

CLEMENT

America's leader

A true "workhorse" trailer reasonably priced!



Engineered to provide an optimum return on your investment

Clement utilized computer "finite element analysis" (F.E.A.) to develop an extremely strong, relatively lightweight trailer that was quite simple to manufacture. The results of F.E.A offer the customer a "workhorse trailer" and long life at a reasonable price.

Evidence of the strength built into the trailer are the 3/16-inch, HT50 high-tensile steel side sheets assuring extended life expectancy when compared to other trailers. Supporting these heavy-duty side sheets are two massive 4 x 6-inch tube bottom rails with 4 x 6-inch bracing.

As with all Clement trailers, our foundation is strong and stable with 102-inch, 25,000-pound axles; common inner and outer bearings; a 40,000-pound four spring suspension as standard with 50,000-pound single point as an option.

Specifications:

Cubic Yard Capacity: 20-yards, no boards, 22.5-yards with boards

Dimensions:

40 ft. overall length, w/o push bar
102-inch overall width

114-inch height w/o boards

193 x 90-inch hopper opening

111 x 55-inch gate opening

Ground clearance under gate:

17-inches w/ 24.5-inch tires, 16-inches w/ 22.5-inch tires

Body:

2/16-inch hopper skins throughout

79° hopper side slope, 55° hopper end

slope, 90° slope lower hopper

4 x 6-inch bottom rail with 4 x 6-inch top rail and braces

Rear fenders are standard

Gate:

3/16-inch high tensile steel floor

8-inch externally mounted

cylinders

30-gallon external air tank

Infinite gate positioning and feathering control

Automatic injection air lubricator

Electrical:

Sealed beam, 7-way conduit in rubber grommets

Separate gate circuit

Running Gear:

Axles: 102-inch, 5-inch round 25K capacity

Bearings: Common & and outer

Suspension:

Std: 44,000#, 4 spring - 3 leaf

Opt: 50,000# single point

Wheels: 10-hole, hub piloted disc, 8.25 x 24.5

Brakes: 16-1/2 x 7-inch fast change

Drums: Outboard cast

Tires: TIR 24.5 radials

ABS: 2S - 1M standard

Paint: Premium epoxy primer. Urethane finish for excellent durability

Weight: 12,900 pounds with 4-spring

The all new Clement JobStar ... loads fast, hauls more, dumps dependably



JobStar's clamshell gate

Front view of JobStar's extremely strong clamshell gate, closed with its massive externally mounted 8-inch diameter cylinders.



The muscle of the JobStar — the hopper

The hopper with 3/16-inch Hiiten-50 steel as standard is nearly double that of competitive units, thus you get double the wear. As an option, 3/16-inch AR450 abrasion-resistant steel is available to further increase the life of the trailer.



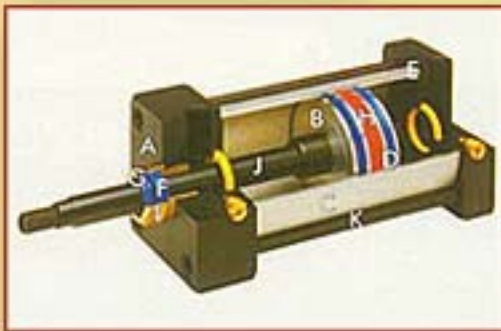
JobStar's extra heavy-duty timing gear

Front view of the extra heavy-duty timing gear that never needs replacing, adjusting or maintenance. Also illustrated is the positive five-position gate positioning bar.



Infinite gate control

Clement's gate control ground station puts total infinite metering control into the hands of the ground operator. JobStar's ground control also allows total hands-free operation, not available on most competitive trailers. Pushing the palm button activates Clement's hands-free infinite gate control, or to stop the gate at an infinite number of positions by centering the lever. Once the lever is positioned, the operator may remove his hands for a total hands-free operation! Last, but not least, is hands-free feathering.



Clement air cylinder cross sections and features

- A. Solid aluminum head and cap that is black anodized for corrosion resistance
- B. Piston machined from solid aluminum bar stock
- C. Hard anodized ID aluminum tube
- D. Lip-type low friction urethane piston seals are pressure-energized.
- E. Nitrile O-ring design is pressure-compensated and reusable.
- F. Rod lip seals with a rod u-cup is completely self-compensating for zero leakage at all pressures.
- G. The new wiper wipes dirt out for less maintenance.
- H. Piston wear ring is nylon material designed for low friction, and to ensure maximum wear in the cylinder.

I. Bronze gland is externally removable without cylinder disassembly for easy maintenance.

J. Piston rod high steel. Nitro-carburizing treatment on the rod gives better corrosion-resistance properties (outperforms 12-micron [.0005 inches] Chromium electroplating by ratio up to 20:1).

K. Tie rods have corrosion-resistant (Nitro-carburizing), stress-proof steel.

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Clement is just "down the road"
Clement's nationwide network of dealers means that Clement quality service and genuine Clement replacement parts are just down the road not across the country.