



OCTAGONAL BODY FRONT LOADER MODEL AMOCFLPO-21/22 STANDARD SPECIFICATIONS

The Following Specifications Are For 38 - 40 Cubic Yard Front Loading Refuse Compaction Bodies To Be Mounted On Customer's Three Or Four Axle Chassis

BODY AND PACKER DESIGN

The Octagonal Body Design With Hydraulic Bubble Type Rear Door Provides Additional Body Strength And Easy Unloading. The Packing Mechanism Features A Low 48" Packer Blade With Full Follower Plate To Prevent Refuse From Spilling Behind Blade. The Low Packer Blade Is Driven By Two 6 1/2" Bore Criss 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

CAB CANOPY

- Completely Covers Cab Roof
- Side And Top - 14 Gauge Mild Steel

LADDER

- Right Side Of Body To Provide Access To Body Roof

HYDRAULIC HOPPER COVER

- Hydraulic Actuated Sliding Cover With Warning Light
- Operating Independent Of Loader Arms And Packer

PACKER BLADE AND FOLLOWER

- Push Type "A" Frame Box With Concave Face Construction With Skids To Slide In Full Length Guides On Body Floor. (Hardox Wear Plates On Skids)
- Packer Face Plate - 1/4" T-1 Ar Steel
- Packer Sides - 3/8" Mild Steel
- Packer Length - 30"
- Packer Width - 80"
- Packer Height - 48"
- Packer Guides - 6" X 15.3# Channel Full Length Of Body
- Wear Guides - Hardox Wear Strips
- Follower Attached To Top Of Packer Blade To Prevent Refuse From Collecting In Front Area Of Body
- Follower Cover - 12 Gauge High Tensile Steel

FRONT LOAD MECHANISM DESIGN

The Loader Arms Are Designed To Travel Over The Cab With A Complete Cycle Time Of 14 - 18 Seconds. The Load Mechanism Is Capable Of Dumping 1-8 Cubic Yard Containers. The Arm Cylinders Are Pull Type Mounted On The Arms. The Loader Assembly Includes Standard Side Forks With Dock Capability.

FRONT LOAD MECHANISM SPECIFICATIONS

LOADER ARMS:

- 8,000 Lb Capacity, Rectangular Tubing With Flat Bar Straps And Reinforcement Gussets At Corners
- Tubing - 8" X 2" X ¼" Wall 50,000 Psi Tensile Strength
- Straps - 1/2" X 2" Flat Bar
- Gussets - 3/8" Plate

FORKS, CROSS SHAFT & BEARINGS

- Standard Side Pocket Forks Side Forks 6" High X 1 ¼" Wide X 51" Long
- Cold Drawn Seamless Tubing
- Tubing - 3 ½" O.D. X ½" Wall 80,000 Psi
- (2) Bronze Bushings, Grooved For Lubrication
- Bushing Size - 4 ½" O.D. X 3 ½" I.D. X 2 ½" Long

ARM CROSS SHAFT & BEARINGS

- Cold Drawn Seamless Tubing, Bolted On Tubing - 4 ½" O.D. X ½" Wall 80,000 Psi
- Mounting - "U" Bolt Half Cap Wall Mounted On Front Of Body
- (2) Full And (1) Half Bronze Bushings Grooved For Lubrication
- Full Bushing - 6" O.D. X 4 ½" I.D. 6" Long
- Half Bushing - 6" O.D. X 4 ½" I.D. 3" Long

DECELERATION VALVE

- To Allow For Maximum Operating Speeds Without Driver Correction

CONTAINER STOPS

- Rubber Pads Mounted Inside Forks At Cross Shaft

HYDRAULIC SYSTEM AND COMPONENTS

RESERVOIR

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

HOSES AND FITTINGS

- Heavy Duty Double Wire Braided Parker Sae Hose With Jic Fittings And Seamless Steel Tubing

CONTROL VALVE

- Commercial A-35 With Built In Relief Valve

POWER SOURCE

- Front Pump Or P.T.O.

PACKER / EJECT CYLINDERS

- (2) - Three Stage Telescopic, Double Acting, All Stages Chrome
- First Stage (Packing) - 6 ½" Bore
- Second Stage (Ejection) - 5" Bore
- Third Stage (Ejection) - 3 ½" Bore
- Stroke - 162 ¾"

ARM CYLINDERS

- (2) - Single Stage, Double Acting
- Bore - 4"
- Stroke - 48 3/8"
- Rod - 2" Chrome

FORK CYLINDERS

- (2) Single Stage, Double Acting
- Bore - 3"
- Stroke - 21"
- Rod - 1 ¼" Chrome

REAR DOOR CYLINDERS

- (2) Single Stage, Double Acting
- Bore - 2 ½"
- Stroke - 35"
- Rod - 1 ¼" Chrome

HOPPER COVER CYLINDER

- (1) Single Stage, Double Acting
- Bore - 3"
- Stroke - 93"
- Rod - 1 ¼" Chrome

HYDRAULIC OIL

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

HYDRAULIC CONTROLS

- Lever Operated Controls Mounted In Cab To The Right And Forward Of Operator And Outside On The Front Left Side Of Body
- Electric/Air Auto-Pack Controls For Packer Blade

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 (10" X 31")

AIR CONTROLS

- Air Control Valves For Inside And Outside Controls In Place Of Lever Operated Cable Controls (With Feathering Ability)

MID BODY TURN SIGNALS

- Directional Lights Mounted At Mid-Point Of Body

REAR DOOR LIQUID CATCH

- Steel Construction Installed Under Rear Door To Prevent Liquid Spill

ESTIMATED BODY WEIGHT

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

OPTIONS

- Hydraulic Adjustable Combination Or Bottom Side Forks
- Hoist Body
- Deceleration Valve Down - To Allow For Max Operating Speeds On Down Stroke Without Operator Correction
- Rear Vision Camera System

SAFETY OPTIONS

- 4 Additional Rear Flashing Lights (Pto Activated)
- 2 Rear Mounted Spot Lights (Reverse On)
- 1 Additional Rear/Center Mount Brake Light
- Fire Extinguisher
- Triangle Kit
- Spill Kit

PAINT

- One Coat Primer And One Coat Polyurethane Paint