



## OCTAGONAL AUTOMATED SIDE LOADER MODEL AMOCASLTPO-19/21 STANDARD SPECIFICATIONS

The Following Specifications Are For 30-36 Cubic Yard Automated Side Loading Refuse Compaction Bodies To Be Mounted On Customer's Two, Three Or Four Axle Cab And Chassis.

### BODY AND PACKER DESIGN

The Octagonal Body Design With Hydraulic Convex Rear Door Provides Additional Body Strength And Easy Unloading. The Packing Mechanism Features A Lower Packer Blade With Full Ejection And Follower Plate To Prevent Refuse From Spilling Behind Blade. The Low Packer Blade Is Driven By Two 4 3/4" Bore Cross Mounted Cylinders For Maximum Compaction.

### BODY AND PACKER BLADE SPECIFICATIONS

#### BODY CONSTRUCTION

- Lower Sides – 12 Gauge High Tensile Steel
- Upper Sides – 12 Gauge High Tensile Steel
- Roof – 12 Gauge High Tensile Steel
- Floor – 3/16" T-1 "Ar" Steel

#### HOPPER CONSTRUCTION

- Hopper Floor – 3/16" T-1 "Ar" Steel
- Lower Sides – 3/16" High Tensile Steel
- Upper Sides – 12 Gauge High Tensile Steel

#### HYDRAULIC REAR DOOR

- Hydraulic Actuated Single Rear Door
- Steel Convex Door
- Door Sheets – 14ga. Mild Steel

#### PACKER FOLLOWER

- Attached To Top Of Packer Blade To Prevent Refuse From Collecting In Front Area Of Body
- Follower Cover – 10 Gauge High Tensile Steel

### AUTOMATED LOADING MECHANISM

#### DESIGN

- Ramp With Carriage Powered By Hydraulic Motor Self Leveling Clamping Mechanism

#### DECELERATION VALVE

- To Allow Maximum Operating Speeds Without Driver Correction

#### REACH

- 109" Maximum

#### PACKER BLADE

- Double Blade Design With Both Blades On Automatic Cycle
- Lower Eject Blade Is 15 3/8" High X 70" Wide
- The Top Blade Uses 2 Single Stage Cylinders Cross Mounted 5 O.D. The Lower Eject Blade Uses 1-Three Stage Telescopic Cylinder To Eject The Load
- Packer Face Plate – 1/4" T-1 Steel
- Packer Sides – 3/8" T-1 Steel
- Packer Width – 71"
- Packer Height – Total Of 36"
- Packer Guides – 4 On Top Blade, 2 On Bottom Blade With Hardox Wear Strips

#### CAB CANOPY

- Side And Top – 14 Gauge Mild Steel

#### LADDER

- Right Side Of Body To Provide Access To Body Roof

### ADAPTABILITY

- 30-60-90-100 Gallon Fully Automated Containers On Standard "Grabber" Round Or Rectangular
- Containers May Be Dumped From Any Arm Position
- 90-300 Gallon "Grabber" Available

## HYDRAULIC SYSTEM AND COMPONENTS

### RESERVOIR

- 60 Gallon Capacity With Breather Cap, Shut Off Valve And Tank Drain Plug
- A 20-Micron Return Line Filter Cartridge With A 20 Psi By Pass Valve
- Vertical Baffles, 150-Micron Reusable Suction Filter

### CONTROL VALVE

- Commercial A-35 With Built In Relief Valve

### HOSES AND FITTINGS

- Heavy Duty Double Wire Braided Parker 100R2 Sae Hose W/Jic Fittings
- Zinc Dichromate Seamless Steel Tubing

### REAR DOOR CYLINDERS

- (2) Single Stage, Double Acting
- Bore – 2 ½"
- Stroke – 35"
- Rod – 1 ½" Chrome

### PACKER CYLINDERS

- (2) Single Stage, Double Acting Chrome
- Bore – 4 ¾"
- Stroke – 57"
- Rod - 2 1/2" Chrome

## MISCELLANEOUS

### LIGHTS

- Standard I.C.C. Lights And Reflectors Conforming To California State Vehicle Code. "Truck-Lite" Tail, Stop, Back Up And Directional Lights Are Mounted In The Rear Door

### CLEAN OUT DOOR

- Two Doors At Front Of Body (12" X 12")

### MID BODY TURN SIGNAL

- Directional Lights Mounted At Mid-Point Of Body

## OPTIONS

### LIGHTING

- Led Light Package
- Ecco Strobe On Rear Door
- 4 Additional Rear Flashing Lights (Pto Activated)
- 2 Rear Mounted Spot Lights (Reverse On)
- 1 Additional Rear/Center Mount Brake Light
- Whelen Pkrsys1 Strobe System

### MISC. OPTIONS

- Hopper Cover

### POWER SOURCE

- Front Mount Double Pump Or P.T.O.

### EJECT CYLINDER

- (1) – Three Stage Telescopic, Double Acting, All Stage Chrome
- First Stage (Packing) – 5 ½" Bore
- Second Stage (Ejection) – 4 ½" Bore
- Third Stage (Ejection) – 3 ½" Bore
- Stroke – 162 ¾"

### HYDRAULIC OIL

- Anti-Wear, Corrosion, Oxidation And Foam Inhibitors
- Iso Viscosity Grade – 46
- Asi Gravity – 31
- Viscosity – 220 @ 100 Deg. F
- Flash Point – 430 Deg. F

### HYDRAULIC CONTROLS

- Air And Electric Operated Controls Mounted In Cab To The Right And Forward Of Operator And To The Left And Forward Of The Operator
- Electric/Air Auto-Pack Controls For Packer Blade

### REAR DOOR LIQUID CATCH

- STEEL CONSTRUCTION INSTALLED UNDER REAR DOOR TO PREVENT LIQUID SPILL

### PAINT

- One Coat Primer And One Coat Polyurethane Paint

### ESTIMATED BODY WEIGHT

- 15,800 LBS
- (Note: Options May Affect Total Body Weight)

### SAFETY OPTIONS

- Fire Extinguisher
- Triangle Road Kit
- Spill Kit

### CAMERA SYSTEM

- Single Camera Rear Vision (Intec)
  - Dual Camera System (Intec)
  - Triple Camera System (Intec)
- (Other Brands Available Upon Request)