

## Samson Carts Vs. Plywood: Annual Environmental Impact

### Plywood: Diesel Fuel Environmental Impact

By Saving Space and reducing the number of trucks on the road by using Samson Carts:

Gross Plywood Cart Use Reduction:	9,842
# Project Trucks Reduced (Net):	624
Delivery Miles Saved:	6,240
Diesel Fuel Gallons Saved:	594
Total Transportation CO 2 Footprint lbs:	13,193
Total Transportation CO 2 tonage Reduction Using Samson Carts:	6.6

### Plywood Environmental Impact

# of Plywood Carts Reduced:	9,842
Tons of Plywood Reduced:	999.74
Total Resource CO 2 Footprint lbs:	4,923,720
Total Resource CO 2 tonage Reduction Using Samson Carts:	2,468.46

**ICB, LLC Energy Offsets (REC's) CO2 Footprint Pounds** 300,542

Combined Annual Total CO 2 Footprint lbs:	5,237,455
Combined Annual Total CO 2 Tonage Reduction:	2,618.73

### Interesting Facts\*

The Total Volume Reduction of CO 2 By Not Using Plywood Carts is the equivalent of:

Filling the Washington Monument this many times:	2,939
Number of Households' Electricity Use for One Year:	305
Number of Acres of Pine or Fir Forests storing Carbon for One Year:	1,979
Number of Mid-size cars driving 12K highway miles/year:	480

\* Calculations based on data from International Carbon Bank Exchange & U.S. EPA

### Other Environment Savings Impacts From Plywood Cart Reduction\*\*

Wood Saved	1,321 Tons
Number of Trees Saved	9,244
Total Energy	2,321 Million BTU's
Greenhouse Gas	1,625.90 CO 2 Tons
Hazardous Air Pollutants	13,205,263 Tons
Wastewater	74,280 Gallons
Solid Waste	1,276,289 lbs