



INTEGRATED SIDE LOADER (ISL)

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The CCC Integrated Side Loader (ISL) collection vehicle consists of a packer body, lifting mechanism, drive components and running gear combined into a complete, integrated unit. This unique concept provides flexibility for the best placement of components and accessories without the limitations and compromises of vehicles with separate bodies and chassis. The ISL makes maximum use of space, weight, and weight distribution. Within the same overall dimensions of a conventional side loader, the ISL incorporates the following inherent advantages:

- Larger body volume
- Weighs less empty
- Better weight distribution
- Hauls more per load
- Hauls more legally

In addition to these inherent advantages, the ISL incorporates many other features:

- Greater driver comfort and safety
 - better visibility
 - quieter operation
 - cooler cab environment
 - lower cab entry
- Better maneuverability — speeds collection
 - greater wheelcut
 - shorter turning radius
 - less backing required
- Reliable heavy duty lift mechanism
 - simple design
 - four point mounting to top of body structure
 - high strength heavy duty link design
 - multi-port cushioned cylinder design — eliminates shock

- Better container handling characteristics
 - easier to operate — joystick operation from R.H. door location
 - faster cycle time — 6-8 sec. grasp and dump cycle
 - 90-400 gallon round container capability — easily converts to rectangular steel containers
 - lifts and returns container to same spot without retracting or extending rails
- Easier to maintain, service and repair
 - walk-up accessibility for daily checks and service
 - engine, transmission readily removable for major repairs

SINGLE SOURCE WARRANTY

Since CCC provides the complete vehicle, the need to deal with separate vendors for the truck chassis, body and lift is eliminated.

GENERAL DATA

WHEELBASE, ins.	165
WEIGHT, est. total fueled, lbs.	29,500
LENGTH, overall, ft.	29
HEIGHT, travel position, ft.-ins.	11-4
with 90 gal. lift grabs	11-6
WIDTH, overall, ins.	96

LIFT MECHANISM AND COMPACTION BODY

CONTAINER LIFT, cap. lbs., 90-400 gal.	1,500
1/2-4 yd. steel	2,000
BODY VOLUME, cu. yds.	33
Hopper, cap. cu. yds.	10

PACKING SYSTEM

5-Stage Telescopic Cyl. — dia. ins.	8.5
Packer Thrust, max. lbs.	113,490
Packing System Relief, PSI	2,000

HYDRAULICS

Gear Pump	Tandem with Dry Valve
P.T.O.	Crankshaft Drive
System Pressure, PSI	2,500
Reservoir, gals.	100

ENGINE AND TRANSMISSION

ENGINE	Cat. 3208T*
Horsepower @ 2,600 RPM	225
RADIATOR	Remote Crossflow
Core Area, sq. ins.	1,030
TRANSMISSION	Allison MT653CR*
PROPELLER SHAFTS ...	Spicer Tubular 1710HD

*Components listed are base model components - optional engines, transmissions, axles and rear suspensions are available.

AXLES, SUSPENSIONS AND STEERING

FRONT AXLE	Eaton EFA-18
Cap. lbs.	20,000
FRONT SUSPENSION ...	CCC Rubber Cushion
Cap. lbs.	40,000
REAR AXLE	Eaton 26105s*
Cap. lbs.	26,000
REAR SUSPENSION	Reyco 102c*
Cap. lbs.	26,000
TAG LIFT AXLE, lbs.	20,000
TAG AXLE SUSPENSION, lbs.	20,000
POWER STEERING ...	Integral Gear Sheppard
Cap. lbs.	20,000

ISL STANDARD EQUIPMENT

- CAB
 - Low entry walk thru cab
 - Factory installed R.H. drive
 - All aluminum welded frame
- BODY
 - Hydraulic tailgate latch — positive pressure type
 - Hydraulic tailgate lift
 - Air over hydraulic packer body controls
 - "O" ring type hydraulic fittings — pipe threads eliminated
 - Crankshaft mounted dry valve pump
 - Full sweep ejection
 - Body cleanout hatch
 - Hydraulic sight gauge
 - Holding valve in tailgate circuit
- LIFT
 - Proportional air over hydraulic joystick controls
 - Multi-port cushioned lift cylinders
 - Four point mounting to top of body
 - Long life greaseless bushings
 - T-1 tracks with hardened steel rollers
- OTHER
 - Manual reset circuit breakers
 - Back-up alarm
 - Back-up light in rear cluster
 - Wheel seals — all axles



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