TRAILER**

*by Geneva Products  
is*

*Innovative and Versatile!*

**MADE IN U.S.A.!**

**QUALITY CONSTRUCTION -  
WITH USE OF RETRACTABLE  
WHEELS THAT DROPS THE  
BED TO THE GROUND FOR  
EASE & SAFETY OF ON & OFF  
LOADING OF MANY DIFFER-  
ENT PIECES OF EQUIPMENT.**

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MOTORCYCLES - PORTABLE TOILETS - ETC.**

GENEVA  
1-800-328-7024  
National Mfg.  
675 12TH Ave. S. E.  
Valley City, ND 58072

August 29, 1990

Patti Gardner  
Program Analyst  
Office of Vehicle Safety Standards Room 5320C  
National Highway Traffic Safety Administration  
400 7th St. SW  
Washington, D.C. 20590

Fax #202-366-4329

The following is the written explanation of our chosen Vin numbers, Retractable Trailer.

1st 3 (4BE) given by S.A.E. #4 is for utility trailers, S is for standard, 08 is for length of the trailer #1 is for the number of axles, #4 is our resulting check digit, L is for the year of manufacture (1990), #11 with the V stands for Valley City, ND where trailer is made, W J H stands for initials of the Vin preparer and finally the initial trailer will have the number 001 followed by 002 and 003, etc thru 999 would be 001 giving us a total production for the time of 998 trailers. In 1991 and following years if we would need more I would change one of the alphabetical (W.J.H.) to give me more quantity, ie. W.J.A. 123 and so on.

I trust this is what is needed and I thank you for your help.

Regards,



Bill Hamm  
Sales Manager  
Toilet/Trailer Division

BH/lb