

AN INNOVATIVE DESIGN

Schien

ALUMINUM



Body shown with options

When weight becomes crucial!

Alliance
SERIES

Schien

ALLIANCE



MAXIMIZE YOUR PAYLOAD!

An innovative design with 3 different configurations enabling you to fine tune your payload/ruggedness ratio.

Alliance

B Combination of 3/16" and 1/4" (approximate weight 2064 lbs)

C 1/4" all around (approximate weight 2270 lbs)

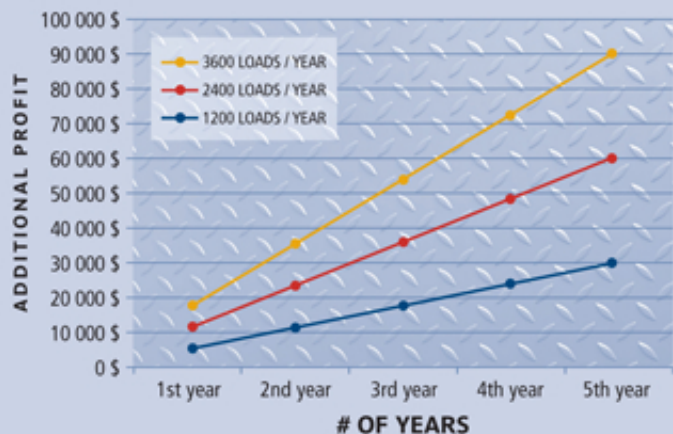
D Combination of 1/4" and 3/8" (approximate weight 2512 lbs)

(Based on a 17'-0" x 48" x 60")

Standard sizes:

- **Body lengths:** 9'-0 to 22'-0 feet
- **Sides heights:** 24 to 66 inches
- **Body width:** 99" wide
- **Door heights:** 36 to 72 inches
- **Hydraulic cylinder:** 4.5" to 7.5", front trunion mount
- **Capacity:** 8 to 30 cubic yards

IN MOST CASES SAVE MORE THAN A TON EVERY LOAD*



PER YEAR • 5\$ / TON

	1st year	2nd year	3rd year	4th year	5th year
1200 loads	6 000 \$	12 000 \$	18 000 \$	24 000 \$	30 000 \$
2400 loads	12 000 \$	24 000 \$	36 000 \$	48 000 \$	60 000 \$
3600 loads	18 000 \$	36 000 \$	54 000 \$	72 000 \$	90 000 \$

* Compared to an equivalent size steel dump body.

MINUM



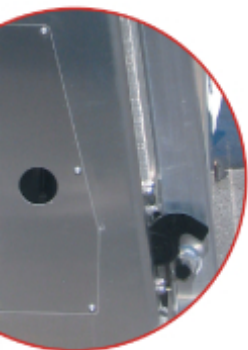
FEATURES

Formed top rails



The Alliance body is entirely manufactured from **6061 T-6** grade aluminum. Because of its mechanical properties and higher resistance to abrasion and corrosion, this material is well known in the aviation industry.

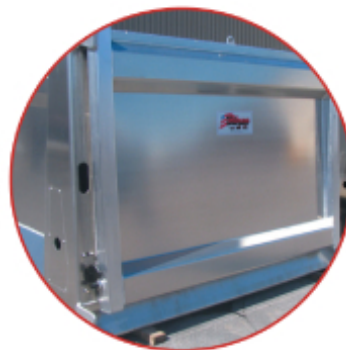
"Shur-lock" over-center indicator



Rear corner post access door



Cartridge type AR450; latching system



Double-wall single panel tailgate

- 6061 T-6 aluminum construction with continuous welds throughout.
- Unibody design (no crossmembers) eliminates washboarding.
- The formed longsills are designed to reduce the loading impact transferred to the chassis.
- The smooth sides (no post and/or horizontal bends) have a greater capability to flex. They can absorb more energy before showing nasty dents.
- Heavy duty formed top rails designed to provide long lasting strength.
- The Double-wall single panel tailgate design, provides an increased abrasion and impact resistance factor while maintaining a higher flex capability.
- Cartridge type (AR450 steel) latching system with "Shur-Lock" over-center indicators.
- Both cartridges are located in the rear corner posts. Therefore, they are fully protected while remaining easily accessible.
- All bodies are acid washed.

PROPERTIES	5454-H34 ALLOY**	6061-T6 ALLOY	SUPERIOR BY %
Hardness	81 HB	95 HB	17%
Yield strength	35 000 psi	40 000 psi	14%
Elongation at rupture	10%	17%	70%

** 5454-H34 is the most common aluminum alloy used in the dump body industry.



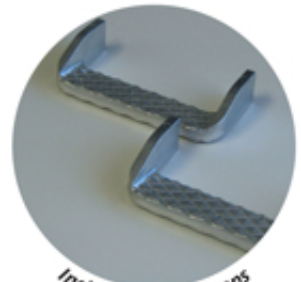
Customize your dump bodies with our options and accessories

Options and Accessories:

- Factory polished
- Coal door
- Electric tarp system
- Highlift tailgate
- Barn door (swing gate)
- Cab shield 12" to 36"
- Inside/outside steps
- Asphalt apron
- Water tight tailgate
- Front cut corners (45 degree)
- 45 degree bumper
- Tapered sides
- Flat front
(External cylinder mount)
- Pin to pin cylinder mount
- Floor and sides overlay



Coal door



Inside / outside steps

QUALITY, INTEGRITY
AND INNOVATIVE DESIGN



Factory polished



Schien

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