



PHOTO CAPTION:

The second generation of the Gulf Mechanical Bag Retriever increases productivity by more than 20 per cent over earlier models. Tests indicate one operator can collect trash from both sides of the street at a rate in excess of 200 households per hour, and can even reach over parked cars.

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GULF OIL CHEMICALS COMPANY / P. O. BOX 2100 / HOUSTON, TEXAS 77001 / (713) 226-2573

MBR SPECIFICATIONS

Model: MBR S3

May 1, 1974

- Chassis: International Harvester, CO 1810, 167" WB;
w/Tite-Pak Model 18 packer body
- Hydraulics: Fluid Power Systems valves, Benton Harbor
cylinders
- Auxiliary Engine: IH UC200 4-cylinder gasoline with
in-cab starting, water cooled
- Pump: Delavan or John Deere, constant pressure,
variable volume 30 gpm rating
- Conveyor: Hydraulically operated, in-cab controls,
variable speed, continuous or intermittent
operation, hydraulic lift, Chemi Vick oil
resistant belt
- Boom: Hydraulically operated, electro-hydraulic
in-cab controls; 21 ft. reach, either side;
rotation, 200° min.; max. height, stored 13' -
in service 14'
- Retriever Basket: 90° rotation, hydraulically
operated open and close
- Automatic Return Function: Electro-hydraulic,
sequential, self-centering with manual
over-ride
- Filtration: 10 micron - pressure and return line
- Color: White, except for orange boom and basket
- Back-up Alarm: Drive shaft actuated
- Operator & Maintenance Training w/Manuals Included
- Controls: In-Cab, electro-mechanical-hydraulic, complete
- Taxes: Federal Excise and State Sales or Use Tax not
included. Exemption Certificate to be furnished
by purchaser
- Delivery: Completely assembled with body installed,
necessary legal lights and painted, FOB Houston, TX.

CAB & CHASSIS SPECIFICATION - SINGLE AXLE, GASOLINE, MODIFIED
IH Model CO 1810 having standard operational and safety
equipment and including the following optional equipment:

1. Engine: 392 cu.in. V-8 gasoline 191 J-245 net
HP @ 3600 RPM
2. Cab Style: Tilt Cab - Modified
3. Cab to Axle Dimension: 150"
4. Wheel Base: 167"
5. Front Axle Capacity: 12,000 lbs.
6. Rear Axle Capacity: 18,500 lbs.
7. Springs: Heavy duty rear w/auxiliary 20,380 lb.
8. Springs: Front w/axle 12,000 lb.
9. Rear Axle Ratio: 7.17 to 1
10. Transmission: Allison Automatic MT 650-5 speed
11. Frame: Factory reinforced
12. Cooling System: Heavy duty
13. Alarm System: Engine alarm for water and oil press
14. Alternator: 12 volt 80 ampere w/intergal regulator
(27-SI) type
15. Battery: Dual 6 volt - 150 ampere
16. Wheels: Cast
17. Tires: Front - two 10.00X20 - 12 ply highway tread
Rear - four premium tread 10.00X20 - 12 ply
18. Steering: Power steering
19. Brakes: Heavy duty power brakes
20. Lights: Special lights and turn signals
21. Heater: Heater and defroster
22. Air Conditioner: Standard - roof mounted
23. Visors: Sun visor
24. Mirrors: West Coast, both sides
25. Windshield Wiper: Standard w/washer
26. Color: White
27. Fuel Tank: Single 53 gal.
28. Tow Hooks: 2 front, 2 rear

HELIX CORPORATION
P. O. Box 289
Crown Point, IN 46307
Phone: 219 663-0996

MODIFIED MODEL 18 TITE-PAK REFUSE PACKER BODY

Specifications

1.9 TYPE

- 1.1 Stationary, non-tilting.
- 1.2 Side loading with: A) Separate packing blade
B) Separate holding and unloading blade
- 1.3 Rear unloading - with hydraulic lock tailgate

2.0 SIZE & CAPACITY

- 2.1 18 cu. yd. packer with 14 cu. yd. packing area.
4 cu. yd. hopper
- 2.2 Width ----- 94"
Height ----- 80" (above chassis frame)
Length ----- 188" (plus truck and cab)
Loading door width, side, and top - 38"
- 2.3 Payload - potential 10,000 to 11,000 lbs.

3.0 BODY:

- 3.1 Packing blade (separate). Used for packing. Made of 10 ga. Corten Steel working in 10 ga. Corten compartment.
- 3.2 Load holding blade. Also used for unloading.
- 3.3 Hydraulic tailgate lift and lock.
- 3.4 Construction:

| | |
|-----------------|---------------|
| Hopper | 10 ga. Corten |
| Packing blade | 10 ga. Corten |
| Body floor | 12 ga. |
| Tailgate | 12 ga. |
| Unloading blade | 14 ga. |
| Body sides | 14 ga. |
| Body top | 16 ga. |
- 3.5 Light for hopper, provides night illumination.
- 3.6 Safety hand holds. Two on each side.
- 3.7 Two (2) 38" X 43" overhead doors for dock loading.
- 3.8 I.C.C. regulation clearance lights, reflectors.

4.0 PACKING AND UNLOADING:

- 4.1 Packing blade pressure 35 lbs per sq. in. Automatic packing blade cycle. Reservoir - 22 gal.; Relief valve - 40 GPM; Filters - 40 GPM.
- 4.2 Separate packing and unloading blade.
- 4.3 Packing, with continuous automatic cycling

5.0 ACCESSORIES:

- 5.1 Step frame with step pad
- 5.2 Container lift attachment 1,000 lb. capacity (optional)
- 5.3 Containers - 85 gal. or 175-gal.; barrel ring for standard steel drum (optional).

6.0 CONTROLS:

- 6.1 Cab operated, electro-hydraulic

7.0 COLOR:

- 7.1 White

8.0 LIGHTS:

8.1 Necessary legal lights to be installed

TITE-PAK
REFUSE PACKER BODY
SPECIFICATIONS

| <u>BODY SPECIFICATIONS</u> | <u>MODEL 18</u> |
|-------------------------------------|-------------------|
| Overall Length (including tailgate) | 188" |
| Overall Width | 94" |
| Height (above chassis frame) | 80" |
| Loading Door Width | 38" |
| Top Doors (in line with side doors) | 38" X 43" |
| Loading Height above frame | 25" |
| Weight | 5300 pounds |
| <u>HYDRAULIC EQUIPMENT</u> | |
| Packing blade cylinder | Dual - 2 way |
| Packing blade force | 38,000 pounds |
| Packing cylinder stroke | 30" |
| Push-out unloading blade cylinder | Dual - 2 way |
| Oil operating pressure | 1500 pounds |
| Oil tank capacity | 75 gallons |
| Rear door cylinders (inset) | Dual - 2 way |
| Tailgate (open-close-lock) | Hydraulic |
| Engine speed control | Hydraulic |
| <u>RECOMMENDED CHASSIS</u> | |
| Cab to axle | 120" |
| G V W Rating | 22,000 pounds |
| Clutch | Heavy duty |
| *Brakes | Heavy duty |
| Tires - dual rear wheels | 8.25 X 20, 10 ply |

* Power brakes and power steering recommended.