

# IRL

## INTEGRATED REAR LOADER

### 22SP Single Drive Axle with Pusher Lift Axle

METROPOLITAN WASTE EQUIPMENT, INC.  
1074 TURNPIKE ST.  
STOUGHTON, MA 02072  
(617) 344-8262



The CCC logo consists of the letters "CCC" in a bold, black, sans-serif font, enclosed within a white oval with a red border.

*The Refuse Vehicle Specialists*

## Single Axle Efficiency in a Tandem Axle Unit with 25yd Payloads in a 22yd Body – Haul More Legally!

### • Single Axle Efficiency - Tandem Axle Payloads

The new 22yd IRL handles the routes of larger tandem axle rear loaders with the efficiency of smaller single axle trucks. Single axle for most of the route with pusher axle up, then axle down for the rest of the route, giving the IRL22SP three axle legal payloads and heavy duty tandem weight carrying ratings.

### • Maximum Legal Loads

The integrated design allows maximum front axle weight transfer, not possible with typical rear loaders. This advantage gives: *Maximum use of all axles - resulting in larger legal payloads, 12 1/2 ton payloads at 54,000 #GVW, and over 9 ton legal federal bridge formula payloads.*

### • Higher Compaction - 25 yd. loads in a 22 yd. Body

Because the IRL has the highest compaction force in the industry, 28% more force than the leading typical high compaction rear loader, *the 22 cu. yd. IRL will handle the loads of larger typical high compaction rear loaders.*

### • Other IRL Advantages

- **Greater operator comfort and safety**
  - Low entry walk thru cab
  - Better visibility
  - Quieter operation
  - Cooler cab environment
  - Smoother ride
- **Higher Productivity**
  - Faster cycle time
  - Larger hopper volume
  - Lower loading height
  - Better maneuverability
  - Live drive hydraulics
  - Automated tailgate latches
- **Less Maintenance Cost**
  - Long-life circular body
  - CCC rubber load cushion front suspension
  - “Refuse Service” Chevron packing hydraulic cylinders
  - Premium hydraulic components
  - “Walk-up Service” to major components
- **One Source Warranty for Body & Chassis**

### Base Model Specifications: IRL22SP

General	
Wheelbase, ins. ....	169
Weight, est. lbs. ....	27,500
Length, overall, ft.-ins. ....	28-6
Height, ft.-ins. ....	11-6
Width, overall, ins. ....	96

Body	
Volume, cu. yds. ....	22
Compaction ratio, lbs./cu. yds. ....	1,000

Tailgate	
Hopper size, cu. yds. ....	3.6
Loading height, above road, ins. ....	34
Cycle time, full cycle, sec. ....	25
Reload time, secs. ....	8
Tailgate raise ....	Automatic, hydraulic
Compaction force, lbs. thrust ....	106,000

Hydraulic System	
Pump, type ....	Gear with dry valve
P.T.O. ....	Crankshaft drive
Reservoir, gals. ....	50

Ejection	
3 stage, dia., ins. ....	6

Chassis Components	
Engine, 250 hp. ....	Cummins, C8.3
Horsepower at 2,400 rpm ....	250
Transmission ....	Allison MT653DR
Radiator, remote cross flow, sq. ins. ....	1,200
Front axle, Eaton EFA-20, cap., lbs. ....	20,000
Front suspension, CCC, cap., lbs. ....	20,000
Rear axle, Eaton 26105S, cap., lbs. ....	26,000
Ratio ....	5.25
Pusher axle, airlift, cap., lbs. ....	14,000
Rear Suspension, Reyco, 102CC cap., lbs. ....	26,000



The Refuse Vehicle Specialists  
Crane Carrier Company  
1925 N. Sheridan Tulsa, Ok 74115  
918-836-1651 FAX 918-832-7348