

Ranger SA-2 Dual Arm Side Loader

SIMPLICITY BY DESIGN

Taking industry innovation to a new level, Bridgeport introduces the only compact dual arm semi-automated side loader on the market today.

But don't let its size fool you. This is 12 or 14 cubic yards of solid muscle that is smokin' efficient in an alley as well as on the street.

The arms are operated by an outside control box on each side of the truck.

The forward mounted hoist cylinders ensure better stability at the landfill or transfer station.

The expanded metal hopper cover opens and closes at each stop to prevent debris from escaping the hopper.

EFFICIENT

- Semi-Automatic Pack Cycle
- One Piece Packer/Follower
- Tapered Body for Easier Discharge
- Self Locking Tailgate w/ Watertight Seal

RELIABLE

- Electric over Air Hydraulic System
- Single or Dual Body Mounted Tipper
- Universal Cart Grips - 30 to 96 gal
- Cylinders Manufactured by Texas Hydraulics





▶ SPECIFICATIONS

Body Specifications	
Body Capacity	12 yd ³ - 14 yd ³
Body Style	Hoist to Dump
Floor	3/16" AR 235 Plate - 1/4" Overlay at Hopper
Sides	10 ga Hi-Ten Rolled Plate w/ 2 Body Posts
Roof	12 ga Hi-Ten - Tapered Front to Back
Tailgate	1 Piece 10 ga - Self Locking w/ Rubber Seal

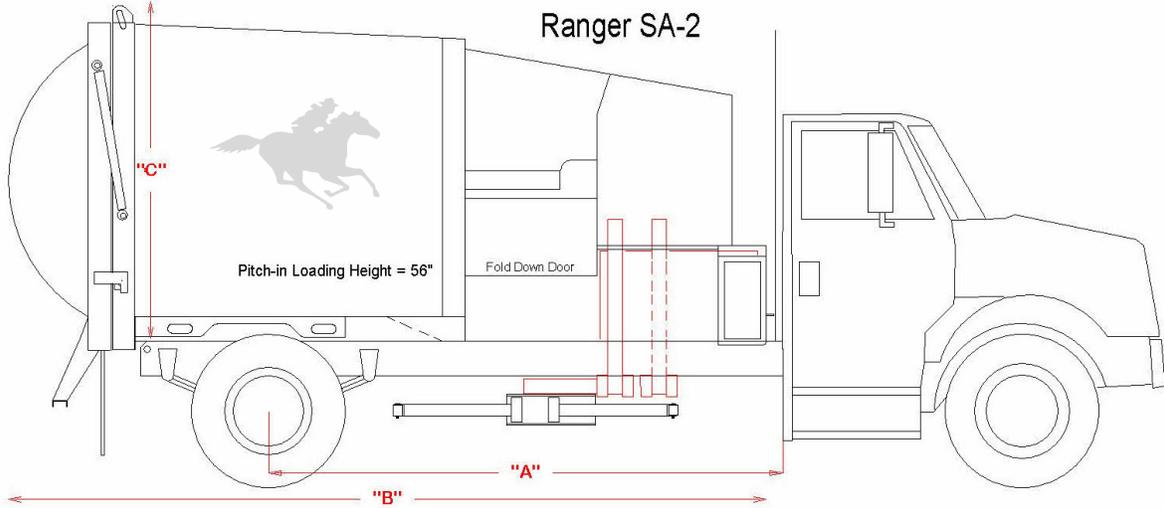
Packer / Hopper Specifications	
Packer	1 Piece Packer/Follower w/ Replaceable Wear Strips
Hopper Capacity	3.5 yd ³
Hopper Floor	1/4" Hardox 450 Plate
Hopper Clean Out	Trough w/ 2 Rubber Sealed Clean Out Doors
Hopper Door	Fold Down Door for Hand Loading - 56" Pitch-in

Gripper Tipper Specifications	
Tipper	Mounted to Body (Single or Dual)
Cycle Time	6-7 Seconds @ 750 RPM
Lift Capacity	800 lbs (approx.)
Grips	Universal (30-96 gal) carts
Controls	Electric over Air Outside Controls (both sides)

Hydraulics / Cylinder Bore x Stroke x Rod	
Tailgate Cylinders	(2) 3" x 30"
Packer Cylinders	(2) 4 x 39" x 2.5"
Arm Cylinders	Grip- 2" x 8" x 1"
Arm Cylinders	Tip 2 " x 8" x 1" / Lift 2.5" x 16" x 1-1/4"
Hoist Cylinders	(2) 5" x 65" 3-Stage telescoping mounted outside frame
Pump / Valves	Front Mount Tandem Unloader / (2) Danfoss B6603 Valves

Minimum Chassis Requirements			
GVWR	Engine	Torque	Usable Cab to Axle
33,000 lbs	260 HP @ 2200 RPM	660 lb/ft @ 1300 RPM	140.5"

COMPACT DESIGN - GREAT FOR ALLEYS



Drawing	Description	12 cy yd	14 cu yd
A	Usable Cab to Axle	140.5"	140.5"
B	Body Length	195"	207"
C	Body Height	92"	92"
-	Overall Width	96"	96"
-	Body Weight (Wet)	11,884 lbs (approx.)	12,080 lbs (approx.)