

INTEGRATED REAR LOADER (IRL)

IRL 22SP SINGLE AXLE WITH PUSHER LIFT AXLE

NSWMA SHOW MODEL STANDARD EQUIPMENT

CAB

LOW ENTRY FIXED CAB
ALL WELDED ALUMINUM
ALL TINTED FLAT SAFETY GLASS
AIR OPERATED WINDSHIELD WIPERS WITH
WASHERS
ADJUSTABLE BENCH DRIVER'S AND PASSENGER
SEATS
RETRACTABLE SEAT BELTS
L.H. AND R.H. SUN VISORS
FRESH AIR HEATER WITH RECIRCULATING
HEATER AND DEFROSTER
REAR VIEWING WINDOW
ELECTRIC SPEEDOMETER
ELECTRIC TACHOMETER W/HOURMETER
DUAL AIR PRESSURE GAUGE
MODULE PANEL W/REPLACEABLE GAUGES
VOLTMETER, ELECTRICAL OIL PRESSURE,
WATER TEMPERATURE AND FUEL
DUAL STAINLESS REAR VIEW MIRRORS 16" X 6"
WITH 8½ R.H. CONVEX SPOT

BODY

CRANKSHAFT (DRIVEN) DRY VALVE PUMP
RETURN LINE FILTER - REPLACEABLE ELEMENT
CONTROLLED FLOW TAILGATE CYLINDERS
HYDRAULIC SIGHT GAUGE
BODY SIDE DOOR
AUTOMATIC HYDRAULIC TAILGATE LATCH
O-RING SEAL HYDRAULIC FITTINGS
CUSHIONED TAILGATE CYLINDERS

ELECTRICAL

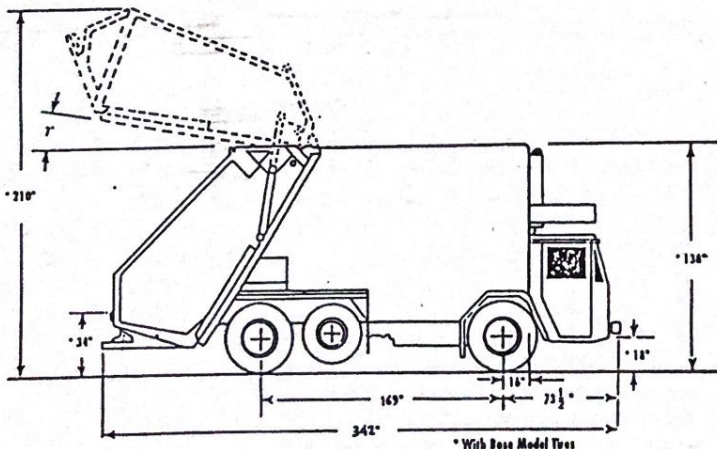
MANUAL RESET CIRCUIT BREAKERS
COLOR CODED WIRING
EXTERIOR BODY WIRING INSTALLED IN CONDUIT
W/WATERPROOF JUNCTION BOXES
P.T.O. "ON" INDICATOR LIGHT
PUMP ENGAGED OVERSPEED SWITCH
SINGLE HEADLIGHTS
FRONT AND REAR TURN SIGNALS
IDENTIFICATION AND CLEARANCE LIGHTS
SHOCK MOUNTED TAIL AND CLEARANCE LIGHTS
DOME LIGHT IN CAB
HAZARD WARNING FLASHER
ELECTRIC HORN
WARNING LIGHT AND BUZZER FOR:
LOW AIR AND LOW OIL PRESSURE
HIGH WATER TEMPERATURE
HIGH TRANSMISSION TEMPERATURE
INDICATOR LIGHT FOR:
PARKING BRAKE
TRANSMISSION HIGH TEMPERATURE
TRANSMISSION NEUTRAL
RADIO WIRE CIRCUIT
BACK-UP ALARM
BACK-UP LIGHT IN REAR CLUSTER

MISCELLANEOUS STANDARDS

MUD FLAPS REAR OF FRONT AND FORWARD OF
REAR WHEELS
WILLIAMS AIR THROTTLE CONTROL
AIR RESTRICTION INDICATOR - AIR CLEANER
MOUNTED
TOW LOOPS, FRONT AND REAR
WHEEL OIL SEALS - ALL AXLES
GATE TYPE TRANSMISSION SHIFT CONTROL

PAINT

WHITE, POLYURETHANE ENAMEL
CAB, BODY, BUMPER, FENDERS
AIR CLEANER AND FRONT OF EJECTOR PANEL
RED ACRYLIC ENAMEL WHEELS



THE REFUSE VEHICLE SPECIALISTS

INTEGRATED REAR LOADER (IRL)

IRL 22SP SINGLE AXLE WITH PUSHER LIFT AXLE

NSWMA SHOW MODEL

GENERAL BODY

| | |
|--------------------------------|--------|
| WHEELBASE, ins. | 169 |
| WEIGHT, est. lbs. | 27,000 |
| LENGTH, overall, ft.-ins. | 28-6 |
| HEIGHT, ft.0ins. | 11-6 |
| WIDTH, overall, ins. | 96 |

BODY

| | |
|------------------------------------|--------------------|
| VOLUME, cu. Yds. | 22 |
| COMPACTION RATIO, lbs/cu. yd. | 1,000 |
| BODY SHAPE | Cylindrical |
| BODY WELDING | Full |
| CONSTRUCTION MATERIAL, Steel | |
| Sides, ga., psi. | 10 - 80,000 |
| Floor, ga., psi. | 10 - 80,000 |
| Roof, ga., psi. | 10 - 80,000 |
| Rear Apron, in., psi. | 1/4 - 100,000 |
| EJECTION SYSTEM | Full sweep |
| SIDE DOOR | |
| Location | Left front of body |
| Size, w x h, ins. | 31 x 34 |

TAILGATE

| | |
|---------------------------------------|----------------------|
| HOPPER SIZE, cu. yds. | 4.5 |
| LOADING HEIGHT, above road, ins. | 34 |
| LOAD OPENING, w x h, ins. | 82 x 66 |
| CONTROLS | R. H. Tailgate side |
| CYCLE TIME, full cycle, sec. | 25 |
| RELOAD TIME, secs. | 8 |
| TAILGATE RAISE | Automatic, hydraulic |
| TAILGATE CONSTRUCTION | |
| Hopper, ins., psi. | 3/16 - 100,000 |
| Lower Side, ins. psi. | 3/16 - 80,000 |
| Upper Side, ga., psi. | 12 - 45,000 |
| COMPACTION FORCE, lbs. thrust | 106,000 |
| lbs./sq. In., packer face | 47 |

HYDRAULIC SYSTEM

| | |
|----------------------------|---------------------|
| PUMP, type | Gear with dry valve |
| Size, gpm @ 1000 rpm | 35 |
| P.T.O. | Crankshaft drive |
| SYSTEM PRESSURE, psi | 2,500 |
| RESERVOIR, gals | 50 |

CYLINDERS

| | |
|---|-----|
| Double acting, chrome-plated rods | All |
| T.G. LATCH AND RAISE, dia., ins. | 3 |
| T.G. COMPACTION, dia., ins. | 6 |
| T.G. BLADE, dia., ins. | 5 |
| EJECTION, 3 stage, dia., ins. | 6 |

POWER SYSTEM

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| ENGINE | Cummins, C8.3 |
| Horsepower @ 2200 rpm | 275 |
| Lube Oil Filter | Full Flow |
| TRANSMISSION | Allison HT740RS |
| 4 speeds forward, 1 reserve | |
| Filter, Spin on | Remote |
| Oil Cooler | Water to oil |
| RADIATOR, Remote Cross Flow, sq. Ins. | 1200 |
| AIR CLEANER, intake above cab, | DONALDSON, 14" |
| EXHAUST | Vertical |
| FUEL TANK, gals. | 50 |

AXLES, SUSPENSION, STEERING

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|---|-------------|
| FRONT AXLE, Rockwell FL941, cap., lbs. | 20,000 |
| FRONT SUSPENSION, CCC, cap., lbs. | 20,000 |
| REAR AXLE, Rockwell RS26-185, cap., lbs. | 26,000 |
| Ratio | 4.63 |
| PUSHER AXLE, Airlift, cap., lbs. | 14,000 |
| REAR SUSPENSION, Reyco, 102CC Cap., lbs. | 30,000 |
| WHEELS, front ins. | 22.5" Disc |
| rear and pusher, ins. | 22.5 Disc |
| TIRES, front Goodyear | 315/80R22.5 |
| rear, Goodyear | 11R22.5 |
| pusher, Goodyear, (Single) | 11R22.5 |

BRAKES

| | |
|-------------------------------|---------------|
| FRONT, S-CAM, ins. | 16.5 |
| REAR, S-CAM, ins. | 16.5 X 7 |
| PUSHER, S-CAM, ins. | 16.5 X 7 |
| RESERVOIR, cap., cu.ins. | 5,502 |
| AIR COMPRESSOR, C.F.M. | 15.0 |
| PARKING, rear axle | Spring loaded |
| AIR DRYER | BW AD-9 |

PROPELLER SHAFTS

1710HD

ELECTRICAL

| | |
|--|-----------------------|
| SYSTEM TYPE | 12 V. Negative ground |
| ALTERNATOR, Delco, 21 SI, amps | 100 |
| BATTERIES, maintenance free, 12 volt | 3 |
| Total cold cranking amps, CCA | 2,250 |

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|----------------------|--------------------|
| STEERING | Dual Steering |
| TYPE, Sheppard | Integral gear S592 |
| Cap., lbs. | 20,000 |

OTHER EQUIPMENT

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| Kysor 3 probe Engine Protection System |
| Neutral Interlock System |
| Container Dumpbar Latch Mechanism |
| Right Side Flip Up/Fold Back Door |

5/96

